

HIGHWAY WORK PROPOSAL – RAZING AND REMOVING

Wisconsin Department of Transportation
DT1502 10/2010 s .66.29(7) Wis. Stats.

Proposal Number:

Ø 1

COUNTY	STATE PROJECT ID	PROJECT DESCRIPTION	HIGHWAY
Milwaukee	1060-33-23, Parcel 24	Zoo Interchange, Local Roads Watertown Plank, Swan Blvd, STH 181	Var Hwy
Milwaukee	1228-16-21, Parcel 1	North South Freeway Green Tee Bridge B-40-0149	IH 43
Racine	2250-12-22, Parcels 2, 3, and 4	Main St/1 st St Vil Waterford Buena Park Rd to Milw Ave (STH 36)	STH 20
Racine	2340-00-26, Parcel 11	STH 20 Intersection with CTH C	STH 20

This proposal, submitted by the undersigned bidder to the Wisconsin Department of Transportation, is in accordance with the advertised request for proposals. The bidder is to furnish and deliver all materials, and to perform all work for the improvement of the designated project in the time specified, in accordance with the appended proposal requirements and conditions.

Proposal guaranty required, \$ 6,000.00

Payable to: Wisconsin Department of Transportation

Attach Proposal Guaranty.

Bid submittal due Date: Thursday, October 6, 2016 Time (local time): 1:00 PM	Firm name, address, city, state, zip
Contract completion time Ninety (90) Calendar Days	
Assigned disadvantaged business enterprise goal 0 %	This contract is exempt from federal oversight.

This certifies that the undersigned bidder, duly sworn, is an authorized representative of the firm named above; that the bidder has examined and carefully prepared the bid from the plans, Highway Work Proposal, and all addenda, and has checked the same in detail before submitting this proposal or bid; and that the bidder or agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal bid.

Do not sign, notarize or submit this highway work proposal when submitting an electronic bid on the internet.

Subscribed and sworn to before me this date _____

(Signature, Notary Public, State of Wisconsin)

(Print or Type Name, Notary Public, State Wisconsin)

(Date Commission Expires)

Notary Seal

(Bidder Signature)

(Print or Type Bidder Name)

(Bidder Title)

For Department Use Only

Type of Work Razing and Removing	
Notice of award dated	Date guaranty returned

**PLEASE ATTACH
PROPOSAL GUARANTY HERE**

Effective with November 2007 Letting

PROPOSAL REQUIREMENTS AND CONDITIONS

The bidder, signing and submitting this proposal, agrees and declares as a condition thereof, to be bound by the following conditions and requirements.

If the bidder has a corporate relationship with the proposal design engineering company, the bidder declares that it did not obtain any facts, data, or other information related to this proposal from the design engineering company that was not available to all bidders.

The bidder declares that they have carefully examined the site of, and the proposal, plans, specifications and contract forms for the work contemplated, and it is assumed that the bidder has investigated and is satisfied as to the conditions to be encountered, as to the character, quality, and quantities of work to be performed and materials to be furnished, and as to the requirements of the specifications, special provisions and contract. It is mutually agreed that submission of a proposal shall be considered conclusive evidence that the bidder has made such examination.

The bidder submits herewith a proposal guaranty in proper form and amount payable to the party as designated in the advertisement inviting proposals, to be retained by and become the property of the owner of the work in the event the undersigned shall fail to execute the contract and contract bond and return the same to the office of the engineer within fourteen (14) days after having been notified in writing to do so; otherwise to be returned.

The bidder declares that they understand that the estimate of quantities in the attached schedule is approximate only and that the attached quantities may be greater or less in accordance with the specifications.

The bidder agrees to perform the said work, for and in consideration of the payment of the amount becoming due on account of work performed, according to the unit prices bid in the following schedule, and to accept such amounts in full payment of said work.

The bidder declares that all of the said work will be performed at their own proper cost and expense, that they will furnish all necessary materials, labor, tools, machinery, apparatus, and other means of construction in the manner provided in the applicable specifications and the approved plans for the work together with all standard and special designs that may be designed on such plans, and the special provisions in the contract of which this proposal will become a part, if and when accepted. The bidder further agrees that the applicable specifications and all plans and working drawings are made a part hereof, as fully and completely as if attached hereto.

The bidder, if awarded the contract, agrees to begin the work not later than ten (10) days after the date of written notification from the engineer to do so, unless otherwise stipulated in the special provisions.

The bidder declares that if they are awarded the contract, they will execute the contract agreement and begin and complete the work within the time named herein, and they will file a good and sufficient surety bond for the amount of the contract for performance and also for the full amount of the contract for payment.

The bidder, if awarded the contract, shall pay all claims as required by Section 779.14, Statutes of Wisconsin, and shall be subject to and discharge all liabilities for injuries pursuant to Chapter 102 of the Statutes of Wisconsin, and all acts amendatory thereto. They shall further be responsible for any damages to property or injury to persons occurring through their own negligence or that of their employees or agents, incident to the performance of work under this contract, pursuant to the Standard Specifications for Road and Bridge Construction applicable to this contract.

In connection with the performance of work under this contract, the contractor agrees to comply with all applicable state and federal statutes relating to non-discrimination in employment. No otherwise qualified person shall be excluded from employment or otherwise be subject to discrimination in employment in any manner on the basis of age, race, religion, color, gender, national origin or ancestry, disability, arrest or conviction record (in keeping with s.111.32), sexual orientation, marital status, membership in the military reserve, honesty testing, genetic testing, and outside use of lawful products. This provision shall include, but not be limited to the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation, and selection for training, including apprenticeship. The contractor further agrees to ensure equal opportunity in employment to all applicants and employees and to take affirmative action to attain a representative workforce.

The contractor agrees to post notices and posters setting forth the provisions of the nondiscrimination clause, in a conspicuous and easily accessible place, available for employees and applicants for employment.

If a state public official (section 19.42, Stats.) or an organization in which a state public official holds at least a 10% interest is a party to this agreement, this contract is voidable by the state unless appropriate disclosure is made to the State of Wisconsin Ethics Board.

PROPOSAL BID BOND

DT1303 1/2006

Wisconsin Department of Transportation

Proposal Number	Project Number	Letting Date
Name of Principal		
Name of Surety	State in Which Surety is Organized	

We, the above-named Principal and the above-named Surety, are held and firmly bound unto the State of Wisconsin in the sum equal to the Proposal Guaranty for the total bid submitted for the payment to be made; we jointly and severally bind ourselves, our heirs, executors, administrators, successors and assigns. The condition of this obligation is that the Principal has submitted a bid proposal to the State of Wisconsin acting through the Department of Transportation for the improvement designated by the Proposal Number and Letting Date indicated above.

If the Principal is awarded the contract and, within the time and manner required by law after the prescribed forms are presented for signature, enters into a written contract in accordance with the bid, and files the bond with the Department of Transportation to guarantee faithful performance and payment for labor and materials, as required by law, or if the Department of Transportation shall reject all bids for the work described, then this obligation shall be null and void; otherwise, it shall be and remain in full force and effect. In the event of failure of the Principal to enter into the contract or give the specified bond, the Principal shall pay to the Department of Transportation **within 10 business days of demand** a total equal to the Proposal Guaranty as liquidated damages; the liability of the Surety continues for the full amount of the obligation as stated until the obligation is paid in full.

The Surety, for value received, agrees that the obligations of it and its bond shall not be impaired or affected by any extension of time within which the Department of Transportation may accept the bid; and the Surety does waive notice of any such extension.

IN WITNESS, the Principal and Surety have agreed and have signed by their proper officers and have caused their corporate seals to be affixed this date: **(DATE MUST BE ENTERED)**

PRINCIPAL

(Company Name) **(Affix Corporate Seal)**

(Signature and Title)

(Company Name)

(Signature and Title)

(Company Name)

(Signature and Title)

(Company Name)

(Signature and Title)

NOTARY FOR PRINCIPAL

(Date)

State of Wisconsin)
) ss.
_____ County)

On the above date, this instrument was acknowledged before me by the named person(s).

(Signature, Notary Public, State of Wisconsin)

(Print or Type Name, Notary Public, State of Wisconsin)

(Date Commission Expires)

Notary Seal

(Name of Surety) **(Affix Seal)**

(Signature of Attorney-in-Fact)

NOTARY FOR SURETY

(Date)

State of Wisconsin)
) ss.
_____ County)

On the above date, this instrument was acknowledged before me by the named person(s).

(Signature, Notary Public, State of Wisconsin)

(Print or Type Name, Notary Public, State of Wisconsin)

(Date Commission Expires)

Notary Seal

IMPORTANT: A certified copy of Power of Attorney of the signatory agent must be attached to the bid bond.

CERTIFICATE OF ANNUAL BID BOND

DT1305 8/2003

Wisconsin Department of Transportation

Time Period Valid (From/To)	
Name of Surety	
Name of Contractor	
Certificate Holder	Wisconsin Department of Transportation

This is to certify that an annual bid bond issued by the above-named Surety is currently on file with the Wisconsin Department of Transportation.

This certificate is issued as a matter of information and conveys no rights upon the certificate holder and does not amend, extend or alter the coverage of the annual bid bond.

Cancellation: Should the above policy be cancelled before the expiration date, the issuing surety will give thirty (30) days written notice to the certificate holder indicated above.

(Signature of Authorized Contractor Representative)

(Date)

March 2010

LIST OF SUBCONTRACTORS

Section 66.0901(7), Wisconsin Statutes, provides that as a part of the proposal, the bidder also shall submit a list of the subcontractors the bidder proposes to contract with and the class of work to be performed by each. In order to qualify for inclusion in the bidder's list a subcontractor shall first submit a bid in writing, to the general contractor at least 48 hours prior to the time of the bid closing. The list may not be added to or altered without the written consent of the municipality. A proposal of a bidder is not invalid if any subcontractor and the class of work to be performed by the subcontractor has been omitted from a proposal; the omission shall be considered inadvertent or the bidder will perform the work personally.

No subcontract, whether listed herein or later proposed, may be entered into without the written consent of the Engineer as provided in Subsection 108.1 of the Standard Specifications.

[illegible]

DECEMBER 2000

**CERTIFICATION REGARDING DEBARMENT, SUSPENSION, AND OTHER
RESPONSIBILITY MATTERS - PRIMARY COVERED TRANSACTIONS**

Instructions for Certification

1. By signing and submitting this proposal, the prospective contractor is providing the certification set out below.
2. The inability of a person to provide the certification required below will not necessarily result in denial of participation in this covered transaction. The prospective contractor shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective contractor to furnish a certification or an explanation shall disqualify such person from participation in this transaction.
3. The certification in this clause is a material representation of fact upon which reliance was placed when the department determined to enter into this transaction. If it is later determined that the contractor knowingly rendered an erroneous certification in addition to other remedies available to the Federal Government the department may terminate this transaction for cause or default.
4. The prospective contractor shall provide immediate written notice to the department to whom this proposal is submitted if at any time the prospective contractor learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
5. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of the rules implementing Executive Order 12549. You may contact the department to which this proposal is being submitted for assistance in obtaining a copy of those regulations.
6. The prospective contractor agrees by submitting this proposal that, should this contract be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department entering into this transaction.
7. The prospective contractor further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," which is included as an addendum to PR-1273 - "Required Contract Provisions Federal Aid Construction Contracts," without

modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.

8. The contractor may rely upon a certification of a prospective subcontractor/materials supplier that it is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A contractor may decide the method and frequency by which it determines the eligibility of its principals. Each contractor may, but is not required to, check the Disapproval List (telephone # 608/266/1631).
9. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a contractor is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
10. Except for transactions authorized under paragraph 6 of these instructions, if a contractor in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department may terminate this transaction for cause or default.

Certification Regarding Debarment, Suspension, and Other Responsibility Matters - Primary Covered Transactions

- (1) The prospective contractor certifies to the best of its knowledge and belief, that it and its principals:
 - (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - (b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property;
 - (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offense enumerated in paragraph (1)(b) of this certification; and
 - (d) Have not within a three-year period preceding this proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
- (2) Where the prospective contractor is unable to certify to any of the statements in this certification, such prospective contractor shall attach an explanation to this proposal.

Special Provisions

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SPECIAL PROVISIONS

1. General.

The work under this contract for the construction of the following projects in Wisconsin:

Project ID 1060-33-23, Parcel 24 – Zoo Interchange, Local Roads Watertown Plank, Swan Blvd, STH 181– City of Wauwatosa, Milwaukee County;

Project ID 1228-16-21, Parcel 1 – North South Freeway, Green Tree Rd Bridge - Village of River Hills, Milwaukee County;

Project ID 2250-12-22, Parcels 2, 3, & 4 – Main St/1st St Vil Waterford Buena Park Rd to Milw Ave (STH 36) - Village of Waterford, Racine County;

Project ID 2340-00-26, Parcel 11 – STH 20 Intersection with CTH C – Town of Yorkville, Racine County.

Perform the work under this construction contract as the plans show and execute the work as specified in the State of Wisconsin, Department of Transportation, Standard Specifications for Highway and Structure Construction 2016 Edition and these special provisions including the Additional Special Provisions (ASP's).

This Razing and Removing Proposal has been developed under the U.S. standard measure system.

The Standard Specifications for Highway and Structure Construction 2016 Edition is available for browsing, download, or to place an order for a hard copy at:

<http://wisconsin.dot.gov/Pages/doing-bus/eng-consultants/cnslt-rsrcs/rdwy/stnds-spec.aspx>

Those who do not have access to the web may order a hard copy of the specifications through:

WI Department of Administration - Document Sales and Distribution Section
202 S. Thornton Avenue, PO Box 7840, Madison WI 53707-7840
Phone: (608) 266-3358

2. Scope of Work.

Work under this contract includes razing and removing buildings, disposing of all material and debris, removing all miscellaneous land improvements, if any, placing compacted backfill in the exposed basements and openings resulting from the removal of the buildings, and grading the vacant site. (See Parcel Exhibits included in this proposal.) Do not disturb adjacent property.

Keep the abutting highway free of debris and mud throughout performance of the work under this contract.

Abandon the present sanitary sewer or septic system and water systems in accordance to current statutes, ordinances, and regulations.

Plank with suitable timbers the public streets and highways, which serve as access for heavy equipment, to preclude any damages to said facilities. Repair all damages to these public facilities or replace them with like materials at contractor expense.

Maintain all roads, highways, or public places adjacent to any building or buildings being razed or removed, in a debris or litter-free condition throughout the life of this contract.

However, should the use of the above highways be required for razing or backfilling operations, erect splashboards or reflector panels and place warning signs at appropriate locations to protect the general public.

Raze and remove the buildings and backfill the resulting exposed openings at the following locations:

<u>Project</u>	<u>Parcel</u>	<u>Type of Building</u>	<u>Address</u>
1060-33-23	24	1,775 SF one-story, single family residence with a 1,050 SF concrete block basement and additional 725 SF crawl space. Features wood frame construction, aluminum siding and brick belt exterior. Wood soffit and fascia, wood rafters, composition shingles, and slide-by windows. Concrete/asphalt paving areas, concrete access walks, slabs and steps if applicable. Municipal water and sanitary sewer (water turned off at curb and meter pulled by Wauwatosa Water Utility December 29, 2015 (414) 479-8964). <i>Note 1:</i> Final grade, finish to include full site restoration to any areas disturbed by removal with application of topsoil, seed, and mulch. <i>Note 2:</i> Try to leave as much natural landscaping as possible (e.g., trees, shrubs, and evergreens).	8311 W Bluemound Rd Wauwatosa, WI 53213

1228-16-21	1	2,812 SF two-story, single family residence with a 1,261 SF basement and an attached 2 car garage. Poured concrete footings & poured concrete/CMU foundation walls and a concrete block stucco exterior. Interior walls are painted and textured plaster/gypsum wall board and wood panel. Roof is wood shake. Concrete/asphalt paving areas, concrete access walks, slabs and steps if applicable. Municipal sewer and private well. <i>Note 1:</i> Final grade, finish to include full site restoration to any areas disturbed by removal with application of topsoil, seed, and mulch. <i>Note 2:</i> Retaining wall around driveway to be removed. <i>Note 3:</i> 430 SF storage shed to be removed.	535W GreenTreeRd River Hills, WI 53217
2250-12-22	2	1,358 SF single family residence and a 1,358 SF full basement with 644 SF of that garage. Foundation is concrete block walls. Exterior comprises of aluminum siding, stained wood/cedar, and a brick facade. Stone retaining wall around driveway, concrete access walks, slabs and steps if applicable. Municipal water and sanitary sewer (water turned off at curb and meter pulled by Waterford Water & Sewer December 9th, 2015 (262) 534-3980). Concrete/asphalt paving areas (driveway/parking) may remain unless disturbed or damaged during demolition. <i>Note 1:</i> Final grade, finish surface layer with approximate 2" depth of compacted crushed gravel, stone or concrete (dense grade ≤ 3 inch) over removal areas and any other areas disturbed during demolition. <i>Note 2:</i> Play set and 386 SF wood deck with built-in brick fire pit to be removed.	615 W Main St Waterford, WI 53185
2250-12-22	3	2,002 SF single family residence of wood frame construction and a 1,024 SF partial basement with stone wall foundation. Exterior comprises of vinyl siding. Two car detached garage Concrete access walks, slabs and steps if applicable. Municipal water and sanitary sewer (water turned off at curb and meter pulled by Waterford Water & Sewer January 7th, 2016 (262) 534-3980). Concrete/asphalt paving areas (driveway/parking) may remain unless disturbed or damaged during demolition. <i>Note 1:</i> Final grade, finish surface layer with approximate 2" depth of compacted crushed gravel, stone or concrete (dense grade ≤ 3 inch) over removal areas and any other areas disturbed during demolition. <i>Note 2:</i> Deck and two wood sheds approximately 64 SF and 48 SF to be removed. <i>Note 3:</i> Remove and fill small decorative pond approximately 25 SF. <i>Note 4:</i> Pool has been removed from property.	605 W Main St Waterford, WI 53185

2250-12-22	4	1,642 SF single family residence of wood frame construction and a 1,011 SF partial basement. Foundation of stone walls and some concrete block. Exterior comprises of vinyl siding. 550 SF two car detached garage. Concrete access walks, slabs and steps if applicable. Municipal water and sanitary sewer (water turned off at curb and meter pulled by Waterford Water & Sewer May 18th, 2016 (262) 534-3980). Concrete/asphalt paving areas (driveway/parking) may remain unless disturbed or damaged during demolition. <i>Note 1:</i> Final grade, finish surface layer with approximate 2" depth of compacted crushed gravel, stone or concrete (dense grade ≤ 3 inch) over removal areas and any other areas disturbed during demolition. <i>Note 2:</i> Deck, shed, and approximate 25 feet of wooden fence that runs West to East on East side of home to be removed (all other fencing remains). <i>Note 3:</i> Remnant foundation East of garage approximately 34 SF to be removed.	601 W Main St Waterford, WI 53185
2340-00-26	11	1,842 SF single family residence with full partially finished basement and one car detached garage. Wood frame construction, cement board siding, and asphalt shingles. Concrete/asphalt paving areas, concrete access walks, slabs and steps if applicable. Private well and septic. <i>Note:1</i> Final grade, finish to include full site restoration to any areas disturbed by removal with application of topsoil, seed, and mulch. <i>Note:2</i> Storage shed, deck, and approximately 50ft privacy fence to be removed.	14523 Spring St Yorkville, WI 53182

Perform the following:

1. Remove the structures from the premises.
2. Remove and dispose of all asbestos and hazardous materials in compliance to current local, state, and federal guidelines and laws, including asbestos not discovered in the pre-razing inspections included in these specifications. The most recent edition of any applicable standard, code, or regulation shall be in effect. Where conflict among the requirements of these specifications occurs, follow the most stringent. Only a qualified and certified asbestos removal contractor shall perform the removal of asbestos. If not licensed to remove asbestos, employ a certified subcontractor to perform this work. An inspection report for each building indicating the presence or absence of asbestos in exposed positions of the structure is included in this proposal, unless otherwise indicated.
3. The successful bidder shall arrange for the public and/or private utility companies to disconnect their services and remove meters. Make arrangements with the local

plumbing inspectors to inspect the abandonment of well and septic systems and/or sewer and water laterals. In accordance to state laws and administrative rules, licensed well driller and pump installer contractors shall accomplish all water well abandonment.

4. Conduct all demolition, removal, and backfilling operations in such a manner that all conflicts with vehicular traffic on adjacent streets and highways are avoided. Use barricades or fencing, or both, when needed to guarantee the safety of pedestrians or motorists.
5. Upon completion of the backfilling operations of the exposed basements and other openings, fine-grade and shape the area. *Note:* ID 2250-12-22, Parcel 2,3, and 4 - Final grade, finish surface layer with approximate 2” depth of compacted crushed gravel, stone or concrete (dense grade ≤ 3 inch) over removal areas and any other areas disturbed during demolition. . ID 1060-33-23, Parcel 24 and ID 2340-00-26 Parcel 11- Final grade finish to include full site restoration to any areas disturbed by removal with application of topsoil (conforming to standard spec 625.2), fertilize (conforming to standard spec 629.2.1.3), seed using #10 mixture (conforming to standard spec 630.2.1.5.1.1.1), and mulch (conforming to standard spec 627.3.1) right of way affected.

3. Prosecution and Progress.

Begin work within ten calendar days after the engineer issues a written notice to do so.

Give definite notice of intention to start work to the Wisconsin Department of Transportation, Southeast Region, Attn: Michael Jenders, 141 NW Barstow St., P.O. Box 798, Waukesha, WI 53187-0798, Phone (262) 548-5937, at least 72 hours in advance of beginning work.

Note: ID 1228-16-21 Parcel 1: may not be approved for razing operations prior to the execution of this contract. Do not commence razing operations on this parcel until receiving approval from Michael Jenders.

In the event that some structures are not vacant and available when the order to start is issued, begin work on the parcels that are vacant and available, and continue with operations until the available structures have been razed or removed, the resulting exposed basements removed in their entirety and removed from the site, and all openings backfilled. Notify the department’s representative when the vacated and available structures have been removed and the exposed openings backfilled. Suspend operations until the remaining structures become vacant and available; contract time will not be charged during such period of suspension. Resume work within ten days after the date the department representative has issued a written order to do so. In the event that a structure or structures are not available to the contractor within a period of 270 days subsequent to the execution of the contract by the State, due to their occupancy or other circumstances, the contractor

may have the option to request release of said unavailable structure or structures from the contract.

On those contracts executed under Option B, the contractor may, after the expiration of the period defined above, request the deletion of a parcel or parcels from the group in the contract. The deletion of a parcel or parcels shall be accomplished by contract change order negotiated at the price listed for such parcel in the contract.

However, should the contractor submit his bid under Option A, in which payment is made to the State by the contractor, and the above unavailable conditions should exist, the unavailable parcel or parcels shall be deleted from the contract. The unavailable parcel or parcels shall be released from the contract at no expense to the State, except for the return of the money in the amount or amounts entered and submitted for said parcel or parcels under contract change order.

The contract time affected by the deletion of the parcel or parcels will be terminated on the date of the last suspension date of the completion of the work of the last structure or structures.

Unless otherwise specifically provided, no additional or extra compensation or additional contract time will be allowed due to deferment or suspension of operations.

Should the contractor, whether the bid is submitted under Option "A" or Option "B", fail to complete the work within the time agreed upon in the contract or within such extra time as may be allowed by extension, there shall be liquidated damages deducted from any monies due the contractor, for each and every calendar day, including Sundays and holidays, that the work shall remain uncompleted, in accordance with standard spec 108.11. The sum shall be considered and treated not as a penalty, but as fixed, agreed, and liquidated damages due the State from the contractor by reason of inconvenience to the public, added cost of engineering and supervision, and other items that have caused an expenditure of public funds resulting from the failure to complete the work within the time specified in the contract.

Permitting the contractor to continue and finish the work or any part of it after the time fixed for its completion, or after the date to which the time for completion may have been extended, shall in no way operate as a waiver on the part of the department of any of its rights under the contract.

4. Proposal Requirements and Conditions.

Standard spec 102.1, Prequalifying Bidders, shall not apply to this contract; however, prior to awarding a contract, the department may require the bidder to produce evidence that he, she or it has performed work of a similar character in a satisfactory manner.

5. Subletting or Assignment of Contract.

Standard spec 108.1, which prescribes the minimum amount of work to be performed with the contractor's own organization, shall not apply to this contract. However, if a subcontractor (including, but not limited to, asbestos removal specialists) will be employed, the bidder shall attach the name, address and specialty of that contractor to the page of the bid in the spaces indicated for that use.

6. Award of Contract.

The department will consider the bids submitted in the proposal and reserve the right to award the work on the basis of lowest responsible bidder, meeting all terms and conditions of these specifications.

7. Cancellation of Contract.

In the event the building(s) should be so severely damaged by fire, windstorm, or other act of God as to materially impair the salvage value of the material contained therein after the bid has been made and submitted on the date and hour set forth and before the contract has been executed by the state and the contractor notified thereof, the contractor may file a request for the cancellation of the contract. If, upon finding by the department that such is the fact, the department will cancel the contract and relieve the contractor of all responsibility there under.

In the event, however, that the department should determine that such damage is only minor or inconsequential, the contractor will be required to fulfill the terms of this contract.

8. Standard Insurance Requirements.

Standard insurance requirements shall be in accordance with standard spec 107.26 and as hereinafter provided.

If this project includes only razing and removing of residential units, revise the insurance table provided in paragraph 1 of standard spec 107.26 as follows:

Type of Insurance	Minimum Limits Required*
1. Commercial General Liability Insurance; shall be endorsed to include blanket contractual liability coverage.	\$2 Million Combined Single Limits per Occurrence; may be subject to an Annual Aggregate Limit of not less than \$2 Million.

2. Workers' Compensation and Employer's Liability Insurance.

Workers' Compensation: Statutory Limits Employer's Liability:

Bodily Injury by Accident:
\$100,000 Each Accident

Bodily Injury by Disease:
\$500,000 Each Accident
\$100,000 Each Employee

3. Commercial Automobile Liability Insurance; shall cover all contractor-owned, non-owned, and hired vehicles used in carrying out the contract.

\$1 Million-Combined Single Limits Per Occurrence.

**The contractor may satisfy these requirements through primary insurance coverage or through a combination of primary and excess/umbrella policies.*

9. Traffic.

Maintain pedestrian and vehicular traffic on the roads and highways adjacent to these premises through the life of this contract.

10. Legal Relations and Responsibility to the Public.

Add the following to standard spec 107.3:

Procure all permits necessary to carry out the work, including those necessary while the roads and highways are obstructed either by operations or by the storage of equipment or materials.

The awarding of this contract does not guarantee the issuance of a permit to move any structures over state highways.

The contractor agrees not to move any of the structures within a proposed highway corridor of the State of Wisconsin.

Add the following to standard spec 107.8:

Notify the local law enforcement agency, fire department, and any surface transportation company that may be affected by the anticipated street obstructions or hazards.

Add the following to standard spec 107.22:

Notify the various public or municipal utility companies to disconnect and remove such of their facilities as may be in the buildings, or attached to them, sufficiently in advance of beginning razing operations to allow the utilities to make their disconnections.

11. Protection of Streams, Lakes and Reservoirs.

Standard spec 107.18 shall apply.

12. Underground Fuel Storage Tanks.

The successful bidder will be supplied with a copy of the Environmental Site Assessment for each parcel for which an assessment was deemed necessary or for sites on which underground storage tanks were removed. A private consultant will remove any tanks discovered during the Environmental Site Assessment before razing activities begin.

If tanks are discovered on the site during razing that were not removed as part of or in the absence of an Environmental Site Assessment, immediately cease razing operations on the site and contact the department. The department will hire a private consultant to remove the discovered tanks.

13. Asbestos Removal.

Comply with the requirements of the Environmental Protection Agency (EPA) regulations, National Emission Standards for Asbestos, the Occupational, Safety and Health Administration (OSHA) regulations on asbestos removal, all applicable Wisconsin Department of Natural Resources (DNR) regulations, and local government regulations. The most recent editions of all applicable standards, codes or regulations shall be in effect. Where conflict among the requirements of these specifications occurs, follow the most stringent. In addition, the following requirements apply to this work:

Any person performing asbestos abatement must comply with all training and certification requirements, rules, regulations and laws of the State of Wisconsin regarding asbestos removal. If you plan to demolish a building that may contain or is known to contain asbestos, proper notification must be provided to the Department of Natural Resources (DNR) and the Wisconsin Department of Health Services (DHS), at least 10 working days before starting the work. *Note: Wisconsin DNR Central Office phone: (608) 266-2621 – reference: DNR Form 4500-113 "Notification of Demolition and/or Renovation and Application for Permit Exemption". Wisconsin DHS Asbestos & Lead Section Central Office phone (608) 261-6876 - reference: DHS Form F-00041 "Asbestos Project Notification."*

Reference: <http://dnr.wi.gov/topic/Demo/Asbestos.html>

Reference: <http://dhs.wisconsin.gov/waldo>

Asbestos removal is considered incidental to razing and removing buildings and will not be measured for payment separately.

14. Notice to Department of Natural Resources.

When required, notify the Southeast Regional Office of the Department of Natural Resources (DNR) located at 2300 N. Dr. Martin Luther King Dr., P.O. Box 12436, Milwaukee, WI 53212 Phone (414) 263-8500, at least ten working days in advance of the contractor's intent to raze or otherwise remove each parcel. In the notice to DNR, include the address and type of building(s) to be razed or removed, the proposed date that each will be razed or removed, and the name of the licensed or approved landfill where the demolition waste will be disposed. Mail a copy of this notice within ten days of DNR notification to: WisDOT-DTSD-SE Region, Attn: Michael Jenders, PO Box 798, Waukesha, WI 53187-0798.

The contractor's failure to comply with the requirements of this article shall subject the contractor to a penalty of liquidated damages pursuant to standard spec 108.11. The liquidated damages formula will apply for each day in which the provisions of this article are not met.

The well abandonment subcontractor shall prepare and submit to the DNR the Well Abandonment Report form(s), required by law in the manner prescribed herein.

Provide copy of the Well Abandonment Report form(s), within 30 days of abandonment, to: WisDOT-DTSD- WisDOT-DTSD-SE Region, Attn: Michael Jenders, PO Box 798, Waukesha, WI 53187-0798.

15. Disposal of Materials.

Add the following to standard spec 104.8:

All salvage removed from the buildings, including fixtures and appurtenances such as screens and storm sash, shall be the property of the contractor and shall be entirely removed from the premises.

Clear the entire premises of all decomposable and combustible refuse, debris, and materials resulting from the removal of the buildings. Upon completion of the work, leave the entire premises in a neat condition. Do not deposit or leave decomposable or combustible refuse, debris, or materials resulting from the removal of the buildings on any state-owned lands,

or right-of-way of any highways, including any exposed openings resulting from razing activities.

All living trees, shrubs, evergreens and other vegetation shall remain the department's property. Use care to preserve as much of the landscaping as is reasonably possible.

16. Custody of the Building.

Upon written order by the department representative to commence work, the buildings and surrounding state-owned property shall be under the custody of the contractor. Nothing in this proposal shall be interpreted as setting forth the condition of any building or the appurtenances thereto. Except as otherwise provided herein, it is to be understood that the department accepts no responsibility for the protection of buildings and appurtenances against damages sustained either prior to or subsequent to the time of the letting of the work under this contract. The contractor shall take such measures as are necessary to safeguard the public from damages or injury.

While the buildings are in the contractor's custody, keep the buildings in a closed condition. Do not remove doors or windows from the buildings until the actual day of razing, unless all openings are sealed as approved by the engineer. Only the contractor and his subcontractor shall salvage building components. At all times, do not allow the general public in the buildings or on the grounds.

17. Removing Buildings.

Amend standard spec 204.3.2.3 to allow removal of buildings, by relocation, intact to a new site beyond the right of way limits.

If the contractor elects to move structure(s) from the parcels, regardless if bidding under Option A or B, but fails to remove the structure(s) from the premises by the time set forth earlier in this contract for completion, the contractor shall forfeit any and all rights, title and interest in the structure(s), and the structure(s) and any salvageable materials remaining on the premises shall revert to the ownership and control of the Wisconsin Department of Transportation to dispose of as it sees fit; but nothing shall in any way release the contractor from any of the contractor's duties, obligations or liability under the terms and provisions of this contract. The contractor shall not sell, nor in any manner transfer title of the structure(s) to a third party until the structure(s) is removed from the right-of-way limits.

The department has no knowledge regarding the condition of the structure(s) or their related components. The department cannot and does not warrant the condition of the structure(s) or their components, nor does the department warrant, guarantee, or imply the suitability of the structure(s) for moving.

18. Removal and Razing Operations.

This work shall be in accordance with standard spec 204 and as hereinafter provided.

Furnish all labor, equipment, tools, transportation, and incidentals necessary for the performance of the work.

Remove all concrete steps, concrete sidewalks, and concrete slabs from the premises.

In compliance with the ordinances and permit requirements of the municipality in which the buildings are situated, and in the presence of the local governing unit, a certified/licensed well driller, pump installer or water system operator shall seal or abandon all sewer and water lines and/or wells pursuant to Wisconsin Statute §280.30 and the Natural Resources portion of the Wisconsin Administrative Code covered under NR 811 and 812.

Until standing walls have been razed, the walls shall be reasonably and safely braced at all times to ensure complete safety during the wrecking operations.

Break and remove entirely from the site all basement walls, floors and footings.

Dispose of all non-hazardous demolition waste in a landfill licensed or approved in writing by the Department of Natural Resources and in accordance with NR500, Wisconsin Administrative Code. Failure to properly dispose of solid waste is a violation of State Solid Waste Statutes and Administrative code and is subject to issuance of a citation under Wisconsin Statute §287.81(2)(a).

Remove all hazardous materials from the site, only after proper notification and compliance with the department requirements of the Wisconsin Department of Natural Resources (DNR) and local government regulations.

Remove all material from the premises in a safe manner and in compliance with all applicable laws and ordinances. Do not disturb adjacent property.

19. Backfill.

Prior to any backfill operations, notify the regional office of the Department of Transportation to inspect all exposed areas resulting from the razing and removal operations. Contact Wisconsin Department of Transportation, Southeast Region, Attn: Michael Jenders, 141 NW Barstow St., P.O. Box 798, Waukesha, WI 53187-0798, Phone (262) 548-5937 for this inspection.

Ensure that all exposed basements and openings are free of all refuse and debris.

Backfill exposed basements and openings in accordance with standard spec 204.3.1.2 to the present surrounding ground elevation. Compaction of backfill shall be in accordance with standard spec 207.3.6.2. Furnish backfill meeting the requirements of standard spec 209 for use as backfill material.

Fill the septic systems with granular material and abandon all wells and/or sanitary sewers, if any, in compliance with all ordinances and permit requirements of the municipality in which the buildings are situated and those of the State of Wisconsin.

20. Fencing.

After removing the buildings, furnish and erect suitable fencing around the basement, porch openings, and other large open excavations to protect and safeguard the public from all hazardous conditions created by the operations. Install the fencing in such a manner to ensure that the general public is prevented from falling into any openings. The fence shall be a height of 52 inches, and the posts shall be at least 58-inches high and spaced at a distance no greater than ten feet apart. After all open excavations have been backfilled satisfactorily, remove the fencing.

ADDITIONAL SPECIAL PROVISION 4

Payment to First-Tier Subcontractors

Within 10 calendar days of receiving a progress payment for work completed by a subcontractor, pay the subcontractor for that work. The prime contractor may withhold payment to a subcontractor if, within 10 calendar days of receipt of that progress payment, the prime contractor provides written notification to the subcontractor and the department documenting "just cause" for withholding payment.

The prime contractor may also withhold routine retainage from payments due subcontractors.

Payment to Lower-Tier Subcontractors

Ensure that subcontracting agreements at all tiers provide prompt payment rights to lower-tier subcontractors that parallel those granted first-tier subcontractors in this provision.

Release of Routine Retainage

After granting substantial completion the department may reduce the routine retainage withheld from the prime contractor to 75 percent of the original total amount retained.

When the Department sends the semi-final estimate the department may reduce the routine retainage withheld from the prime contractor to 10 percent of the original total amount retained.

Within 30 calendar days of receiving the semi-final estimate from the department, submit written certification that subcontractors at all tiers are paid in full for acceptably completed work and that no routine retainage is being withheld. The department will pay the prime contractor in full and reduce the routine retainage withheld from the prime contractor to zero when the department approves the final estimate.

This special provision does not limit the right of the department, prime contractor, or subcontractors at any tier to withhold payment for work not acceptably completed or work subject to an unresolved contract dispute.

ADDITIONAL SPECIAL PROVISION 6**ASP 6 - Modifications to the standard specifications**

Make the following revisions to the standard specifications:

440.3.5.2 Corrective Actions for Localized Roughness

Replace paragraph two with the following effective with the September 2016 letting:

- (2) The engineer will not direct corrective action or assess a pay reduction for an area of localized roughness without physically riding that work. The engineer will not direct corrective action on bridges without authorization from the department's bureau of structures.
-

450.3.2.1 General

Replace the entire text with the following effective with the June 2016 letting:

450.3.2.1.1 Preparation and Paving Operations

- (1) Do not place asphaltic mixture when the air temperature approximately 3 feet above grade, in shade, and away from artificial heat sources is less than 36 F for upper layers or 32 F for lower layers unless the engineer allows in writing. The contractor should place HMA pavement for projects in the northern asphalt zone between May 1 and October 15 inclusive and for projects in the southern asphalt zone between April 15 and November 1 inclusive. CMM 4-53 figure 2 defines asphalt zones. Notify the engineer at least one business day before paving.
- (2) Unless the contract specifies otherwise, conform to the following:
 - Keep the road open to all traffic during construction.
 - Prepare the existing foundation for treatment as specified in 211.
 - Incorporate loose roadbed aggregate as a part of preparing the foundation, in shoulder construction, or dispose of as the engineer approves.
- (3) Place asphaltic mixture only on a prepared, firm, and compacted base, foundation layer, or existing pavement substantially surface-dry and free of loose and foreign material. Do not place over frozen subgrade or base, or where the roadbed is unstable.

450.3.2.1.2 Cold Weather Paving**450.3.2.1.2.1 General**

- (1) Conform to these cold weather paving provisions for work performed under the following:
 - The 460 HMA Pavement bid items.
 - The 465 Asphaltic Surface bid items.
 - Special provisions that require placing mixture conforming to the contract requirements under 460 for HMA pavement or under 465 for asphaltic surface.

450.3.2.1.2.2 Cold Weather Paving Plan

- (1) Submit a written cold weather paving plan to the engineer at the preconstruction meeting. In that plan outline material, operational, and equipment changes for paving when the air temperature approximately 3 feet above grade, in shade, and away from artificial heat sources is less than 40 F. Include the following:
 - Use a department-accepted HMA mix design that incorporates a warm mix additive from the department's approved products list. Do not use a foaming process that introduces water into the mix.
 - Identify the warm mix additive and dosage rate.
 - Identify modifications to the compaction process and when to use them.
- (2) Engineer written acceptance is required for the cold weather paving plan. Engineer acceptance of the plan does not relieve the contractor of responsibility for the quality of HMA pavement placed in cold weather except as specified in 450.5.2(3).

450.3.2.1.2.3 Cold Weather Paving Operations

- (1) Do not place asphaltic mixture when the air temperature approximately 3 feet above grade, in shade, and away from artificial heat sources is less than 40 F unless a valid engineer-accepted cold weather paving plan is in effect.

- (2) If the national weather service forecast for the construction area predicts ambient air temperature less than 40 F at the projected time of paving within the next 24 hours, confirm or submit revisions to the cold weather paving plan for engineer validation. Update the plan as required to accommodate the conditions anticipated for the next day's operations. Upon validation of the plan, the engineer will allow paving for the next day. Once in effect, pave conforming to the engineer-accepted cold weather paving plan for the balance of that work day or shift regardless of the temperature at the time of paving.

450.4 Measurement

Add the following as paragraph three effective with the June 2016 letting:

- (3) The department will measure HMA Cold Weather Paving by the ton of HMA mixture placed conforming to an engineer-accepted cold weather paving plan.

450.5 Payment

Replace the entire text with the following effective with the June 2016 letting:

450.5.1 General

- (1) All costs of furnishing, maintaining, and operating the truck scale or other weighing equipment and furnishing the weigh tickets are incidental to the contract.
- (2) Nonconforming material allowed to remain in place is subject to price adjustment under 105.3.2.
- (3) Full-depth sawing to remove integrally placed safety edge where not required is incidental to the contract.
- (4) The contractor is responsible for the quality of HMA placed in cold weather.

450.5.2 Cold Weather Paving

- (1) The department will pay for measured quantities at the contract unit price under the following bid items:

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
450.4000	HMA Cold Weather Paving	TON

- (2) Payment for HMA Cold Weather Paving is full compensation for additional materials and equipment specified for cold weather paving under 450.3.2.1.2 including costs for preparing, administering, and following the contractor's cold weather paving plan. The department will not pay for HMA Cold Weather Paving for HMA placed as follows:
- If the lot density is less than the minimum specified in table 460-3 for mixture placed under 460.
 - On days when the department is assessing liquidated damages.
- (3) If because of an excusable compensable delay under 108.10.3, the engineer directs the contractor to pave when the temperature is less than 36 F for the upper layer or less than 32 F for lower layers, the department:
- Will relieve the contractor of responsibility for damage and defects the engineer attributes to cold weather paving.
 - Will not assess disincentives for density or ride.
- (4) If HMA pavement is placed under 450.3.2.1.2 and the HMA Cold Weather Paving bid item is not in the contract, the department will pay for the additional costs specified in 450.5.2(2) as extra work. The department will pay separately for providing HMA pavement and HMA surface under 460.5, 465.5, and the contract special provisions.

460.3.4 Cold Weather Paving

Delete the entire subsection effective with the June 2016 letting:

460.5.1 General

Replace the entire text with the following effective with the June 2016 letting:

- (1) The department will pay for measured quantities at the contract unit price under the following bid items:

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
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460.5000 - 5999	HMA Pavement (gradation) LT (binder)(designation)	TON
460.6000 - 6999	HMA Pavement (gradation) MT (binder)(designation)	TON
460.7000 - 7999	HMA Pavement (gradation) HT (binder)(designation)	TON
460.8000 - 8999	HMA Pavement (gradation) SMA (binder)(designation)	TON
460.2000	Incentive Density HMA Pavement	DOL

460.5.2.2 Disincentive for HMA Pavement Density

Replace paragraph two with the following effective with the June 2016 letting:

- (2) The department will not assess density disincentives for pavement placed in cold weather because of a department-caused delay as specified in 450.5.2(3).

460.5.2.4 Cold Weather Paving

Delete the entire subsection effective with the June 2016 letting:

501.2.6 Fly Ash

Replace paragraph four with the following effective with the July 2016 letting:

- (4) Use only one source of fly ash for a bid item of work under the contract, unless the engineer directs or allows otherwise in writing.

502.3.7.8 Floors

Replace paragraph sixteen with the following effective with the September 2016 letting:

- (16) The finished bridge floor shall conform to the surface test specified in 415.3.10. The engineer will not direct corrective grinding without authorization from the department's bureau of structures.

550.5.2 Piling

Add the following as paragraph three effective with the December 2015 letting:

- (3) The department will not entertain a change order request for a differing site condition under 104.2.2.2 or for a quantity change under 104.2.2.4.3 for the Piling bid items. Instead the department will adjust pay under the Piling Quantity Variation administrative item if the total driven length of each size is less than 85 percent of, or more than 115 percent of the contract quantity as follows:

Percent of Contract Length Driven	Pay Adjustment
< 85	(85% contract length - driven length) x 20% unit price
> 115	(driven length - 115% contract length) x 5% unit price

643.2.1 General

Replace paragraph two with the following effective with the December 2015 letting:

- (2) Use reflective sheeting from the department's approved products list on barricades, drums, and flexible tubular marker posts.

715.3.1.2.1 General

Replace paragraph one with the following effective with the July 2016 letting:

- (1) Designate the location and size of all lots before placing concrete. Ensure that no lot contains concrete of more than one mix design or placement method defined within 715.3.1.2 as follows:

Mix design change A modification to the mix requiring the engineer's approval under 710.4(5).

For paving mixes, a source change under item 1 of 710.4(5) for fly ash of the same class that does not require a modification under items 2 through 4 of 710.4(5) does not constitute a mix design change.

Placement method Either slip-formed, not slip-formed, or placed under water.

Errata

Make the following corrections to the standard specifications:

460.2.7 HMA Mixture Design - TABLE 460-2 MIXTURE REQUIREMENTS

Correct errata in the Fractured Faces row of table 460-2 to reference ASTM D5821.

Fractured Faces (ASTM D5821) (one face/2 face, % by count)	60 / __	65 / __	75 / 60	85 / 80	98 / 90	100/100	100/90
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Correct errata in footnote two of table 460-2 to reference AASHTO M323.

^[2] For a gradation that passes below the boundaries of the caution zone (ref. AASHTO M323), the dust to binder ratio limits are 0.6 - 1.6.

641.2.9 Overhead Sign Supports

Correct errata adding back accidentally deleted paragraphs one through three.

- (1) Provide commercially fabricated overhead sign supports conforming to AASHTO design and fabrication standards for structural supports for highway signs, luminaires, and traffic signals. Use a design life of 50 years with a wind importance factor of 1.00. Design to withstand a 3 second gust wind speed of 90 mph. Do not use the methods of appendix C of those AASHTO standards.
- (2) Design structures, listed as applicable structure types in the AASHTO standards, to the fatigue category criteria as follows:
 1. Structures carrying variable message signs:
 - Category I criteria for structures over all roadway types.
 2. Structures carrying type II or III signs:
 - Category I criteria for structures used over highways and free flow ramps.
 - Category II criteria for structures with arms greater than 30 feet used over local roads and city streets.
 - Category III criteria for structures with arms 30 feet or less used over local roads and city streets.
- (3) Use the posted speed limit of the roadway beneath the structure for truck-induced gusts.
- (4) Submit shop drawings identified by structure number, design computations, and material specifications, to the engineer before erecting sign supports. Provide tightening procedures for mast arm or luminaire arm to pole shaft connections on the shop drawings. Have a professional engineer registered in the state of Wisconsin sign, seal, and date the shop drawings and certify that the design conforms to AASHTO standards and the contract.
- (5) Provide steel pole shafts and mast arms zinc coated according to ASTM A123. Provide tapered pole and arm shafts with a minimum taper of 0.14 inch per foot for single-member vertical and single-member horizontal structure components. Provide bolts and other hardware conforming to 641.2.2.

Non-discrimination Provisions

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees as follows:

1. Compliance with Regulations: The contractor (hereinafter includes consultants) will comply with the Acts and the Regulations relative to Non-discrimination in Federally-assisted programs of the U.S. Department of Transportation, Federal Highway Administration, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.

2. Non-discrimination: The contractor, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor will not participate directly or indirectly in the discrimination prohibited by the Acts and the Regulations, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR Part 21.

3. Solicitations for Subcontracts, Including Procurements of Materials and Equipment: In all solicitations, either by competitive bidding, or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the contractor of the contractor's obligations under this contract and the Acts and the Regulations relative to Non-discrimination on the grounds of race, color, or national origin.

4. Information and Reports: The contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Recipient or the Federal Highway Administration to be pertinent to ascertain compliance with such Acts, Regulations, and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the contractor will so certify to the Recipient or the Federal Highway Administration, as appropriate, and will set forth what efforts it has made to obtain the information.

5. Sanctions for Noncompliance: In the event of a contractor's noncompliance with the Non-discrimination provisions of this contract, the Recipient will impose such contract sanctions as it or the Federal Highway Administration may determine to be appropriate, including, but not limited to:

- a. Withholding payments to the contractor under the contract until the contractor complies; and/or
- b. Cancelling, terminating, or suspending a contract, in whole or in part.

6. Incorporation of Provisions: The contractor will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations and directives issued pursuant thereto. The contractor will take action with respect to any subcontract or procurement as the Recipient or the Federal Highway Administration may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the contractor becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the contractor may request the Recipient to enter into any litigation to protect the interests of the Recipient. In addition, the contractor may request the United States to enter into the litigation to protect the interests of the United States.

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

Pertinent Non-Discrimination Authorities:

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21.
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 et seq.), (prohibits discrimination on the basis of sex);
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 et seq.), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27;
- The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131-12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38;
- The Federal Aviation Administration's Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);

- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures Non-discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of Limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq).

Effective August 2015 letting

BUY AMERICA PROVISION

All steel and iron materials permanently incorporated in this project shall be domestic products and all manufacturing and coating processes for these materials from smelting forward in the manufacturing process must have occurred within the United States. Coating includes epoxy coating, galvanizing, painting and any other coating that protects or enhances the value of a material subject to the requirements of Buy America. The exemption of this requirement is the minimal use of foreign materials if the total cost of such material permanently incorporated in the product does not exceed one-tenth of one percent (1/10 of 1%) of the total contract cost or \$2,500.00, whichever is greater. For purposes of this paragraph, the cost is that shown to be the value of the subject products as they are delivered to the project. The contractor shall take actions and provide documentation conforming to CMM 2-28.5 to ensure compliance with this "Buy America" provision.

<http://wisconsindot.gov/rdwy/cmm/cm-02-28.pdf>

Upon completion of the project certify to the engineer, in writing using department form WS4567, that all steel, iron, and coating processes for steel or iron incorporated into the contract work conform to these "Buy America" provisions. Attach a list of exemptions and their associated costs to the certification form. Department form WS4567 is available at:

<http://wisconsindot.gov/hcciDocs/contracting-info/ws4567.doc>

Effective with September 2004 Letting

**WISCONSIN DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS AND TRANSPORTATION FACILITIES**

SUPPLEMENTAL REQUIRED CONTRACT PROVISIONS

- I. Wage Rates, Hours of labor and payment of Wages
- II. Payroll Requirements
- III. Postings at the Site of the Work
- IV. Affidavits
- V. Wage Rate Redistribution
- VI. Additional Classifications

I. WAGE RATES, HOURS OF LABOR AND PAYMENT OF WAGES

The schedule of "Minimum Wage Rates" attached hereto and made a part hereof furnishes the prevailing wage rates that have been determined pursuant to Section 103.50 of the Wisconsin Statutes. These wage rates are the minimum required to be paid to the various laborers, workers, mechanics and truck drivers employed by contractors and subcontractors on the construction work embraced by the contract and subject to prevailing hours and wages under Section 103.50, Stats. If necessary to employ laborers, workers, mechanics or truck drivers whose classification is not listed on the schedule, they shall be paid at rates conformable to those listed for similar classifications. Apprentices shall be paid at rates not less than those prescribed in their state indenture contracts.

While the wage rates shown are the minimum rates required by the contract to be paid during its life, this is not a representation that labor can be obtained at these rates. It is the responsibility of bidders to inform themselves as to the local labor conditions and prospective changes or adjustments of wage rates. No increase in the contract price shall be allowed or authorized on account of the payment of wage rates in excess of those listed herein.

Pursuant to Section 103.50 of the Wisconsin Statutes, the prevailing hours of labor have been determined to be up to 10 hours per day and 40 hours per calendar week Monday through Friday. If any laborer, worker, mechanic or truck driver is permitted or required to work more than the prevailing number of hours per day or per calendar week on this contract, they shall be paid for all hours in excess of the prevailing hours at a rate of at least one and one-half (1 1/2) times their hourly rate of pay. All work on Saturday, Sunday and the following holidays is to be paid at time and a half: (1) January 1, (2) the last Monday in May, (3) July 4, (4) the first Monday in September, (5) the fourth Thursday in November, (6) December 25, (7) the day before if January 1, July 4 or December 25 falls on a Saturday and (8) the day following if January 1, July 4 or December 25 falls on a Sunday.

All laborers, workers, mechanics and truck drivers shall be paid unconditionally not less often than once a week. Persons who own and operate their own trucks must receive the prevailing truck driver rate for the applicable type of truck (i.e. 2 axle, 3 or more axle, articulated, eculid or dumptor) he or she operates, plus an agreed upon amount for the use of his or her truck. Every owner-operator MUST be paid separately for their driving and for the use of their truck.

For those projects subject to the requirements of the Davis-Bacon Act, the Secretary of Labor will also have determined "Minimum Wage Rates" for work to be performed under the contract. These rates are, for all or most of the labor, worker, mechanic or truck driver classifications, identical to those established under Section 103.50 of the Wisconsin Statutes. In the event the rates are not identical, the higher of the two rates will govern.

II. PAYROLL REQUIREMENTS

All contractors and subcontractors must submit weekly Certified Payrolls and Compliance Statement verifying that all laborers, workers, mechanics and truck drivers working on the project have been paid the prevailing wage rates for all work performed under the contract required by Section 103.50 of the Wisconsin Statutes.

III. POSTINGS AT THE SITE OF THE WORK

In addition to the required postings furnished by the Department, the contractor shall post the following in at least one conspicuous place at the site of work:

- a. "NOTICE TO EMPLOYEES," which provides information required to be posted by the provisions of Section 103.50 of the Wisconsin Statutes.
- b. A copy of the State of Wisconsin Minimum Wages Rates. (Four pages.)
- c. A copy of the contractor's Equal Employment Opportunity Policy.
- d. On any project involving federal aid, in addition to the furnished postings, the contractor shall post a copy of the "Davis-Bacon Act, Minimum Wage Rates". (Three pages.)

IV. WAGE RATE REDISTRIBUTION

The amount specified as the hourly basic rate of pay and the amount(s) specified as the fringe benefit contribution(s), for all classes of laborers, workers, mechanics or truck drivers may be redistributed, when necessary, to conform to those specified in any applicable collective bargaining agreement, provided that both parties to such agreement

request and receive the approval for any such redistribution from both the Department of Transportation and the Department of Workforce Development prior to the implementation of such redistribution.

V. ADDITIONAL CLASSIFICATIONS

Any unlisted laborer or mechanic classification that is needed to perform work on this project, and is not included within the scope of any of the classifications listed in the application prevailing wage rate determination, may be added after award only if all of the following criteria have been met:

1. The affected employer(s) must make a written request to WisDOT Central Office to utilize the unlisted classification on this project.
2. The request must indicate the scope of the work to be performed by the unlisted classification and must indicate the proposed wage/fringe benefit package that the unlisted classification is to receive.
3. The work to be performed by the unlisted classification must not be performed by a classification that is included in the applicable prevailing wage rate determination.
4. The unlisted classification must be commonly employed in the area where the project is located.
5. The proposed wage/fringe benefit package must bear a reasonable relationship to those set forth in the applicable prevailing wage rate determination.
6. The request should be made prior to the actual performance of the work by the unlisted classification.
7. DWD must approve the use of the unlisted classification and the proposed wage/fringe benefit package. USDOL also must approve the use of the unlisted classification and the proposed wage/fringe benefit package on federal aid projects.
8. WisDOT and DWD may amend the proposed wage/fringe benefit package, as deemed necessary, and may set forth specific employment ratios and scope of work requirements in the approval document.

The approved wage/fringe benefit package shall be paid to all laborers, workers, mechanics or truck drivers performing work within the scope of that performed by the unlisted classification, from the first day on which such work is performed. In the event that work is performed by the unlisted classification prior to approval, the wage/fringe benefit package to be paid for such work must be in conformance with the wage/fringe

benefit package approved for such work. Under this arrangement a retroactive adjustment in wages and/or fringe benefits may be required to be made to the affected laborers, workers, mechanics or truck drivers by the affected employer(s).

State of Wisconsin Department of Workforce Development Equal Rights Division	DEPARTMENTAL ORDER
ISSUE DATE: 7/12/2016	
PROJECT:	
RAZING AND REMOVING BUILDING STATE HIGHWAY PROJECT ID 1060-33-23 AND 1228-16-21 WAUWATOSA CITY, MILWAUKEE COUNTY, WI Determination No. 201602024 [Owner Project No. 1060-33-23]	
PROJECT OWNER:	REQUESTER:
MICHAEL JENDERS, REAL ESTATE SPECIALIST WI DEPARTMENT OF TRANSPORTATION 141 NW BARSTOW ST PO BOX 798 WAUKESHA, WI 531870798	MICHAEL JENDERS, REAL ESTATE SPECIALIST DEPARTMENT OF TRANSPORTATION 141 NW BARSTOW ST PO BOX 798 WAUKESHA, WI 531870798
ADDITIONAL CONTACT:	NOTE: The Requester must provide a copy of this Project Determination and enclosures to the Project Owner and Additional Contact.
<p>The department received an application for prevailing wage rate determination for the above-captioned project. The department conducted a survey to determine the prevailing wage rate for the trade(s) or occupation(s) needed to complete the project. The survey's findings appear in the attached project determination.</p> <p>If you believe that the wage rate for any trade or occupation does not accurately reflect the prevailing wage rate in the city, village or town where the project is located, you may ask the department to conduct an administrative review of such wage rate. You must submit this request in writing within 30 days from the date indicated above. Additionally, your request must include wage rate information from at least three similar projects in the city, village or town where the proposed project is located and on which some work has been performed by the contested trade(s) during the current survey period and was previously considered by the department in issuing the attached determination. See DWD 290.10 of the Wisconsin Administrative Code and either s. 66.0903(3)(br), Stats., or s. 103.49(3)(c), Stats., for a complete explanation of the administrative review process.</p> <p>Enclosures</p>	
<p>It is hereby ordered that the prevailing wage rates set forth in the attached project determination shall only be applicable to the above referenced project. This order is a FINAL ORDER of the department unless a timely request for an administrative review is filed with the department.</p> <p>ISSUED BY:</p> <p style="text-align: center;"> Equal Rights Division Labor Standards Bureau Construction Wage Standards Section P.O. Box 8928, Madison, WI 53708-8928 (608)266-6861 </p> <p style="text-align: center;"> Web Site: http://dwd.wisconsin.gov/er/ </p>	

PREVAILING WAGE RATE DETERMINATION

Issued by the State of Wisconsin
Department of Workforce Development
Pursuant to s. 103.49, Wis. Stats.
Issued On: 7/12/2016

DETERMINATION NUMBER: 201602024

EXPIRATION DATE: Prime Contracts MUST Be Awarded or Negotiated On Or Before 1/8/2017. If NOT, You MUST Reapply.

PROJECT NAME: RAZING AND REMOVING BUILDINGS PROJECT ID 1060-33-23 AND 1228-16-21
PROJECT NO: 1060-33-23

PROJECT LOCATION: WAUWATOSA CITY, MILWAUKEE COUNTY, WI

CONTRACTING AGENCY: WI DEPARTMENT OF TRANSPORTATION

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:	<p>Time and one-half must be paid for all hours worked:</p> <ul style="list-style-type: none">- 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. <p>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.</p> <p>A DOT Premium (discussed below) may supersede this time and one-half requirement.</p>
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, whenever 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 journey person'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 state agency projects of public works and are set forth below pursuant to the requirements of s. 103.49(3)(a), Stats.

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. 103.49 (2) PREVAILING WAGE RATES AND HOURS OF LABOR.

Any contract made for the erection, construction, remodeling, repairing, or demolition of any project of public works to which the state or any state agency is a party shall contain a stipulation that no person performing the work described in sub. (2m) may be permitted to work a greater number of hours per day or per week than the prevailing hours of labor, except that any such person may be permitted or required to work more than such prevailing hours of labor per day and per week if he or she is paid for all hours worked in excess of the prevailing hours of labor at a rate of at least 1.5 times his or her hourly basic rate of pay; nor may he or she be paid less than the prevailing wage rate determined under sub. (3) in the same or most similar trade or occupation in the area in which the project of public works is situated. A reference to the prevailing wage rates determined under sub. (3) and the prevailing hours of labor shall be published in the notice issued for the purpose of securing bids for the project. If any contract or subcontract for a project of public works that is subject to this section is entered into, the prevailing wage rates determined under sub. (3) and the prevailing hours of labor shall be physically incorporated into and made a part of the contract or subcontract, except that for a minor subcontract, as determined by the department, the department shall prescribe by rule the method of notifying the minor subcontractor of the prevailing wage rates and prevailing hours of labor applicable to the minor subcontract. The prevailing wage rates and prevailing hours of labor applicable to a contract or subcontract may not be changed during the time that the contract or subcontract is in force.

s. 103.49 (6M) LIABILITY AND PENALTIES.

- (ag) 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 in subd. 2., 3., whichever is applicable.
2. If the department determines upon inspection under sub. (5) (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.

(am) Except as provided in pars. (b), (d) and (f), any contractor, subcontractor or contractor's or subcontractor's agent who violates this section may be fined not more than \$200 or imprisoned for not more than 6 months or both. Each day that a violation continues is a separate offense.

(b) Whoever induces any person who seeks to be or is employed on any project of public works that is subject to this section to give up, waive, or return any part of the wages to which the person is entitled under the contract governing the project, or who reduces the hourly basic rate of pay normally paid to a person for work on a project that is not subject to this section during a week in which the person works both on a project of public works that is subject to this section and on a project that is not subject to this section, by threat not to employ, by threat of dismissal from employment, or by any other means is guilty of an offense under s. 946.15 (1).

(c) Any person employed on a project of public works that is subject to this section who knowingly permits a contractor, subcontractor, or contractor's or subcontractor's agent to pay him or her less than the prevailing wage rate set forth in the contract governing the project, who gives up, waives, or returns any part of the compensation to which he or she is entitled under the contract, or who gives up, waives, or returns any part of the compensation to which he or she is normally entitled for work on a project that is not subject to this section during a week in which the person works both on a project of public works that is subject to this section and on a project that is not subject to this section, is guilty of an offense under s. 946.15 (2).

(d) Whoever induces any person who seeks to be or is employed on any project of public works that is subject to this section to permit any part of the wages to which the person is entitled under the contract governing the project to be deducted from the person's pay is guilty of an offense under s. 946.15 (3), unless the deduction would be permitted under 29 CFR 3.5 or 3.6 from a person who is working on a project that is subject to 40 USC 3142.

(e) Any person employed on a project of public works that is subject to this section who knowingly permits any part of the wages to which he or she is entitled under the contract governing the project to be deducted from his or her pay is guilty of an offense under s. 946.15 (4), unless the deduction would be permitted under 29 CFR 3.5 or 3.6 from a person who is working on a project that is subject to 40 USC 3142.

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 <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
101	Acoustic Ceiling Tile Installer Future Increase(s): Add \$1.65/hr on 6/1/2016.	35.28	20.96	56.24
102	Boilermaker	30.21	21.97	52.18
103	Bricklayer, Blocklayer or Stonemason Future Increase(s): 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.	36.74	19.26	56.00
104	Cabinet Installer Future Increase(s): Add \$1.65/hr on 6/1/2016.	35.28	20.96	56.24
105	Carpenter Future Increase(s): 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.	35.28	20.96	56.24
106	Carpet Layer or Soft Floor Coverer Future Increase(s): Add \$1.65/hr on 6/1/2016.	35.28	20.96	56.24
107	Cement Finisher Future Increase(s): Add \$1.45 on 05/31/2016	32.88	19.88	52.76
108	Drywall Taper or Finisher Future Increase(s): Add \$1.00/hr eff. 06/01/2016; Add \$1.05/hr eff. 06/01/2017	30.42	21.19	51.61
109	Electrician Future Increase(s): Add \$1.60 on 6/1/16; Add \$1.70 on 6/1/17 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.	35.13	23.19	58.32

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
110	Elevator Constructor	43.84	27.09	70.93
111	Fence Erector	24.73	19.69	44.42
112	Fire Sprinkler Fitter	39.66	21.11	60.77
113	Glazier Future Increase(s): Add \$.90/hr eff. 06/01/2016	34.45	18.99	53.44
114	Heat or Frost Insulator	33.53	27.31	60.84
115	Insulator (Batt or Blown)	23.62	11.55	35.17
116	Ironworker	30.77	23.72	54.49
117	Lather	34.13	20.61	54.74
118	Line Constructor (Electrical)	40.81	18.06	58.87
119	Marble Finisher	25.72	18.54	44.26
120	Marble Mason	35.89	18.77	54.66
121	Metal Building Erector	19.00	2.00	21.00
122	Millwright Future Increase(s): Add \$1.35/hr on 6/1/2016.	29.78	26.38	56.16
123	Overhead Door Installer	28.73	0.00	28.73
124	Painter Future Increase(s): 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.	30.07	21.19	51.26
125	Pavement Marking Operator	30.00	19.61	49.61
126	Piledriver Future Increase(s): Add \$1.60/hr on 6/1/2016. Premium Increase(s): Add \$.65/hr for Piledriver Loftsmen; Add \$.75/hr for Sheet Piling Loftsmen. 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.	30.58	27.54	58.12
127	Pipeline Fuser or Welder (Gas or Utility)	41.01	21.54	62.55
129	Plasterer	30.22	20.53	50.75

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
130	Plumber Future Increase(s): Add \$2/hr on 6/1/16; Add \$2/hr on 6/1/17.	39.62	20.12	59.74
132	Refrigeration Mechanic Future Increase(s): Add \$2.00 on 6/1/16; Add \$2.00 on 6/1/17	42.36	21.99	64.35
133	Roofer or Waterproofor	29.65	18.61	48.26
134	Sheet Metal Worker	37.91	21.05	58.96
135	Steamfitter Future Increase(s): Add \$2.00 on 6/1/16; Add \$2.00 on 6/1/17	42.36	21.99	64.35
137	Teledata Technician or Installer 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.	26.00	17.74	43.74
138	Temperature Control Installer	41.01	21.54	62.55
139	Terrazzo Finisher	25.72	18.54	44.26
140	Terrazzo Mechanic Future Increase(s): Add \$1.45 on 06/06/2016	31.59	19.60	51.19
141	Tile Finisher	30.00	0.00	30.00
142	Tile Setter	30.18	17.34	47.52
143	Tuckpointer, Caulker or Cleaner	34.28	18.60	52.88
144	Underwater Diver (Except on Great Lakes)	36.74	16.00	52.74
146	Well Driller or Pump Installer Future Increase(s): Add \$1/hr on 6/1/2016; Add \$1/hr on 6/1/2017.	25.32	16.40	41.72
147	Siding Installer	17.00	6.71	23.71
150	Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	36.73	20.41	57.14
151	Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	32.65	14.96	47.61
152	Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	28.57	13.71	42.28
153	Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	26.53	13.55	40.08
154	Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	25.00	12.55	37.55

TRUCK DRIVERS

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
201	Single Axle or Two Axle	34.47	18.70	53.17
203	Three or More Axle	20.00	18.19	38.19
204	Articulated, Euclid, Dumptor, Off Road Material Hauler Future Increase(s): Add \$1.60/hr on 5/30/2016.	33.02	19.15	52.17
205	Pavement Marking Vehicle	20.00	18.19	38.19
207	Truck Mechanic	20.00	18.19	38.19

LABORERS

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
301	General Laborer	29.01	17.39	46.40
302	Asbestos Abatement Worker	19.00	0.00	19.00
303	Landscaper	14.00	11.63	25.63
310	Gas or Utility Pipeline Laborer (Other Than Sewer and Water)	20.83	18.39	39.22
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	18.53	0.00	18.53
314	Railroad Track Laborer	17.00	5.43	22.43
315	Final Construction Clean-Up Worker	29.01	17.39	46.40

**HEAVY EQUIPMENT OPERATORS
SITE PREPARATION, UTILITY OR LANDSCAPING WORK ONLY**

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
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 Mfg'r's Rated Capacity of 130,000 Lbs. or Over; Backhoe (Track Type) Having a Mfg'r'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 \$1.60/hr on 5/30/2016.	35.52	19.15	54.67
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 \$1.60/hr on 5/30/2016.	35.52	19.15	54.67
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 \$1.60/hr on 5/30/2016.	35.22	19.15	54.37
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. Future Increase(s): Add \$1.25/hr on 1/1/2017. Premium Increase(s): Add \$.50/hr for Friction Crane, Lattice Boom or Crane Certification (CCO).	44.05	23.24	67.29

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
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. Future Increase(s): Add \$1.25/hr on 1/1/2017.	39.20	23.09	62.29
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.	36.72	21.15	57.87

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

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
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. 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.	41.66	20.65	62.31
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). Premium Increase(s): Crane Operators with CCO certification add \$.50/hr.	41.16	20.65	61.81
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). Premium Increase(s): Crane Operators with CCO certification add \$.50/hr.	40.66	20.65	61.31

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
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).	39.97	20.65	60.62
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.	38.09	20.65	58.74
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.	32.94	20.65	53.59
514	Gas or Utility Pipeline, Except Sewer & Water (Primary Equipment). Future Increase(s): Add \$1/hr on 5/30/2016.	37.04	22.44	59.48
515	Gas or Utility Pipeline, Except Sewer & Water (Secondary Equipment).	34.76	20.30	55.06
516	Fiber Optic Cable Equipment	21.00	0.00	21.00

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

SKILLED TRADES

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
103	Bricklayer, Blocklayer or Stonemason	35.89	18.77	54.66
105	Carpenter	34.13	20.61	54.74
107	Cement Finisher Future Increase(s): 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.	31.44	22.39	53.83
109	Electrician Future Increase(s): Add \$1.60 on 6/1/16; Add \$1.70 on 6/1/17 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.	35.13	23.19	58.32
111	Fence Erector	24.73	19.69	44.42
116	Ironworker	32.50	20.58	53.08
118	Line Constructor (Electrical)	40.81	18.06	58.87
125	Pavement Marking Operator	30.00	19.61	49.61
126	Piledriver	30.11	26.51	56.62
130	Plumber Future Increase(s): Add \$1.50 on 6/1/16	39.95	19.45	59.40
135	Steamfitter	41.01	21.54	62.55
137	Teledata Technician or Installer	25.63	17.25	42.88
143	Tuckpointer, Caulker or Cleaner	34.28	18.60	52.88
144	Underwater Diver (Except on Great Lakes)	31.00	20.43	51.43
146	Well Driller or Pump Installer Future Increase(s): Add \$1/hr on 6/1/2016; Add \$1/hr on 6/1/2017.	25.32	16.40	41.72

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
150	Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	36.73	15.92	52.65
151	Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	32.65	14.96	47.61
152	Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	28.57	13.71	42.28
153	Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	26.53	13.55	40.08
154	Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	22.45	11.84	34.29

TRUCK DRIVERS

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
201	Single Axle or Two Axle	19.00	0.00	19.00
203	Three or More Axle	19.00	0.00	19.00
204	Articulated, Euclid, Dumptor, Off Road Material Hauler	33.69	19.78	53.47
205	Pavement Marking Vehicle	19.00	0.00	19.00
207	Truck Mechanic	19.00	0.00	19.00

LABORERS

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
301	General Laborer Future Increase(s): 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.	29.73	18.32	48.05
303	Landscaper	41.00	0.00	41.00
304	Flagperson or Traffic Control Person	19.31	15.21	34.52
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	18.53	0.00	18.53
314	Railroad Track Laborer	17.00	5.43	22.43

**HEAVY EQUIPMENT OPERATORS
SEWER, WATER OR TUNNEL WORK**

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
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. Premium Increase(s): Add \$.25/hr for operating tower crane.	38.09	20.80	58.89
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). Premium Increase(s): Add \$.25/hr for operating tower crane.	37.31	20.80	58.11
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). Premium Increase(s): Add \$.25/hr for operating tower crane.	36.36	20.80	57.16

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
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.	33.69	21.75	55.44
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. Premium Increase(s): Add \$.25/hr for operating tower crane.	33.91	20.80	54.71
526	Boiler (Temporary Heat); Forklift; Greaser; Oiler.	31.89	20.15	52.04
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.	36.72	21.15	57.87
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.	36.72	21.15	57.87

LOCAL STREET OR MISCELLANEOUS PAVING CONSTRUCTION
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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

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
103	Bricklayer, Blocklayer or Stonemason	35.89	18.77	54.66
105	Carpenter Future Increase(s): 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.	33.02	17.12	50.14
107	Cement Finisher	34.95	19.38	54.33
109	Electrician Future Increase(s): Add \$1.60 on 6/1/16; Add \$1.70 on 6/1/17 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.	35.13	23.19	58.32
111	Fence Erector	24.73	19.69	44.42
116	Ironworker	30.77	23.72	54.49
118	Line Constructor (Electrical)	40.81	18.06	58.87
124	Painter	29.62	20.74	50.36
125	Pavement Marking Operator	30.00	19.61	49.61
126	Piledriver Future Increase(s): Add \$1.44/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.	33.56	17.12	50.68
133	Roofer or Waterproofer	29.65	18.61	48.26
137	Teledata Technician or Installer	25.63	17.25	42.88
143	Tuckpointer, Caulker or Cleaner	34.28	18.60	52.88
144	Underwater Diver (Except on Great Lakes)	36.74	16.00	52.74
150	Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	36.73	15.92	52.65

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
151	Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	32.65	14.96	47.61
152	Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	28.57	13.71	42.28
153	Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	26.53	13.55	40.08
154	Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	22.45	11.84	34.29

TRUCK DRIVERS

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
201	Single Axle or Two Axle	19.00	0.00	19.00
203	Three or More Axle	19.00	0.00	19.00
204	Articulated, Euclid, Dumptor, Off Road Material Hauler Future Increase(s): Add \$1.60/hr on 6/3/2016.	34.69	20.38	55.07
205	Pavement Marking Vehicle	19.00	0.00	19.00
206	Shadow or Pilot Vehicle	19.00	0.00	19.00
207	Truck Mechanic	19.00	0.00	19.00

LABORERS

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
301	General Laborer	29.01	17.39	46.40
303	Landscaper Future Increase(s): 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).	27.51	20.63	48.14
304	Flagperson or Traffic Control Person	19.31	15.21	34.52
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	18.53	0.00	18.53

314	Railroad Track Laborer	17.00	5.43	22.43
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**HEAVY EQUIPMENT OPERATORS
CONCRETE PAVEMENT OR BRIDGE WORK**

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
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 \$1.60/hr on 6/3/2016. Premium Increase(s): Add \$.50/hr for >200 Ton; Add \$1/hr at 300 Ton; Add \$1.50/hr at 400 Ton; Add \$2/hr at 500 Ton & Over.	37.67	20.38	58.05
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 \$1.30/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://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/prevaling-wage-compliance.aspx .	37.77	21.85	59.62

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
543	<p>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.</p> <p>Future Increase(s): Add \$1.30/hr on 6/1/2016; Add \$1.25/hr on 6/1/2017.</p> <p>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://wisconsin.gov/Pages/doing-bus/civil-rights/labornwage/prevaling-wage-compliance.aspx.</p>	37.27	21.85	59.12
544	<p>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 Sawyer (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.</p> <p>Future Increase(s): Add \$1.30/hr on 6/1/2016; Add \$1.25/hr on 6/1/2017.</p> <p>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://wisconsin.gov/Pages/doing-bus/civil-rights/labornwage/prevaling-wage-compliance.aspx.</p>	37.27	21.85	59.12

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
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.	31.62	19.78	51.40
546	Fiber Optic Cable Equipment.	21.00	0.00	21.00
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. Future Increase(s): Add \$1.25/hr on 1/1/2017. Premium Increase(s): Add \$.50/hr for Friction Crane, Lattice Boom or Crane Certification (CCO).	44.05	23.24	67.29
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.	36.72	21.15	57.87
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.	36.72	21.15	57.87

**HEAVY EQUIPMENT OPERATORS
ASPHALT PAVEMENT OR OTHER WORK**

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
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.	36.67	19.78	56.45

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
552	<p>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.</p> <p>Future Increase(s): Add \$1.30/hr on 6/1/2016; Add \$1.25/hr on 6/1/2017.</p> <p>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://wisconsin.gov/Page%20doing-bus/civil-rights/labornwage/prevaling-wage-compliance.aspx.</p>	37.77	21.85	59.62
553	<p>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.</p> <p>Future Increase(s): Add \$1.30/hr on 6/1/2016; Add \$1.25/hr on 6/1/2017.</p>	36.72	21.50	58.22

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
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 Sawyer (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 \$1.30/hr on 6/1/2016; Add \$1.25/hr on 6/1/2017.	36.72	21.50	58.22
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 \$1.60/hr on 6/3/2016.	32.62	20.38	53.00
556	Fiber Optic Cable Equipment.	21.00	0.00	21.00

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 <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
101	Acoustic Ceiling Tile Installer	34.13	20.79	54.92
102	Boilermaker	30.21	21.97	52.18
103	Bricklayer, Blocklayer or Stonemason	30.00	2.54	32.54
104	Cabinet Installer	20.00	0.46	20.46
105	Carpenter	32.80	0.00	32.80
106	Carpet Layer or Soft Floor Coverer	24.04	4.89	28.93
107	Cement Finisher	25.00	12.00	37.00
108	Drywall Taper or Finisher	20.00	0.00	20.00
109	Electrician	27.00	6.24	33.24
110	Elevator Constructor	43.84	27.09	70.93
111	Fence Erector	17.00	0.17	17.17
112	Fire Sprinkler Fitter	39.66	21.11	60.77
113	Glazier	38.27	14.42	52.69
114	Heat or Frost Insulator	17.00	0.00	17.00
115	Insulator (Batt or Blown)	17.12	6.68	23.80
116	Ironworker	24.30	14.25	38.55
117	Lather	32.80	0.00	32.80
119	Marble Finisher	25.72	18.54	44.26
120	Marble Mason	30.00	2.54	32.54
121	Metal Building Erector	13.60	6.57	20.17
123	Overhead Door Installer	26.00	5.11	31.11
124	Painter	28.84	7.83	36.67
125	Pavement Marking Operator	30.00	19.61	49.61

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
129	Plasterer	22.00	0.00	22.00
130	Plumber	38.37	5.96	44.33
132	Refrigeration Mechanic	28.50	2.56	31.06
133	Roofer or Waterproofer Future Increase(s): Add \$1.25/hr eff. 06/01/2016	30.45	18.60	49.05
134	Sheet Metal Worker	26.13	17.37	43.50
135	Steamfitter	15.00	2.04	17.04
137	Teledata Technician or Installer	22.50	12.74	35.24
138	Temperature Control Installer	21.42	7.84	29.26
139	Terrazzo Finisher	25.72	18.54	44.26
140	Terrazzo Mechanic	31.55	18.26	49.81
141	Tile Finisher	30.00	0.00	30.00
142	Tile Setter	31.00	0.00	31.00
143	Tuckpointer, Caulker or Cleaner	25.00	2.99	27.99
146	Well Driller or Pump Installer	29.00	0.00	29.00
147	Siding Installer	17.00	0.65	17.65

TRUCK DRIVERS

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
201	Single Axle or Two Axle	20.00	0.42	20.42
203	Three or More Axle	18.75	2.00	20.75
205	Pavement Marking Vehicle	18.75	2.00	20.75
207	Truck Mechanic	18.75	2.00	20.75

LABORERS

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
301	General Laborer	20.00	8.29	28.29
302	Asbestos Abatement Worker	18.00	5.52	23.52

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
303	Landscaper	22.61	0.00	22.61
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	18.53	0.00	18.53
315	Final Construction Clean-Up Worker	15.00	0.00	15.00
HEAVY EQUIPMENT OPERATORS RESIDENTIAL OR AGRICULTURAL CONSTRUCTION				

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
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, Timberco, 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.	25.00	9.78	34.78
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. Future Increase(s): Add \$1.60/hr on 5/30/2016.	34.17	19.15	53.32

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



The documents following the Prevailing Wage Rate Determination consist of twenty pages (including this one) of various forms/documents that will be used throughout the completion of the project. This prevailing wage rate determination and its underlying legal requirements outlined in the attached documents apply for the life of this project even though work on the project continues into 2017 or beyond. The chart below lists the form number, form/document name, the party who uses the document, and the document's number of pages. If you have any questions regarding these forms please call the Prevailing Wage Office at (608)266-6861.

ERD Form Number	Form Name	Party Who Uses the Form	Pages
	July 2015 description of recent changes to Wisconsin's prevailing wage laws resulting from enactment of the 2015-17 State Budget Bill.		1
	Prevailing Wage - Public Entity Project Owners	Explanation of project owner responsibilities	2
16056	Post the White Sheet	Contracting agency	1
10908	Consolidated List of Debarred Contractors	Any party contracting someone to complete work on a prevailing wage project	4
	Prevailing Wage – Contractors	Explanation of contractor responsibilities	2
7777	Disclosure of Ownership	Contractors that meet the criteria set out in (3)(A)&(B) of the form	1
5724	Prime Contractor Affidavit of Compliance	Prime contractor files with contracting agency upon completion of the work before receiving final payment	2
10584	Agent or Subcontractor Affidavit of Compliance	Subcontractors file with their awarding contractor upon completion of their work on the project before receiving final payment	2
10880	Request to Employ Subjourneyperson	Contractors wishing to employ a subjourneyperson(s)	1
	Additional General Prevailing Wage Law Information	General information for public entity or any other interested party	3

02/16/2016

THE 2015-17 BUDGET BILL MADE SIGNIFICANT CHANGES TO WISCONSIN'S PREVAILING WAGE LAWS. HOWEVER, THOSE CHANGES DO NOT GO INTO EFFECT UNTIL JANUARY 1, 2017.

During calendar year 2016, DWD will continue to enforce prevailing wage laws for local governmental unit and state agency public works projects under current prevailing wage laws.

2015 Wisconsin Act 55 (the budget bill) repealed the state prevailing wage law for **local governmental units** such as villages, towns, cities, school districts, or sewerage districts effective January 1, 2017. However, if a local governmental unit:

- issues a Request for Bids before January 1, 2017, for a project of public works that is subject to bidding or,
- enters into a contract before January 1, 2017, for a project of public works that is not subject to bidding,

then those public works projects are subject to the current prevailing wage law (§66.0903, Wis. Stats.) through the life of the project. Projects of public works with prevailing wage project determinations issued prior to 2017 continue to be subject to the current prevailing wage law through the life of the project even though the project may have work going on in 2017 or subsequent years.

Contractors working on local governmental unit projects with prevailing wage rate determinations must continue to pay employees the appropriate prevailing wage and maintain required prevailing wage payroll records. For instance, if a contractor is working in 2018 on a public works project with a project determination issued prior to 2017, then the contractor is required to comply with the "old" prevailing wage rate law (§66.0903, Wis. Stats.). After January 1, 2017, DWD will continue to enforce prevailing wage requirements for projects with DWD prevailing wage determinations issued under the "old" prevailing wage laws (§§ 66.0903 & 103.49, Wis. Stats.).

For new public works projects starting on January 1, 2017, state prevailing wage law will only apply to **state agency** and **state highway** projects. Prevailing wage rates applicable to state agencies will be those issued by the U.S. Department of Labor under the Davis-Bacon Act, 40 U.S.C. 3142. The Wisconsin Department of Administration will enforce the new state agency prevailing wage law (§16.856, Wis. Stats.) and the Wisconsin Department of Transportation will continue to enforce prevailing wage on state highway projects (under a law renumbered as §84.062, Wis. Stats.).

PREVAILING WAGE – Public Entity Project Owners

Any public works project that has a total estimated project cost that equals or exceeds single-trade or multiple-trade project thresholds requires a prevailing wage rate determination issued by the Department of Workforce Development (DWD). Public works include erecting, constructing, remodeling, repairing, demolishing, alterations, painting and decorating projects for a local governmental unit or state agency. State law excludes minor service or maintenance work, warranty work, or work under a supply-and-installation contract. There is a statutory definition for most of these exclusions. The prevailing wage law that applies to local governmental units is §66.0903, Wis. Stats. The prevailing wage law that applies to state agencies is §103.49, Wis. Stats. The applicable administrative rules for all public entities are DWD 290 and DWD 294, Wis. Adm. Code.

Thresholds

A “single-trade project of public works” means a project in which a single trade accounts for 85% or more of the total labor cost of the project. The single trade threshold is \$48,000.

A “multiple-trade project of public works” means a project in which no single trade accounts for 85% or more of the total labor cost of the project.

- (a) The multiple-trade threshold is \$100,000, unless a municipality falls under the description in (b).
- (b) The multiple-trade threshold of \$234,000 applies to public works projects erected, constructed, repaired, remodeled, or demolished by a private contractor for •a city or village with a population less than 2500 or •a town.

A local governmental unit or state agency that has a public works project that equals or exceeds the prevailing wage thresholds must do all of the following:

- Request a prevailing wage rate determination for the project from DWD at least 30 days before soliciting bids or negotiating contracts. An Application for Prevailing Wage Rate Determination is available on the DWD website: http://dwd.wisconsin.gov/er/prevailing_wage_rate/default.htm

To avoid waiting for a project determination use the on-line application system that permits the user to generate a determination immediately and save all documents in PDF form to the user’s computer. Use this project determination on line application at the following address:

http://dwd.wisconsin.gov/er/prevaling_wage_rate/pw_online_determinations.htm

- Tell potential contractors the project is subject to state prevailing wage law when soliciting bids.
- Include the prevailing wage rate determination in the construction contract, or if there is no written contract, provide a copy of the project determination to each prime contractor.
- Award contracts to contractors who do *not* appear on the "Consolidated List of Debarred Contractors."
- Notify contractors that they are required to have a written substance abuse testing program in place that fulfills the requirements of §103.503, Wis. Stats., before commencing work on the prevailing wage project.
- Post the prevailing wage rate determination on the project site. (This document is often referred to as "the white sheet.")
- Notify project contractors that if DWD finds that a contractor violated the prevailing wage law, DWD will assess liquidated damages of 100% of the wages owed to employees.
- Obtain an Affidavit of Compliance from each prime contractor before making final payment for the project.

If the total estimated cost of the project exceeds the prevailing wage thresholds, a local governmental unit or state agency also must obtain a prevailing wage rate determination under the following circumstances:

- when a completed facility is leased, purchased, lease-purchased or otherwise acquired by or dedicated to a public entity in lieu of the public entity contracting for the project,
- when one public entity does work for another public entity,
- when a *private* entity will construct a road, street, bridge, sanitary sewer or water main project and dedicate it to a local governmental unit or the state for its ownership or maintenance (except for some residential subdivisions).

For more information, visit the prevailing wage website: http://dwd.wisconsin.gov/er/prevaling_wage_rate/default.htm. For further assistance, call the Equal Rights Division at 608-266-6861 and ask for prevailing wage.

POST THE WHITE SHEET

As the public entity receiving this prevailing wage rate determination, **YOU ARE REQUIRED** by law to post the prevailing wage rate determination (i.e., white sheet) in at least one conspicuous and easily accessible place on the project site that is available to all construction workers. The white sheet must remain posted from the onset of the project until all construction labor on the project has been completed.

[See, Wis. Admin. Code §DWD 290.12(1)]

Posting the white sheet inside the general contractor's trailer does not meet this requirement. That placement is not available/accessible to all workers and is not a location over which you have control.

If you have questions about posting, please call (608)266-6861 and ask for prevailing wage intake.

Consolidated List of Debarred Contractors
Prepared and Issued By

July 1, 2016

State of Wisconsin - Department of Workforce Development

This list has been prepared in accordance with the provisions of §§66.0903(12) and 103.49(7), Wis. Stats., and Chapter DWD 294 of the Wisconsin Administrative Code. All contractors on this list were found to have committed a "debarable offense" related to certain labor standard provisions determined or established for a state or local public works project. No state agency, local governmental unit or owner or developer may knowingly solicit bids from, negotiate with or award any contracts to or approve or allow any subcontracts with a debarred contractor, including all divisions, affiliates or other organizational elements of such contractor that are engaged in construction business activities, until the debarment is terminated. The name of each debarred contractor must remain on this list for a period of three (3) years from the termination date indicated below. The contractor is, however, only "debarred" from the "effective date" through the "termination date" indicated for that contractor. Questions regarding this list should be addressed to Jim Chiolino, Equal Rights Division, P. O. Box 8928, Madison, WI 53708 or call (608) 266-3345. Deaf, hearing or speech-impaired callers may contact the department by calling its TDD number (608) 264-8752.

<u>Name of Contractor</u>	<u>Address</u>	<u>Effective Date</u>	<u>Termination Date</u>	<u>Cause Code</u>	<u>Date of Violation(s)</u>	<u>Limitations/Deviations</u>
A-1 Duran Roofing & Insulation Services, Inc.	3700 N Fratney St Milwaukee, WI 53212	11/1/14	10/31/17	1, 2 and 4	2011- 2012	None
	or 8095 NW 64 th St Miami, FL 33166					
Abel, Mike	See, Abel Electric, Inc					
Abel Electric, Inc	3385 Belmar Rd Green Bay, WI 54313	9/1/12	8/31/15	1	2011	None
Alpha Electric, LLC	350 Business Park Dr Sun Prairie, WI 53590	8/1/15	7/31/18	4	2014	None
Arnie Christiansen Mason Contractors, LLC	2304 65 th Dr Franksville, WI 53126	9/1/14	8/31/16	1, 2 and 4	2011	None
Atkins, Scott	See, Freedom Insulation, Inc					
Bickel, Matthew	See, Peshtigo Asphalt, Inc					
Boecker, Roger	See, R-Way Pumping, Inc					
Brechtel, Mark G	See, Ecodec, Inc					

<u>Name of Contractor</u>	<u>Address</u>	<u>Effective Date</u>	<u>Termination Date</u>	<u>Cause Code</u>	<u>Date of Violation(s)</u>	<u>Limitations/ Deviations</u>
Cargill Heating and Air Conditioning Company, Inc	3049 Edgewater La La Crosse, WI 54603	3/1/14	2/28/17	1 and 2	2011	None
Castlerock Commercial Construction, Inc	PO Box 11699 Milwaukee, WI 53211-0699	2/1/12	1/31/15	1, 2 and 4	2009 & 2010	None
Christiansen, Andy	See, Arnie Christiansen Mason Contractors, LLC					
Christiansen, Arnold	See, Arnie Christiansen Mason Contractors, LLC					
Darnick, Gregory L	See, Darnick Trucking, LLC					
Darnick Trucking, LLC	W914 County Rd V Berlin, WI 54923	11/1/14	10/31/15	1, 2 and 4	2012 & 2013	None
Dem/Ex Group, Inc	805 S Adams St Manito, IL 61546	12/1/11	11/30/14	1 and 2	2010	None
Duran, Bernardo	See, A-1 Duran Roofing & Insulation Services and RRS2 Inc					
Ecodec, Inc	5106 Wintergreen Dr Madison, WI 53704	10/1/14	9/30/17	1	2011 & 2012	None
Fisher, Ed &/or Fisher, Rhonda	See, Dem/Ex Group, Inc					
Freedom Insulation, Inc	117925 219th Ave Chippewa Falls, WI 54729	9/1/11	8/31/14	1	2008- 2010	None
Froode, Kathleen M	See, Masonry Specialists II, LLC					
Galstad, Michael E (aka Michael Earl Galstad)	See, Cargill Heating and Air Conditioning Company, Inc					

<u>Name of Contractor</u>	<u>Address</u>	<u>Effective Date</u>	<u>Termination Date</u>	<u>Cause Code</u>	<u>Date of Violation(s)</u>	<u>Limitations/ Deviations</u>
Gjolaj, Ded	See, Horizon Bros Painting Corp					
Grade A Construction, Inc	157 Enterprise Rd Delafield, WI 53018	1/1/16	12/31/19	1, 2 and 4	2014	None
Hernandez, Jesus	See, Quality Essential, Inc.					
Horizon Bros Painting Corp	1053 Kendra La Howell, MI 48843	10/1/14	9/30/16	4	2012	None
JT Roofing, Inc	350 Tower Dr Saukville, WI 53080	6/1/12	5/31/15	1, 2 and 4	2007 & 2008	None
Jinkins, Richard	See, Castlerock Commercial Construction, Inc					
John's Concrete	See, Wagner Companies, Inc, dba John's Concrete					
Kott, Joseph J	See, Alpha Electric, LLC					
Masonry Specialists II, LLC	5109 Briarwood Ct Racine, WI 53402	8/1/15	7/31/18	4	2014	None
Mid-W Enterprises, Inc	1730 22 nd Avenue Kenosha, WI 53140	6/1/15	5/31/17	1, 2 and 4	2013	None
Midwest Construction Co, Inc	See, Mid-W Enterprises, Inc					
Oden, Cassie	See, A-1 Duran Roofing & Insulation Services and RRS2 Inc					
Ofstie, Darin	See, Precision Excavating and Grading, LLC					
Peret, Robert	See, A-1 Duran Roofing &					

Insulation Services and RRS2 Inc

<u>Name of Contractor</u>	<u>Address</u>	<u>Effective Date</u>	<u>Termination Date</u>	<u>Cause Code</u>	<u>Date of Violation(s)</u>	<u>Limitations/ Deviations</u>
Peshtigo Asphalt, Inc	W3895 Track La Peshtigo, WI 54157	3/1/16	2/28/17	1	2013- 2014	None
Precision Excavating and Grading, LLC or Precision Excavating Enterprises, LLC	2104 Pierce Saint Croix Rd Baldwin, WI 54002	5/1/11	4/30/14	1, 2 and 4	2006- 2008	None
Quality Essential, Inc.	917 11 th Ave S #4 Hopkins, MN 55343	7/1/16	6/30/19	4	2015	None
R-Way Pumping, Inc	3023 Lake Maria Rd Freeport, MN 56331	3/1/12	2/28/15	1, 2 and 4	2008	None
RRS2 Inc.	133 N Jackson St, #427 Milwaukee, WI 53202 or 1313 N Franklin Pl, #805 Milwaukee, WI 53202	11/1/14	10/31/17	1, 2 and 4	2011- 2012	None
Thull, Gerald T	See, JT Roofing, Inc					
Ventura, Robert	See, Mid-W Enterprises, Inc					
Wagner, Cory L	See, Wagner Companies, Inc					
Wagner Companies, Inc, dba John's Concrete	2063 Georgia Ave Racine, WI 53404	8/1/15	7/31/18	1	2013	None
Yaresh, Kathleen R	See, Grade A Construction, Inc					

Cause Code: 1 = Failure to Pay Straight Time 2 = Failure to Pay Overtime 3 = Kickback 4 = Payroll Records.

PREVAILING WAGE – Contractors

Any public works project that has a total estimated project cost that equals or exceeds prevailing wage project thresholds requires a prevailing wage rate determination issued by the Department of Workforce Development (DWD). Public works include erecting, constructing, remodeling, repairing, demolishing, alterations, painting and decorating projects for a local governmental unit or state agency. State law excludes minor service or maintenance work, warranty work, or work under a supply-and-installation contract. There is a statutory definition for most of these exclusions. The prevailing wage laws that apply to local governmental units and their contractors are §§66.0903 and 103.503, Wis. Stats. The prevailing wage laws that apply to state agencies and their contractors are §§103.49 and 103.503, Wis. Stats. The applicable administrative rules for all prevailing wage projects are DWD 290 and DWD 294, Wis. Adm. Code. These laws include provisions that apply to all contractors and subcontractors working on prevailing wage projects.

Any contractor or subcontractor working on a local governmental unit or state agency's public works project that equals or exceeds current prevailing wage project thresholds must do all of the following:

- Receive and review the project's prevailing wage rate determination (i.e., white sheet).
- Tell subcontractors the project is subject to state prevailing wage law and include the prevailing wage rate determination in the construction contract, or if there is no written contract, provide a copy of the project determination to each subcontractor.
- Hire subcontractors who do *not* appear on the "Consolidated List of Debarred Contractors."
- Have a written substance abuse testing program in place that fulfills the requirements of §103.503, Wis. Stats., before commencing work on the project.

- Notify subcontractors that if DWD finds that a contractor or subcontractor violated the prevailing wage law, DWD will assess liquidated damages of 100% of the wages owed to employees.
- Apply to DWD for subjourney wage rates prior to employing these individuals on the project.
- Receive and retain a completed Affidavit of Compliance from each subcontractor brought on to the project before providing final payment to those subcontractors.
- Submit a completed Affidavit of Compliance to the contractor who brought the subcontractor on to the project before receiving final payment for the project.
- Maintain payroll records for 3 years that comply with §§66.0903(10)(a) or 103.49(5)(a), Stats. and DWD 274.06.
- Respond to requests from DWD or the project owner to provide payroll records and/or respond to prevailing wage complaints filed by employees or third parties.

For more information, visit the prevailing wage website: http://dwd.wisconsin.gov/er/prevailing_wage_rate/default.htm. For further assistance, call the Equal Rights Division at 608-266-6861 and ask for prevailing wage.

Disclosure of Ownership

The statutory authority for the use of this form is prescribed in Sections 66.0903(12)(d), 66.0904(10)(d) and 103.49(7)(d), Wisconsin Statutes.

The use of this form is mandatory. The penalty for failing to complete this form is prescribed in Section 103.005(12), Wisconsin Statutes.

Personal information you provide may be used for secondary purposes [Privacy Law, s. 15.04(1) (m), Wisconsin Statutes].

- (1) On the date a contractor submits a bid to or completes negotiations with a state agency, local governmental unit, or developer, investor or owner on a project subject to Section 66.0903, 66.0904 or 103.49, Wisconsin Statutes, the contractor shall disclose to such state agency, local governmental unit, or developer, investor or owner, the name of any "other construction business," which the contractor, or a shareholder, officer or partner of the contractor, owns or has owned within the preceding three (3) years.
- (2) The term "other construction business" means any business engaged in the erection, construction, remodeling, repairing, demolition, altering or painting and decorating of buildings, structures or facilities. It also means any business engaged in supplying mineral aggregate, or hauling excavated material or spoil as provided by Sections 66.0903(3), 66.0904(2), 103.49(2) and 103.50(2), Wisconsin Statutes.
- (3) This form must **ONLY** be filed, with the state agency project owner, local governmental unit project owner, or developer, investor or owner of a publicly funded private construction project that will be awarding the contract, if **both (A) and (B) are met**.
 - (A) The contractor, or a shareholder, officer or partner of the contractor:
 - (1) Owns at least a 25% interest in the "other construction business," indicated below, on the date the contractor submits a bid or completes negotiations; or
 - (2) Has owned at least a 25% interest in the "other construction business" at any time within the preceding three (3) years.
 - (B) The Wisconsin Department of Workforce Development (DWD) has determined that the "other construction business" has failed to pay the prevailing wage rate or time and one-half the required hourly basic rate of pay, for hours worked in excess of the prevailing hours of labor, to any employee at any time within the preceding three (3) years.

Other Construction Business

Business Name			
Street Address or P O Box	City	State	Zip Code
Business Name			
Street Address or P O Box	City	State	Zip Code
Business Name			
Street Address or P O Box	City	State	Zip Code
Business Name			
Street Address or P O Box	City	State	Zip Code

I hereby state under penalty of perjury that the information, contained in this document, is true and accurate according to my knowledge and belief.

Print the Name of Authorized Officer			
Authorized Officer Signature		Date Signed	
Corporation, Partnership or Sole Proprietorship Name			
Street Address or P O Box	City	State	Zip Code

If you have any questions call (608) 266-6861

Prime Contractor Affidavit of Compliance With Prevailing Wage Rate Determination

Authorization for this form is provided under Sections 66.0903(9)(c), 66.0904(7)(c) and 103.49(4r)(c) Wisconsin Statutes.

The use of this form is mandatory. The penalty for failing to complete this form is prescribed in Section 103.005(12), Wisconsin Statutes.

Personal information you provide may be used for secondary purposes [Privacy Law, s. 15.04(1)(m), Wisconsin Statutes].

This form must **ONLY** be filed with the **Awarding Agency** indicated below.

State Of))SS County Of)	Project Name	
	DWD Determination Number	Project Number (if applicable)
	Date Determination Issued	Date of Contract
	Awarding Agency	
	Date Work Completed	

After being duly sworn, the person whose name and signature appears below hereby states under penalty of perjury that

- **I am** the duly authorized officer of the corporation, partnership, sole proprietorship or business indicated below and have recently completed all of the work required under the terms and conditions of a contract with the above-named awarding agency and make this affidavit in accordance with the requirements set forth in Section 66.0903(9)(c), 66.0904(7)(c) or 103.49(4r)(c), Wisconsin Statutes and Chapter DWD 290 of the Wisconsin Administrative Code in order to obtain FINAL PAYMENT from such awarding agency.
- **I have** fully complied with all the wage and hour requirements applicable to this project, including all of the requirements set forth in the prevailing wage rate determination indicated above which was issued for such project by the Department of Workforce Development on the date indicated above.
- **I have** received the required affidavit of compliance from each of my agents and subcontractors that performed work on this project and have listed each of their names and addresses on page 2 of this affidavit.
- **I have** full and accurate records that clearly indicate the name and trade or occupation of every worker(s) that I employed on this project, including an accurate record of the hours worked and actual wages paid to such worker(s).
- **I will** retain the records and affidavit(s) described above and make them available for inspection for a period of at least three (3) years from the completion date indicated above at the address indicated below and shall not remove such records or affidavit(s) without prior notification to the awarding agency indicated above.

Name of Corporation, Partnership, Sole Proprietorship, Business, State Agency or Local Governmental Unit				
Street Address	City	State	Zip Code	Telephone Number
Print Name of Authorized Officer			Date Signed	
Signature of Authorized Officer				

List of Agents and Subcontractors

Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number			Telephone Number		

Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number			Telephone Number		

Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number			Telephone Number		

Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number			Telephone Number		

Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number			Telephone Number		

Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number			Telephone Number		

If you have any questions call (608) 266-6861

Agent or Subcontractor Affidavit of Compliance With Prevailing Wage Rate Determination

Authorization for this form is provided under Sections 66.0903(9)(b), 66.0904(7)(b) and 103.49(4r)(9b), Wisconsin Statutes. The use of this form is mandatory. The penalty for failing to complete this form is prescribed in Section 103.005(12), Wisconsin Statutes.

Personal information you provide may be used for secondary purposes [Privacy Law, Section 15.04(1)(m), Wisconsin Statutes].

This form must **ONLY** be filed with the **Awarding Contractor** indicated below.

State Of _____))SS County Of _____)	Project Name	
	DWD Determination Number	Project Number (if applicable)
	Date Determination Issued	Date of Subcontract
	Awarding Contractor	
	Date Work Completed	

After being duly sworn, the person whose name and signature appears below hereby states under penalty of perjury that

- **I am** the duly authorized officer of the corporation, partnership, sole proprietorship or business indicated below. We have recently completed all of the work required under the terms and conditions of a subcontract with the above-named awarding contractor. We make this affidavit in accordance with the requirements set forth in Section 66.0903(9)(b), 66.0904(7)(b) or 103.49(4r)(b), Wisconsin Statutes and Chapter DWD 290 of the Wisconsin Administrative Code in order to obtain FINAL PAYMENT from such awarding contractor.
- **I have** fully complied with the entire wage and hour requirements applicable to this project, including all of the requirements set forth in the prevailing wage rate determination indicated above which was issued for such project by the Department of Workforce Development on the date indicated above.
- **I have** received the required affidavit of compliance from each of my agents and subcontractors that performed work on this project and have listed each of their names and addresses on page 2 of this affidavit.
- **I have** full and accurate records that clearly indicate the name and trade or occupation of every worker(s) that I employed on this project, including an accurate record of the hours worked and actual wages paid to such worker(s).
- **I will** retain the records and affidavit(s) described above and make them available for inspection for a period of at least three (3) years from the completion date indicated above at the address indicated below and shall not remove such records or affidavit(s) without prior notification to the awarding contractor.

Name of Corporation, Partnership, Sole Proprietorship, Business, State Agency or Local Governmental Unit				
Street Address or PO Box	City	State	Zip Code	Telephone Number ()
Print Name of Authorized Officer			Date Signed	
Authorized Officer Signature				

List of Agents and Subcontractors

Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number ()			Telephone Number ()		

Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number ()			Telephone Number ()		

Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number ()			Telephone Number ()		

Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number ()			Telephone Number ()		

Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number ()			Telephone Number ()		

Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number ()			Telephone Number ()		

Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number ()			Telephone Number ()		

If you have any questions call (608) 266-6861

Request to Employ Subjourneyperson

The use of this form is mandatory. The penalty for failing to complete this form is prescribed in Section 103.005(12), Wisconsin Statutes. Personal information you provide may be used for secondary purposes (Privacy Law, s. 15.04(1)(m), Wisconsin Statutes).

The employer indicated below requests that the Department of Workforce Development (DWD) determine the prevailing wage rate(s) and related qualifications to enable such employer to use a subjourneyperson(s) on the following prevailing wage project, in accordance with the provisions of Section DWD 290.025, Wisconsin Administrative Code.

1. Name of Project Appearing on the Project Determination			
County	City, Village or Town		
DWD Project Determination Number	Project Number (if applicable)		
2. Job Classification(s) for which you request a subjourney rate (i.e., carpenter, electrician, plumber, etc.)			
a.	b.		
c.	d.		
3. Employer Name (Print)			
Address		City	State
Telephone Number ()		Zip Code	
Email address (if you prefer to receive your response via email)		Requester Title	
Fax Number (if you prefer to receive your response via fax) ()		Requester Name (Print)	

READ CAREFULLY: I understand that this request is ONLY applicable to the project and job classification(s) listed above and that subjourney employees primarily work under the direction of and assist a skilled trade employee by frequently using the tools of a skilled trade and will NOT regularly perform the duties of a general laborer, heavy equipment operator or truck driver. If the subjourney employee regularly performs the work of a different trade or occupation, he/she will be compensated for such work at the applicable journeyperson prevailing wage rate. I agree to compensate subjourney employees in strict accordance with the directions received from the DWD.

Requester Signature	Date Signed
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MAIL the completed request to:
EQUAL RIGHTS DIVISION, LABOR STANDARDS BUREAU
PO BOX 8928, MADISON WI 53708
OR
FAX the completed request to: (608) 267-4592 / DO NOT e-mail your request.
Call (608) 266-6861 for assistance in completing this form.

ADDITIONAL GENERAL PREVAILING WAGE LAW INFORMATION

(This document updated July 2015)

NOTE: Recent prevailing wage law changes enacted by the 2015-17 Budget Bill (2015 Wisconsin Act 55) do not go into effect until calendar year 2017.

For prevailing wage laws and frequently asked questions, refer to the prevailing wage website at:
http://dwd.wisconsin.gov/er/prevailing_wage_rate/default.htm

Topic	Who's affected?	Brief description of requirement under §66.0903 or §103.49
Non-applicability	All public entities	Prevailing wage rates do not apply to minor service or maintenance work, warranty work, or work under a supply and installation contract.
Non-applicability: Minor service or maintenance work	Local governmental units & Contractors	Minor service or maintenance work means a project of public works that is limited to <ul style="list-style-type: none"> • minor crack filling, chip or slurry sealing, or other minor pavement patching, not including overlays, that has a projected life span of no longer than 5 years or that is performed for a TOWN and is not funded under §86.31, regardless of projected life span; • the depositing of gravel on an existing gravel road applied solely to maintain the road; • road shoulder maintenance; • cleaning of drainage or sewer ditches or structures; or • any other limited, minor work on public facilities or equipment that is routinely performed to prevent breakdown or deterioration.
Non-applicability: Minor service or maintenance work	State agencies	Minor service or maintenance work means a project of public works that is limited to <ul style="list-style-type: none"> • minor crack filling, chip or slurry sealing, or other minor pavement patching, not including overlays, that has a projected life span of no longer than 5 years; • cleaning of drainage or sewer ditches or structures; or • any other limited, minor work on public facilities or equipment that is routinely performed to prevent breakdown or deterioration.
Non-applicability: Supply & installation contract	All public entities	Supply and installation contract means a contract under which the material is installed by means of simple fasteners or connectors such as screws or nuts and bolts and no other work is performed on the site of the project of public works, and the total labor cost to install the material does not exceed 20 percent of the total cost of the contract.
Non-applicability: Work which a contractor or individual donates to a public entity	All public entities	Prevailing wage laws §§66.0903 & 103.49, Stats., do not apply to work performed on a project of public works for which the local governmental unit or the state or the state agency contracting for the project is not required to compensate any contractor, subcontractor, contractor's or subcontractor's agent, or individual for performing the work.

Topic	Who's affected?	Brief description of requirement under §66.0903 or §103.49
Non-applicability: Residential	All public entities	A prevailing wage rate determination is not required for the erection, construction, repair, remodeling, or demolition of a residential property containing 2 dwelling units or less.
Non-applicability: Residential subdivision infrastructure	All public entities	A prevailing wage rate determination is not required for a road, street, bridge, sanitary sewer, or water main project that is a part of a development in which at least 90 percent of the lots contain or will contain 2 dwelling units or less, as determined by the local governmental unit at the time of approval of the development, and that, on completion, is acquired by, or dedicated to, a local governmental unit (including under §236.13(2), Stats.), or the state, for ownership or maintenance by the local governmental unit or the state.
Electronic certified payroll record	Contractors	The requirement that every contractor on a prevailing wage project submit to DWD monthly a certified record of employees who worked on the project and that DWD post these certified records on its Internet website was discontinued effective July 1, 2011. Contractors are still required to maintain payroll records and provide them upon request from DWD &/or the project owner.
Payroll record inspection request by any person	Contractors & Complainants	Any person may request DWD to inspect the payroll records of any contractor working on a prevailing wage project. On receipt of such a request, the contractor must submit to DWD a certified record of its payroll records, other than personally identifiable information relating to an employee of the contractor, for no longer than a 4-week period. DWD may request records from a contractor under this provision no more than once per calendar quarter for each project of public works on which the contractor is performing work. The department may not charge a requester a fee for obtaining that information. DWD must make these certified records available for public inspection.
Statewide uniformity	Local governmental units	A local governmental unit may not enact & administer a prevailing wage ordinance/provision for public works or publicly funded private construction projects. Any extant laws to that effect are void.
Substance Abuse Testing	Contractors & Workers	Before commencing work on a prevailing wage project, a contractor must have a written substance abuse testing program in place that complies with §103.503, Wis. Stats. No employee may use, possess, attempt to possess, distribute, deliver, or be under the influence of a drug or under the influence of alcohol while performing work on a prevailing wage project.

Topic	Who's affected	Brief description of requirement under §66.0903 or §103.49
Covered employees	Truck drivers & Other workers & Contractors	<p>A laborer, worker, mechanic, or truck driver who is employed to process, manufacture, pick up, or deliver materials or products from a commercial establishment that has a fixed place of business from which the establishment supplies processed or manufactured materials or products or from a facility that is not dedicated exclusively, or nearly so, to a project of public works is NOT entitled to receive the prevailing wage rate UNLESS any of the following applies:</p> <ul style="list-style-type: none">1) the laborer, worker, mechanic, or truck driver is employed to go to the source of mineral aggregate such as sand, gravel, or stone and deliver that mineral aggregate to the site of a project of public works by depositing the material directly in final place, from the transporting vehicle or through spreaders from the transporting vehicle.2) the laborer, worker, mechanic, or truck driver is employed to go to the site of a project of public works, pick up excavated material or spoil from the site of the project, and transport that excavated material or spoil away from the site of the project.

State of Wisconsin Department of Workforce Development Equal Rights Division	DEPARTMENTAL ORDER
ISSUE DATE: 7/12/2016	
PROJECT:	
RAZING AND REMOVAL OF BUILDINGS FOR ID 2250-12-22 AND 2340-00-26 WATERFORD VILLAGE, RACINE COUNTY, WI Determination No. 201602026 [Owner Project No. 2250-12-22]	
PROJECT OWNER:	REQUESTER:
MICHAEL JENDERS, REAL ESTATE SPECIALIST DEPARTMENT OF TRANSPORTATION 141 NW BARSTOW ST PO BOX 798 WAUKESHA, WI 531870798	MICHAEL JENDERS, REAL ESTATE SPECIALIST DEPARTMENT OF TRANSPORTATION 141 NW BARSTOW ST PO BOX 798 WAUKESHA, WI 531870798
ADDITIONAL CONTACT:	NOTE: The Requester must provide a copy of this Project Determination and enclosures to the Project Owner and Additional Contact.
<p>The department received an application for prevailing wage rate determination for the above-captioned project. The department conducted a survey to determine the prevailing wage rate for the trade(s) or occupation(s) needed to complete the project. The survey's findings appear in the attached project determination.</p> <p>If you believe that the wage rate for any trade or occupation does not accurately reflect the prevailing wage rate in the city, village or town where the project is located, you may ask the department to conduct an administrative review of such wage rate. You must submit this request in writing within 30 days from the date indicated above. Additionally, your request must include wage rate information from at least three similar projects in the city, village or town where the proposed project is located and on which some work has been performed by the contested trade(s) during the current survey period and was previously considered by the department in issuing the attached determination. See DWD 290.10 of the Wisconsin Administrative Code and either s. 66.0903(3)(br), Stats., or s. 103.49(3)(c), Stats., for a complete explanation of the administrative review process.</p> <p>Enclosures</p>	
<p>It is hereby ordered that the prevailing wage rates set forth in the attached project determination shall only be applicable to the above referenced project. This order is a FINAL ORDER of the department unless a timely request for an administrative review is filed with the department.</p> <p>ISSUED BY:</p> <p style="text-align: center;">Equal Rights Division Labor Standards Bureau Construction Wage Standards Section P.O. Box 8928, Madison, WI 53708-8928 (608)266-6861</p> <p style="text-align: center;">Web Site: http://dwd.wisconsin.gov/er/</p>	

PREVAILING WAGE RATE DETERMINATION

Issued by the State of Wisconsin
Department of Workforce Development
Pursuant to s. 103.49, Wis. Stats.
Issued On: 7/12/2016

DETERMINATION NUMBER: 201602026

EXPIRATION DATE: Prime Contracts MUST Be Awarded or Negotiated On Or Before 1/8/2017. If NOT, You MUST Reapply.

PROJECT NAME: RAZING AND REMOVAL OF BUILDINGS FOR ID 2250-12-22 AND 2340-00-26
PROJECT NO: 2250-12-22

PROJECT LOCATION: WATERFORD VILLAGE, RACINE COUNTY, WI

CONTRACTING AGENCY: DEPARTMENT OF TRANSPORTATION

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:	<p>Time and one-half must be paid for all hours worked:</p> <ul style="list-style-type: none">- 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. <p>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.</p> <p>A DOT Premium (discussed below) may supersede this time and one-half requirement.</p>
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, whenever 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 journey person'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 state agency projects of public works and are set forth below pursuant to the requirements of s. 103.49(3)(a), Stats.

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. 103.49 (2) PREVAILING WAGE RATES AND HOURS OF LABOR.

Any contract made for the erection, construction, remodeling, repairing, or demolition of any project of public works to which the state or any state agency is a party shall contain a stipulation that no person performing the work described in sub. (2m) may be permitted to work a greater number of hours per day or per week than the prevailing hours of labor, except that any such person may be permitted or required to work more than such prevailing hours of labor per day and per week if he or she is paid for all hours worked in excess of the prevailing hours of labor at a rate of at least 1.5 times his or her hourly basic rate of pay; nor may he or she be paid less than the prevailing wage rate determined under sub. (3) in the same or most similar trade or occupation in the area in which the project of public works is situated. A reference to the prevailing wage rates determined under sub. (3) and the prevailing hours of labor shall be published in the notice issued for the purpose of securing bids for the project. If any contract or subcontract for a project of public works that is subject to this section is entered into, the prevailing wage rates determined under sub. (3) and the prevailing hours of labor shall be physically incorporated into and made a part of the contract or subcontract, except that for a minor subcontract, as determined by the department, the department shall prescribe by rule the method of notifying the minor subcontractor of the prevailing wage rates and prevailing hours of labor applicable to the minor subcontract. The prevailing wage rates and prevailing hours of labor applicable to a contract or subcontract may not be changed during the time that the contract or subcontract is in force.

s. 103.49 (6M) LIABILITY AND PENALTIES.

- (ag) 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 in subd. 2., 3., whichever is applicable.
2. If the department determines upon inspection under sub. (5) (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.

(am) Except as provided in pars. (b), (d) and (f), any contractor, subcontractor or contractor's or subcontractor's agent who violates this section may be fined not more than \$200 or imprisoned for not more than 6 months or both. Each day that a violation continues is a separate offense.

(b) Whoever induces any person who seeks to be or is employed on any project of public works that is subject to this section to give up, waive, or return any part of the wages to which the person is entitled under the contract governing the project, or who reduces the hourly basic rate of pay normally paid to a person for work on a project that is not subject to this section during a week in which the person works both on a project of public works that is subject to this section and on a project that is not subject to this section, by threat not to employ, by threat of dismissal from employment, or by any other means is guilty of an offense under s. 946.15 (1).

(c) Any person employed on a project of public works that is subject to this section who knowingly permits a contractor, subcontractor, or contractor's or subcontractor's agent to pay him or her less than the prevailing wage rate set forth in the contract governing the project, who gives up, waives, or returns any part of the compensation to which he or she is entitled under the contract, or who gives up, waives, or returns any part of the compensation to which he or she is normally entitled for work on a project that is not subject to this section during a week in which the person works both on a project of public works that is subject to this section and on a project that is not subject to this section, is guilty of an offense under s. 946.15 (2).

(d) Whoever induces any person who seeks to be or is employed on any project of public works that is subject to this section to permit any part of the wages to which the person is entitled under the contract governing the project to be deducted from the person's pay is guilty of an offense under s. 946.15 (3), unless the deduction would be permitted under 29 CFR 3.5 or 3.6 from a person who is working on a project that is subject to 40 USC 3142.

(e) Any person employed on a project of public works that is subject to this section who knowingly permits any part of the wages to which he or she is entitled under the contract governing the project to be deducted from his or her pay is guilty of an offense under s. 946.15 (4), unless the deduction would be permitted under 29 CFR 3.5 or 3.6 from a person who is working on a project that is subject to 40 USC 3142.

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 <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
101	Acoustic Ceiling Tile Installer Future Increase(s): Add \$1.65/hr on 6/1/2016.	35.28	20.96	56.24
102	Boilermaker	33.35	28.29	61.64
103	Bricklayer, Blocklayer or Stonemason Future Increase(s): Add \$1.70 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.	35.76	20.47	56.23
104	Cabinet Installer Future Increase(s): Add \$1.65/hr on 6/1/2016.	35.28	20.96	56.24
105	Carpenter Future Increase(s): 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.	35.28	20.96	56.24
106	Carpet Layer or Soft Floor Coverer Future Increase(s): Add \$1.65/hr on 6/1/2016.	35.28	20.96	56.24
107	Cement Finisher Future Increase(s): Add \$1.50 05/30/2016	30.14	22.39	52.53
108	Drywall Taper or Finisher	29.97	20.86	50.83
109	Electrician	33.96	20.65	54.61
110	Elevator Constructor	43.84	27.09	70.93
111	Fence Erector	24.73	19.69	44.42
112	Fire Sprinkler Fitter	40.28	11.43	51.71

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
113	Glazier Future Increase(s): Add \$.90/hr eff. 06/01/2016	34.45	18.99	53.44
114	Heat or Frost Insulator	33.53	27.31	60.84
115	Insulator (Batt or Blown)	23.62	11.55	35.17
116	Ironworker	30.77	23.72	54.49
117	Lather	34.13	20.61	54.74
118	Line Constructor (Electrical)	40.81	18.06	58.87
119	Marble Finisher	24.44	17.35	41.79
120	Marble Mason	35.72	19.07	54.79
121	Metal Building Erector	19.00	2.00	21.00
122	Millwright	29.03	7.52	36.55
123	Overhead Door Installer	25.00	4.74	29.74
124	Painter	31.90	18.54	50.44
125	Pavement Marking Operator	30.00	19.62	49.62
126	Piledriver Future Increase(s): 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.	30.58	27.54	58.12
127	Pipeline Fuser or Welder (Gas or Utility)	38.95	18.95	57.90
129	Plasterer	30.22	20.53	50.75
130	Plumber	38.37	19.59	57.96
132	Refrigeration Mechanic	39.95	19.45	59.40
133	Roofer or Waterproofor Future Increase(s): Add \$1.25/hr eff. 06/01/2016	30.45	18.60	49.05
134	Sheet Metal Worker	32.76	27.14	59.90
135	Steamfitter Future Increase(s): Add \$1.50 on 6/1/16	39.95	19.45	59.40

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
137	Teledata Technician or Installer 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.	26.00	17.74	43.74
138	Temperature Control Installer	41.01	21.54	62.55
139	Terrazzo Finisher	24.44	17.35	41.79
140	Terrazzo Mechanic Future Increase(s): Add \$1.45 on 06/06/2016	31.59	19.60	51.19
141	Tile Finisher	30.00	0.00	30.00
142	Tile Setter	30.18	17.34	47.52
143	Tuckpointer, Caulker or Cleaner	34.28	18.60	52.88
144	Underwater Diver (Except on Great Lakes)	36.74	16.00	52.74
146	Well Driller or Pump Installer Future Increase(s): Add \$1/hr on 6/1/2016; Add \$1/hr on 6/1/2017.	25.32	16.40	41.72
147	Siding Installer	17.00	6.71	23.71
150	Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	36.73	20.41	57.14
151	Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	32.65	15.52	48.17
152	Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	28.57	13.71	42.28
153	Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	26.53	13.55	40.08
154	Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	25.00	12.55	37.55

TRUCK DRIVERS

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
201	Single Axle or Two Axle	34.47	18.70	53.17
203	Three or More Axle	20.00	12.00	32.00
204	Articulated, Euclid, Dumptor, Off Road Material Hauler Future Increase(s): Add \$1.60/hr on 5/30/2016.	33.02	19.15	52.17
205	Pavement Marking Vehicle	20.00	12.00	32.00
207	Truck Mechanic	20.00	12.00	32.00

LABORERS

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
301	General Laborer	28.01	17.82	45.83
302	Asbestos Abatement Worker	19.00	0.00	19.00
303	Landscaper	27.06	5.83	32.89
310	Gas or Utility Pipeline Laborer (Other Than Sewer and Water)	20.83	18.39	39.22
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	16.00	1.02	17.02
314	Railroad Track Laborer	17.00	4.29	21.29
315	Final Construction Clean-Up Worker	29.01	17.39	46.40

**HEAVY EQUIPMENT OPERATORS
SITE PREPARATION, UTILITY OR LANDSCAPING WORK ONLY**

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
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 Mfg's Rated Capacity of 130,000 Lbs. or Over; Backhoe (Track Type) Having a Mfg'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).	40.11	19.97	60.08
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 \$1.60/hr on 5/30/2016.	35.52	19.15	54.67

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
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.	34.17	19.22	53.39
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. Future Increase(s): Add \$1.25/hr on 1/1/2017. Premium Increase(s): Add \$.50/hr for Friction Crane, Lattice Boom or Crane Certification (CCO).	44.05	23.24	67.29
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. Future Increase(s): Add \$1.25/hr on 1/1/2017.	39.20	23.09	62.29
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.	36.72	21.15	57.87

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

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
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. 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.	41.66	20.65	62.31

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
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). Premium Increase(s): Crane Operators with CCO certification add \$.50/hr.	41.16	20.65	61.81
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). Premium Increase(s): Crane Operators with CCO certification add \$.50/hr.	40.66	20.65	61.31
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).	39.97	20.65	60.62
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.	38.09	20.65	58.74

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
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.	32.94	20.65	53.59
514	Gas or Utility Pipeline, Except Sewer & Water (Primary Equipment). Future Increase(s): Add \$1/hr on 5/30/2016.	37.04	22.44	59.48
515	Gas or Utility Pipeline, Except Sewer & Water (Secondary Equipment).	34.76	20.30	55.06
516	Fiber Optic Cable Equipment	22.00	5.59	27.59

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

SKILLED TRADES

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
103	Bricklayer, Blocklayer or Stonemason	35.72	19.07	54.79
105	Carpenter	34.13	20.61	54.74
107	Cement Finisher Future Increase(s): 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.	31.44	22.39	53.83
109	Electrician Future Increase(s): Add \$1.60 on 6/1/16; Add \$1.70 on 6/1/17 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.	35.13	23.19	58.32
111	Fence Erector	24.73	19.69	44.42
116	Ironworker	32.50	20.58	53.08
118	Line Constructor (Electrical)	40.81	18.06	58.87
125	Pavement Marking Operator	30.00	19.62	49.62
126	Piledriver	30.11	26.51	56.62
130	Plumber Future Increase(s): Add \$1.50 on 6/1/16	39.95	19.45	59.40
135	Steamfitter	38.95	18.95	57.90
137	Teledata Technician or Installer	25.63	17.25	42.88
143	Tuckpointer, Caulker or Cleaner	34.28	18.60	52.88
144	Underwater Diver (Except on Great Lakes)	31.00	20.43	51.43
146	Well Driller or Pump Installer Future Increase(s): Add \$1/hr on 6/1/2016; Add \$1/hr on 6/1/2017.	25.32	16.40	41.72

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
150	Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	36.73	15.92	52.65
151	Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	32.65	15.52	48.17
152	Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	28.57	13.71	42.28
153	Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	26.53	13.55	40.08
154	Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	22.45	11.84	34.29

TRUCK DRIVERS

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
201	Single Axle or Two Axle	19.00	0.00	19.00
203	Three or More Axle	19.00	0.00	19.00
204	Articulated, Euclid, Dumptor, Off Road Material Hauler	33.69	19.78	53.47
205	Pavement Marking Vehicle	19.00	0.00	19.00
207	Truck Mechanic	19.00	0.00	19.00

LABORERS

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
301	General Laborer Future Increase(s): Add \$1.25/hr eff. 06/06/2016 Premium Increase(s): Add \$2.43/hr for blaster, bracer, manhole builder, caulker and bottomman; Add \$4.11/hr for pipelayer and miner; Add \$1/hr for tunnel work 0-15 lbs. compressed air; Add \$2/hr for 15-30 lbs. compressed air; Add \$3/hr for over 30 lbs. compressed air.	27.09	18.32	45.41
303	Landscaper	41.00	0.00	41.00
304	Flagperson or Traffic Control Person	19.31	15.21	34.52
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	16.00	1.02	17.02
314	Railroad Track Laborer	17.00	4.29	21.29

**HEAVY EQUIPMENT OPERATORS
SEWER, WATER OR TUNNEL WORK**

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
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. Premium Increase(s): Add \$.25/hr for operating tower crane.	38.09	20.80	58.89
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). Premium Increase(s): Add \$.25/hr for operating tower crane.	37.31	20.80	58.11
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). Premium Increase(s): Add \$.25/hr for operating tower crane.	36.36	20.80	57.16

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
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.	33.69	21.75	55.44
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. Premium Increase(s): Add \$.25/hr for operating tower crane.	33.91	20.80	54.71
526	Boiler (Temporary Heat); Forklift; Greaser; Oiler.	31.89	20.15	52.04
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.	36.72	21.15	57.87
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.	36.72	21.15	57.87

LOCAL STREET OR MISCELLANEOUS PAVING CONSTRUCTION
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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

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
103	Bricklayer, Blocklayer or Stonemason	35.72	19.07	54.79
105	Carpenter Future Increase(s): 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.	33.02	17.12	50.14
107	Cement Finisher	32.15	20.53	52.68
109	Electrician Future Increase(s): Add \$1.60 on 6/1/16; Add \$1.70 on 6/1/17 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.	35.13	23.19	58.32
111	Fence Erector	24.73	19.69	44.42
116	Ironworker	30.77	23.72	54.49
118	Line Constructor (Electrical)	40.81	18.06	58.87
124	Painter	31.90	18.54	50.44
125	Pavement Marking Operator	30.00	19.62	49.62
126	Piledriver Future Increase(s): Add \$1.44/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.	33.56	17.12	50.68
133	Roofer or Waterproofer	29.65	18.15	47.80
137	Teledata Technician or Installer	25.63	17.25	42.88
143	Tuckpointer, Caulker or Cleaner	34.28	18.60	52.88
144	Underwater Diver (Except on Great Lakes)	36.74	16.00	52.74
150	Heavy Equipment Operator - ELECTRICAL LINE CONSTRUCTION ONLY	36.73	15.92	52.65

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
151	Light Equipment Operator -ELECTRICAL LINE CONSTRUCTION ONLY	32.65	15.52	48.17
152	Heavy Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	28.57	13.71	42.28
153	Light Truck Driver - ELECTRICAL LINE CONSTRUCTION ONLY	26.53	13.55	40.08
154	Groundman - ELECTRICAL LINE CONSTRUCTION ONLY	22.45	11.84	34.29

TRUCK DRIVERS

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
201	Single Axle or Two Axle	19.00	0.00	19.00
203	Three or More Axle	19.00	0.00	19.00
204	Articulated, Euclid, Dumptor, Off Road Material Hauler Future Increase(s): Add \$1.60/hr on 6/3/2016.	34.69	20.38	55.07
205	Pavement Marking Vehicle	19.00	0.00	19.00
206	Shadow or Pilot Vehicle	19.00	0.00	19.00
207	Truck Mechanic	19.00	0.00	19.00

LABORERS

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
301	General Laborer	24.75	20.48	45.23
303	Landscaper Future Increase(s): 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).	27.51	20.63	48.14
304	Flagperson or Traffic Control Person	19.31	15.21	34.52
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	16.00	1.02	17.02

314	Railroad Track Laborer	17.00	4.29	21.29
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**HEAVY EQUIPMENT OPERATORS
CONCRETE PAVEMENT OR BRIDGE WORK**

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
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 \$1.60/hr on 6/3/2016. Premium Increase(s): Add \$.50/hr for >200 Ton; Add \$1/hr at 300 Ton; Add \$1.50/hr at 400 Ton; Add \$2/hr at 500 Ton & Over.	37.67	20.38	58.05
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 \$1.30/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://wisconsindot.gov/Pages/doing-bus/civil-rights/labornwage/prevaling-wage-compliance.aspx .	37.77	21.85	59.62

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
543	<p>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.</p> <p>Future Increase(s): Add \$1.30/hr on 6/1/2016; Add \$1.25/hr on 6/1/2017.</p> <p>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://wisconsin.gov/Pages/doing-bus/civil-rights/labornwage/prevailing-wage-compliance.aspx.</p>	37.27	21.85	59.12
544	<p>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 Sawyer (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.</p> <p>Future Increase(s): Add \$1.30/hr on 6/1/2016; Add \$1.25/hr on 6/1/2017.</p> <p>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://wisconsin.gov/Pages/doing-bus/civil-rights/labornwage/prevailing-wage-compliance.aspx.</p>	37.27	21.85	59.12

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
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.	31.62	19.78	51.40
546	Fiber Optic Cable Equipment.	22.00	5.59	27.59
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. Future Increase(s): Add \$1.25/hr on 1/1/2017. Premium Increase(s): Add \$.50/hr for Friction Crane, Lattice Boom or Crane Certification (CCO).	44.05	23.24	67.29
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.	36.72	21.15	57.87
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.	36.72	21.15	57.87

**HEAVY EQUIPMENT OPERATORS
ASPHALT PAVEMENT OR OTHER WORK**

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
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.	36.67	19.78	56.45

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
552	<p>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.</p> <p>Future Increase(s): Add \$1.30/hr on 6/1/2016; Add \$1.25/hr on 6/1/2017.</p> <p>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://wisconsin.gov/Page%20doing-bus/civil-rights/labornwage/prevaling-wage-compliance.aspx.</p>	37.77	21.85	59.62
553	<p>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.</p> <p>Future Increase(s): Add \$1.30/hr on 6/1/2016; Add \$1.25/hr on 6/1/2017.</p>	36.72	21.50	58.22

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
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 Sawyer (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 \$1.30/hr on 6/1/2016; Add \$1.25/hr on 6/1/2017.	36.72	21.50	58.22
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 \$1.60/hr on 6/3/2016.	32.62	20.38	53.00
556	Fiber Optic Cable Equipment.	22.00	5.59	27.59

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 <u>All</u> Hours Worked				
<u>CODE</u>	<u>TRADE OR OCCUPATION</u>	<u>HOURLY BASIC RATE OF PAY</u>	<u>HOURLY FRINGE BENEFITS</u>	<u>TOTAL</u>
		\$	\$	\$
101	Acoustic Ceiling Tile Installer	34.13	20.79	54.92
102	Boilermaker	33.35	28.29	61.64
103	Bricklayer, Blocklayer or Stonemason Future Increase(s): Add \$1.70 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.	35.76	20.47	56.23
104	Cabinet Installer	20.00	0.46	20.46
105	Carpenter Future Increase(s): 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.	35.28	20.96	56.24
106	Carpet Layer or Soft Floor Coverer	24.04	4.89	28.93
107	Cement Finisher	18.00	0.00	18.00
108	Drywall Taper or Finisher	20.00	0.00	20.00
109	Electrician	21.00	0.00	21.00
110	Elevator Constructor	43.84	27.09	70.93
111	Fence Erector	17.00	0.17	17.17
112	Fire Sprinkler Fitter	39.66	21.11	60.77
113	Glazier	38.27	14.42	52.69
114	Heat or Frost Insulator	17.00	0.00	17.00
115	Insulator (Batt or Blown)	17.12	6.68	23.80
116	Ironworker	24.30	14.25	38.55
117	Lather	34.13	20.61	54.74

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
119	Marble Finisher	24.44	17.35	41.79
120	Marble Mason	35.72	19.07	54.79
121	Metal Building Erector	13.60	6.57	20.17
123	Overhead Door Installer	26.00	5.11	31.11
124	Painter	31.90	2.68	34.58
125	Pavement Marking Operator	30.00	19.62	49.62
129	Plasterer	22.00	0.00	22.00
130	Plumber	38.37	15.87	54.24
132	Refrigeration Mechanic	28.50	2.56	31.06
133	Roofer or Waterproofor	19.85	0.00	19.85
134	Sheet Metal Worker	26.13	23.52	49.65
135	Steamfitter	15.00	2.04	17.04
137	Teledata Technician or Installer	22.50	12.74	35.24
138	Temperature Control Installer	21.42	7.84	29.26
139	Terrazzo Finisher	24.44	17.35	41.79
140	Terrazzo Mechanic	31.55	18.26	49.81
141	Tile Finisher	30.00	0.00	30.00
142	Tile Setter	31.00	0.00	31.00
143	Tuckpointer, Caulker or Cleaner	25.00	2.99	27.99
146	Well Driller or Pump Installer	29.00	0.00	29.00
147	Siding Installer	21.50	1.44	22.94

TRUCK DRIVERS

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
201	Single Axle or Two Axle	16.50	0.50	17.00
203	Three or More Axle	18.75	2.00	20.75
205	Pavement Marking Vehicle	18.75	2.00	20.75
207	Truck Mechanic	18.75	2.00	20.75

LABORERS

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
301	General Laborer	28.01	5.39	33.40
302	Asbestos Abatement Worker	18.00	5.15	23.15
303	Landscaper	22.30	0.00	22.30
311	Fiber Optic Laborer (Outside, Other Than Concrete Encased)	16.00	1.02	17.02
315	Final Construction Clean-Up Worker	15.00	0.00	15.00

**HEAVY EQUIPMENT OPERATORS
RESIDENTIAL OR AGRICULTURAL CONSTRUCTION**

Fringe Benefits Must Be Paid On <u>All</u> Hours Worked		HOURLY BASIC RATE OF PAY	HOURLY FRINGE BENEFITS	TOTAL
CODE	TRADE OR OCCUPATION	\$	\$	\$
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, Timberco, 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.	34.47	17.55	52.02

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.	33.12	19.28	52.40
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***** END OF RATES *****



The documents following the Prevailing Wage Rate Determination consist of twenty pages (including this one) of various forms/documents that will be used throughout the completion of the project. This prevailing wage rate determination and its underlying legal requirements outlined in the attached documents apply for the life of this project even though work on the project continues into 2017 or beyond. The chart below lists the form number, form/document name, the party who uses the document, and the document's number of pages. If you have any questions regarding these forms please call the Prevailing Wage Office at (608)266-6861.

ERD Form Number	Form Name	Party Who Uses the Form	Pages
	July 2015 description of recent changes to Wisconsin's prevailing wage laws resulting from enactment of the 2015-17 State Budget Bill.		1
	Prevailing Wage - Public Entity Project Owners	Explanation of project owner responsibilities	2
16056	Post the White Sheet	Contracting agency	1
10908	Consolidated List of Debarred Contractors	Any party contracting someone to complete work on a prevailing wage project	4
	Prevailing Wage – Contractors	Explanation of contractor responsibilities	2
7777	Disclosure of Ownership	Contractors that meet the criteria set out in (3)(A)&(B) of the form	1
5724	Prime Contractor Affidavit of Compliance	Prime contractor files with contracting agency upon completion of the work before receiving final payment	2
10584	Agent or Subcontractor Affidavit of Compliance	Subcontractors file with their awarding contractor upon completion of their work on the project before receiving final payment	2
10880	Request to Employ Subjourneyperson	Contractors wishing to employ a subjourneyperson(s)	1
	Additional General Prevailing Wage Law Information	General information for public entity or any other interested party	3

02/16/2016

THE 2015-17 BUDGET BILL MADE SIGNIFICANT CHANGES TO WISCONSIN'S PREVAILING WAGE LAWS. HOWEVER, THOSE CHANGES DO NOT GO INTO EFFECT UNTIL JANUARY 1, 2017.

During calendar year 2016, DWD will continue to enforce prevailing wage laws for local governmental unit and state agency public works projects under current prevailing wage laws.

2015 Wisconsin Act 55 (the budget bill) repealed the state prevailing wage law for **local governmental units** such as villages, towns, cities, school districts, or sewerage districts effective January 1, 2017. However, if a local governmental unit:

- issues a Request for Bids before January 1, 2017, for a project of public works that is subject to bidding or,
- enters into a contract before January 1, 2017, for a project of public works that is not subject to bidding,

then those public works projects are subject to the current prevailing wage law (§66.0903, Wis. Stats.) through the life of the project. Projects of public works with prevailing wage project determinations issued prior to 2017 continue to be subject to the current prevailing wage law through the life of the project even though the project may have work going on in 2017 or subsequent years.

Contractors working on local governmental unit projects with prevailing wage rate determinations must continue to pay employees the appropriate prevailing wage and maintain required prevailing wage payroll records. For instance, if a contractor is working in 2018 on a public works project with a project determination issued prior to 2017, then the contractor is required to comply with the "old" prevailing wage rate law (§66.0903, Wis. Stats.). After January 1, 2017, DWD will continue to enforce prevailing wage requirements for projects with DWD prevailing wage determinations issued under the "old" prevailing wage laws (§§ 66.0903 & 103.49, Wis. Stats.).

For new public works projects starting on January 1, 2017, state prevailing wage law will only apply to **state agency** and **state highway** projects. Prevailing wage rates applicable to state agencies will be those issued by the U.S. Department of Labor under the Davis-Bacon Act, 40 U.S.C. 3142. The Wisconsin Department of Administration will enforce the new state agency prevailing wage law (§16.856, Wis. Stats.) and the Wisconsin Department of Transportation will continue to enforce prevailing wage on state highway projects (under a law renumbered as §84.062, Wis. Stats.).

PREVAILING WAGE – Public Entity Project Owners

Any public works project that has a total estimated project cost that equals or exceeds single-trade or multiple-trade project thresholds requires a prevailing wage rate determination issued by the Department of Workforce Development (DWD). Public works include erecting, constructing, remodeling, repairing, demolishing, alterations, painting and decorating projects for a local governmental unit or state agency. State law excludes minor service or maintenance work, warranty work, or work under a supply-and-installation contract. There is a statutory definition for most of these exclusions. The prevailing wage law that applies to local governmental units is §66.0903, Wis. Stats. The prevailing wage law that applies to state agencies is §103.49, Wis. Stats. The applicable administrative rules for all public entities are DWD 290 and DWD 294, Wis. Adm. Code.

Thresholds

A “single-trade project of public works” means a project in which a single trade accounts for 85% or more of the total labor cost of the project. The single trade threshold is \$48,000.

A “multiple-trade project of public works” means a project in which no single trade accounts for 85% or more of the total labor cost of the project.

- (a) The multiple-trade threshold is \$100,000, unless a municipality falls under the description in (b).
- (b) The multiple-trade threshold of \$234,000 applies to public works projects erected, constructed, repaired, remodeled, or demolished by a private contractor for •a city or village with a population less than 2500 or •a town.

A local governmental unit or state agency that has a public works project that equals or exceeds the prevailing wage thresholds must do all of the following:

- Request a prevailing wage rate determination for the project from DWD at least 30 days before soliciting bids or negotiating contracts. An Application for Prevailing Wage Rate Determination is available on the DWD website: http://dwd.wisconsin.gov/er/prevailing_wage_rate/default.htm

To avoid waiting for a project determination use the on-line application system that permits the user to generate a determination immediately and save all documents in PDF form to the user’s computer. Use this project determination on line application at the following address:

http://dwd.wisconsin.gov/er/prevaling_wage_rate/pw_online_determinations.htm

- Tell potential contractors the project is subject to state prevailing wage law when soliciting bids.
- Include the prevailing wage rate determination in the construction contract, or if there is no written contract, provide a copy of the project determination to each prime contractor.
- Award contracts to contractors who do *not* appear on the "Consolidated List of Debarred Contractors."
- Notify contractors that they are required to have a written substance abuse testing program in place that fulfills the requirements of §103.503, Wis. Stats., before commencing work on the prevailing wage project.
- Post the prevailing wage rate determination on the project site. (This document is often referred to as "the white sheet.")
- Notify project contractors that if DWD finds that a contractor violated the prevailing wage law, DWD will assess liquidated damages of 100% of the wages owed to employees.
- Obtain an Affidavit of Compliance from each prime contractor before making final payment for the project.

If the total estimated cost of the project exceeds the prevailing wage thresholds, a local governmental unit or state agency also must obtain a prevailing wage rate determination under the following circumstances:

- when a completed facility is leased, purchased, lease-purchased or otherwise acquired by or dedicated to a public entity in lieu of the public entity contracting for the project,
- when one public entity does work for another public entity,
- when a *private* entity will construct a road, street, bridge, sanitary sewer or water main project and dedicate it to a local governmental unit or the state for its ownership or maintenance (except for some residential subdivisions).

For more information, visit the prevailing wage website: http://dwd.wisconsin.gov/er/prevaling_wage_rate/default.htm. For further assistance, call the Equal Rights Division at 608-266-6861 and ask for prevailing wage.

POST THE WHITE SHEET

As the public entity receiving this prevailing wage rate determination, **YOU ARE REQUIRED** by law to post the prevailing wage rate determination (i.e., white sheet) in at least one conspicuous and easily accessible place on the project site that is available to all construction workers. The white sheet must remain posted from the onset of the project until all construction labor on the project has been completed.

[See, Wis. Admin. Code §DWD 290.12(1)]

Posting the white sheet inside the general contractor's trailer does not meet this requirement. That placement is not available/accessible to all workers and is not a location over which you have control.

If you have questions about posting, please call (608)266-6861 and ask for prevailing wage intake.

Consolidated List of Debarred Contractors
Prepared and Issued By

July 1, 2016

State of Wisconsin - Department of Workforce Development

This list has been prepared in accordance with the provisions of §§66.0903(12) and 103.49(7), Wis. Stats., and Chapter DWD 294 of the Wisconsin Administrative Code. All contractors on this list were found to have committed a "debarable offense" related to certain labor standard provisions determined or established for a state or local public works project. No state agency, local governmental unit or owner or developer may knowingly solicit bids from, negotiate with or award any contracts to or approve or allow any subcontracts with a debarred contractor, including all divisions, affiliates or other organizational elements of such contractor that are engaged in construction business activities, until the debarment is terminated. The name of each debarred contractor must remain on this list for a period of three (3) years from the termination date indicated below. The contractor is, however, only "debarred" from the "effective date" through the "termination date" indicated for that contractor. Questions regarding this list should be addressed to Jim Chiolino, Equal Rights Division, P. O. Box 8928, Madison, WI 53708 or call (608) 266-3345. Deaf, hearing or speech-impaired callers may contact the department by calling its TDD number (608) 264-8752.

<u>Name of Contractor</u>	<u>Address</u>	<u>Effective Date</u>	<u>Termination Date</u>	<u>Cause Code</u>	<u>Date of Violation(s)</u>	<u>Limitations/Deviations</u>
A-1 Duran Roofing & Insulation Services, Inc.	3700 N Fratney St Milwaukee, WI 53212	11/1/14	10/31/17	1, 2 and 4	2011- 2012	None
	or 8095 NW 64 th St Miami, FL 33166					
Abel, Mike	See, Abel Electric, Inc					
Abel Electric, Inc	3385 Belmar Rd Green Bay, WI 54313	9/1/12	8/31/15	1	2011	None
Alpha Electric, LLC	350 Business Park Dr Sun Prairie, WI 53590	8/1/15	7/31/18	4	2014	None
Arnie Christiansen Mason Contractors, LLC	2304 65 th Dr Franksville, WI 53126	9/1/14	8/31/16	1, 2 and 4	2011	None
Atkins, Scott	See, Freedom Insulation, Inc					
Bickel, Matthew	See, Peshtigo Asphalt, Inc					
Boecker, Roger	See, R-Way Pumping, Inc					
Brechtel, Mark G	See, Ecodec, Inc					

<u>Name of Contractor</u>	<u>Address</u>	<u>Effective Date</u>	<u>Termination Date</u>	<u>Cause Code</u>	<u>Date of Violation(s)</u>	<u>Limitations/ Deviations</u>
Cargill Heating and Air Conditioning Company, Inc	3049 Edgewater La La Crosse, WI 54603	3/1/14	2/28/17	1 and 2	2011	None
Castlerock Commercial Construction, Inc	PO Box 11699 Milwaukee, WI 53211-0699	2/1/12	1/31/15	1, 2 and 4	2009 & 2010	None
Christiansen, Andy	See, Arnie Christiansen Mason Contractors, LLC					
Christiansen, Arnold	See, Arnie Christiansen Mason Contractors, LLC					
Darnick, Gregory L	See, Darnick Trucking, LLC					
Darnick Trucking, LLC	W914 County Rd V Berlin, WI 54923	11/1/14	10/31/15	1, 2 and 4	2012 & 2013	None
Dem/Ex Group, Inc	805 S Adams St Manito, IL 61546	12/1/11	11/30/14	1 and 2	2010	None
Duran, Bernardo	See, A-1 Duran Roofing & Insulation Services and RRS2 Inc					
Ecodec, Inc	5106 Wintergreen Dr Madison, WI 53704	10/1/14	9/30/17	1	2011 & 2012	None
Fisher, Ed &/or Fisher, Rhonda	See, Dem/Ex Group, Inc					
Freedom Insulation, Inc	117925 219th Ave Chippewa Falls, WI 54729	9/1/11	8/31/14	1	2008- 2010	None
Froode, Kathleen M	See, Masonry Specialists II, LLC					
Galstad, Michael E (aka Michael Earl Galstad)	See, Cargill Heating and Air Conditioning Company, Inc					

<u>Name of Contractor</u>	<u>Address</u>	<u>Effective Date</u>	<u>Termination Date</u>	<u>Cause Code</u>	<u>Date of Violation(s)</u>	<u>Limitations/ Deviations</u>
Gjolaj, Ded	See, Horizon Bros Painting Corp					
Grade A Construction, Inc	157 Enterprise Rd Delafield, WI 53018	1/1/16	12/31/19	1, 2 and 4	2014	None
Hernandez, Jesus	See, Quality Essential, Inc.					
Horizon Bros Painting Corp	1053 Kendra La Howell, MI 48843	10/1/14	9/30/16	4	2012	None
JT Roofing, Inc	350 Tower Dr Saukville, WI 53080	6/1/12	5/31/15	1, 2 and 4	2007 & 2008	None
Jinkins, Richard	See, Castlerock Commercial Construction, Inc					
John's Concrete	See, Wagner Companies, Inc, dba John's Concrete					
Kott, Joseph J	See, Alpha Electric, LLC					
Masonry Specialists II, LLC	5109 Briarwood Ct Racine, WI 53402	8/1/15	7/31/18	4	2014	None
Mid-W Enterprises, Inc	1730 22 nd Avenue Kenosha, WI 53140	6/1/15	5/31/17	1, 2 and 4	2013	None
Midwest Construction Co, Inc	See, Mid-W Enterprises, Inc					
Oden, Cassie	See, A-1 Duran Roofing & Insulation Services and RRS2 Inc					
Ofstie, Darin	See, Precision Excavating and Grading, LLC					
Peret, Robert	See, A-1 Duran Roofing &					

Insulation Services and RRS2 Inc

<u>Name of Contractor</u>	<u>Address</u>	<u>Effective Date</u>	<u>Termination Date</u>	<u>Cause Code</u>	<u>Date of Violation(s)</u>	<u>Limitations/ Deviations</u>
Peshtigo Asphalt, Inc	W3895 Track La Peshtigo, WI 54157	3/1/16	2/28/17	1	2013- 2014	None
Precision Excavating and Grading, LLC or Precision Excavating Enterprises, LLC	2104 Pierce Saint Croix Rd Baldwin, WI 54002	5/1/11	4/30/14	1, 2 and 4	2006- 2008	None
Quality Essential, Inc.	917 11 th Ave S #4 Hopkins, MN 55343	7/1/16	6/30/19	4	2015	None
R-Way Pumping, Inc	3023 Lake Maria Rd Freeport, MN 56331	3/1/12	2/28/15	1, 2 and 4	2008	None
RRS2 Inc.	133 N Jackson St, #427 Milwaukee, WI 53202 or 1313 N Franklin Pl, #805 Milwaukee, WI 53202	11/1/14	10/31/17	1, 2 and 4	2011- 2012	None
Thull, Gerald T	See, JT Roofing, Inc					
Ventura, Robert	See, Mid-W Enterprises, Inc					
Wagner, Cory L	See, Wagner Companies, Inc					
Wagner Companies, Inc, dba John's Concrete	2063 Georgia Ave Racine, WI 53404	8/1/15	7/31/18	1	2013	None
Yaresh, Kathleen R	See, Grade A Construction, Inc					

Cause Code: 1 = Failure to Pay Straight Time 2 = Failure to Pay Overtime 3 = Kickback 4 = Payroll Records.

PREVAILING WAGE – Contractors

Any public works project that has a total estimated project cost that equals or exceeds prevailing wage project thresholds requires a prevailing wage rate determination issued by the Department of Workforce Development (DWD). Public works include erecting, constructing, remodeling, repairing, demolishing, alterations, painting and decorating projects for a local governmental unit or state agency. State law excludes minor service or maintenance work, warranty work, or work under a supply-and-installation contract. There is a statutory definition for most of these exclusions. The prevailing wage laws that apply to local governmental units and their contractors are §§66.0903 and 103.503, Wis. Stats. The prevailing wage laws that apply to state agencies and their contractors are §§103.49 and 103.503, Wis. Stats. The applicable administrative rules for all prevailing wage projects are DWD 290 and DWD 294, Wis. Adm. Code. These laws include provisions that apply to all contractors and subcontractors working on prevailing wage projects.

Any contractor or subcontractor working on a local governmental unit or state agency's public works project that equals or exceeds current prevailing wage project thresholds must do all of the following:

- Receive and review the project's prevailing wage rate determination (i.e., white sheet).
- Tell subcontractors the project is subject to state prevailing wage law and include the prevailing wage rate determination in the construction contract, or if there is no written contract, provide a copy of the project determination to each subcontractor.
- Hire subcontractors who do *not* appear on the "Consolidated List of Debarred Contractors."
- Have a written substance abuse testing program in place that fulfills the requirements of §103.503, Wis. Stats., before commencing work on the project.

- Notify subcontractors that if DWD finds that a contractor or subcontractor violated the prevailing wage law, DWD will assess liquidated damages of 100% of the wages owed to employees.
- Apply to DWD for subjourney wage rates prior to employing these individuals on the project.
- Receive and retain a completed Affidavit of Compliance from each subcontractor brought on to the project before providing final payment to those subcontractors.
- Submit a completed Affidavit of Compliance to the contractor who brought the subcontractor on to the project before receiving final payment for the project.
- Maintain payroll records for 3 years that comply with §§66.0903(10)(a) or 103.49(5)(a), Stats. and DWD 274.06.
- Respond to requests from DWD or the project owner to provide payroll records and/or respond to prevailing wage complaints filed by employees or third parties.

For more information, visit the prevailing wage website: http://dwd.wisconsin.gov/er/prevailing_wage_rate/default.htm. For further assistance, call the Equal Rights Division at 608-266-6861 and ask for prevailing wage.

Disclosure of Ownership

The statutory authority for the use of this form is prescribed in Sections 66.0903(12)(d), 66.0904(10)(d) and 103.49(7)(d), Wisconsin Statutes.

The use of this form is mandatory. The penalty for failing to complete this form is prescribed in Section 103.005(12), Wisconsin Statutes.

Personal information you provide may be used for secondary purposes [Privacy Law, s. 15.04(1) (m), Wisconsin Statutes].

- (1) On the date a contractor submits a bid to or completes negotiations with a state agency, local governmental unit, or developer, investor or owner on a project subject to Section 66.0903, 66.0904 or 103.49, Wisconsin Statutes, the contractor shall disclose to such state agency, local governmental unit, or developer, investor or owner, the name of any "other construction business," which the contractor, or a shareholder, officer or partner of the contractor, owns or has owned within the preceding three (3) years.
- (2) The term "other construction business" means any business engaged in the erection, construction, remodeling, repairing, demolition, altering or painting and decorating of buildings, structures or facilities. It also means any business engaged in supplying mineral aggregate, or hauling excavated material or spoil as provided by Sections 66.0903(3), 66.0904(2), 103.49(2) and 103.50(2), Wisconsin Statutes.
- (3) This form must **ONLY** be filed, with the state agency project owner, local governmental unit project owner, or developer, investor or owner of a publicly funded private construction project that will be awarding the contract, if **both (A) and (B) are met**.
 - (A) The contractor, or a shareholder, officer or partner of the contractor:
 - (1) Owns at least a 25% interest in the "other construction business," indicated below, on the date the contractor submits a bid or completes negotiations; or
 - (2) Has owned at least a 25% interest in the "other construction business" at any time within the preceding three (3) years.
 - (B) The Wisconsin Department of Workforce Development (DWD) has determined that the "other construction business" has failed to pay the prevailing wage rate or time and one-half the required hourly basic rate of pay, for hours worked in excess of the prevailing hours of labor, to any employee at any time within the preceding three (3) years.

Other Construction Business

Business Name			
Street Address or P O Box	City	State	Zip Code
Business Name			
Street Address or P O Box	City	State	Zip Code
Business Name			
Street Address or P O Box	City	State	Zip Code
Business Name			
Street Address or P O Box	City	State	Zip Code

I hereby state under penalty of perjury that the information, contained in this document, is true and accurate according to my knowledge and belief.

Print the Name of Authorized Officer			
Authorized Officer Signature		Date Signed	
Corporation, Partnership or Sole Proprietorship Name			
Street Address or P O Box	City	State	Zip Code

If you have any questions call (608) 266-6861

Prime Contractor Affidavit of Compliance With Prevailing Wage Rate Determination

Authorization for this form is provided under Sections 66.0903(9)(c), 66.0904(7)(c) and 103.49(4r)(c) Wisconsin Statutes.

The use of this form is mandatory. The penalty for failing to complete this form is prescribed in Section 103.005(12), Wisconsin Statutes.

Personal information you provide may be used for secondary purposes [Privacy Law, s. 15.04(1)(m), Wisconsin Statutes].

This form must **ONLY** be filed with the **Awarding Agency** indicated below.

State Of))SS County Of)	Project Name	
	DWD Determination Number	Project Number (if applicable)
	Date Determination Issued	Date of Contract
	Awarding Agency	
	Date Work Completed	

After being duly sworn, the person whose name and signature appears below hereby states under penalty of perjury that

- **I am** the duly authorized officer of the corporation, partnership, sole proprietorship or business indicated below and have recently completed all of the work required under the terms and conditions of a contract with the above-named awarding agency and make this affidavit in accordance with the requirements set forth in Section 66.0903(9)(c), 66.0904(7)(c) or 103.49(4r)(c), Wisconsin Statutes and Chapter DWD 290 of the Wisconsin Administrative Code in order to obtain FINAL PAYMENT from such awarding agency.
- **I have** fully complied with all the wage and hour requirements applicable to this project, including all of the requirements set forth in the prevailing wage rate determination indicated above which was issued for such project by the Department of Workforce Development on the date indicated above.
- **I have** received the required affidavit of compliance from each of my agents and subcontractors that performed work on this project and have listed each of their names and addresses on page 2 of this affidavit.
- **I have** full and accurate records that clearly indicate the name and trade or occupation of every worker(s) that I employed on this project, including an accurate record of the hours worked and actual wages paid to such worker(s).
- **I will** retain the records and affidavit(s) described above and make them available for inspection for a period of at least three (3) years from the completion date indicated above at the address indicated below and shall not remove such records or affidavit(s) without prior notification to the awarding agency indicated above.

Name of Corporation, Partnership, Sole Proprietorship, Business, State Agency or Local Governmental Unit				
Street Address	City	State	Zip Code	Telephone Number
Print Name of Authorized Officer			Date Signed	
Signature of Authorized Officer				

List of Agents and Subcontractors

Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number			Telephone Number		
Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number			Telephone Number		
Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number			Telephone Number		
Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number			Telephone Number		
Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number			Telephone Number		
Name			Name		
Street Address			Street Address		
City	State	Zip Code	City	State	Zip Code
Telephone Number			Telephone Number		

If you have any questions call (608) 266-6861

Agent or Subcontractor Affidavit of Compliance With Prevailing Wage Rate Determination

Authorization for this form is provided under Sections 66.0903(9)(b), 66.0904(7)(b) and 103.49(4r)(9b), Wisconsin Statutes. The use of this form is mandatory. The penalty for failing to complete this form is prescribed in Section 103.005(12), Wisconsin Statutes.

Personal information you provide may be used for secondary purposes [Privacy Law, Section 15.04(1)(m), Wisconsin Statutes].

This form must **ONLY** be filed with the **Awarding Contractor** indicated below.

State Of _____))SS County Of _____)	Project Name	
	DWD Determination Number	Project Number (if applicable)
	Date Determination Issued	Date of Subcontract
	Awarding Contractor	
	Date Work Completed	

After being duly sworn, the person whose name and signature appears below hereby states under penalty of perjury that

- **I am** the duly authorized officer of the corporation, partnership, sole proprietorship or business indicated below. We have recently completed all of the work required under the terms and conditions of a subcontract with the above-named awarding contractor. We make this affidavit in accordance with the requirements set forth in Section 66.0903(9)(b), 66.0904(7)(b) or 103.49(4r)(b), Wisconsin Statutes and Chapter DWD 290 of the Wisconsin Administrative Code in order to obtain FINAL PAYMENT from such awarding contractor.
- **I have** fully complied with the entire wage and hour requirements applicable to this project, including all of the requirements set forth in the prevailing wage rate determination indicated above which was issued for such project by the Department of Workforce Development on the date indicated above.
- **I have** received the required affidavit of compliance from each of my agents and subcontractors that performed work on this project and have listed each of their names and addresses on page 2 of this affidavit.
- **I have** full and accurate records that clearly indicate the name and trade or occupation of every worker(s) that I employed on this project, including an accurate record of the hours worked and actual wages paid to such worker(s).
- **I will** retain the records and affidavit(s) described above and make them available for inspection for a period of at least three (3) years from the completion date indicated above at the address indicated below and shall not remove such records or affidavit(s) without prior notification to the awarding contractor.

Name of Corporation, Partnership, Sole Proprietorship, Business, State Agency or Local Governmental Unit				
Street Address or PO Box	City	State	Zip Code	Telephone Number ()
Print Name of Authorized Officer			Date Signed	
Authorized Officer Signature				

List of Agents and Subcontractors

Name			Name		
Street Address			Street Address		
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Telephone Number ()			Telephone Number ()		

If you have any questions call (608) 266-6861

Request to Employ Subjourneyperson

The use of this form is mandatory. The penalty for failing to complete this form is prescribed in Section 103.005(12), Wisconsin Statutes. Personal information you provide may be used for secondary purposes (Privacy Law, s. 15.04(1)(m), Wisconsin Statutes).

The employer indicated below requests that the Department of Workforce Development (DWD) determine the prevailing wage rate(s) and related qualifications to enable such employer to use a subjourneyperson(s) on the following prevailing wage project, in accordance with the provisions of Section DWD 290.025, Wisconsin Administrative Code.

1. Name of Project Appearing on the Project Determination			
County	City, Village or Town		
DWD Project Determination Number	Project Number (if applicable)		
2. Job Classification(s) for which you request a subjourney rate (i.e., carpenter, electrician, plumber, etc.)			
a.	b.		
c.	d.		
3. Employer Name (Print)			
Requester Name (Print)		City	State
Address		Zip Code	
Telephone Number ()		Requester Title	
Email address (if you prefer to receive your response via email)		Fax Number (if you prefer to receive your response via fax) ()	

READ CAREFULLY: I understand that this request is ONLY applicable to the project and job classification(s) listed above and that subjourney employees primarily work under the direction of and assist a skilled trade employee by frequently using the tools of a skilled trade and will NOT regularly perform the duties of a general laborer, heavy equipment operator or truck driver. If the subjourney employee regularly performs the work of a different trade or occupation, he/she will be compensated for such work at the applicable journeyperson prevailing wage rate. I agree to compensate subjourney employees in strict accordance with the directions received from the DWD.

Requester Signature	Date Signed
---------------------	-------------

MAIL the completed request to:
EQUAL RIGHTS DIVISION, LABOR STANDARDS BUREAU
PO BOX 8928, MADISON WI 53708
OR
FAX the completed request to: (608) 267-4592 / **DO NOT e-mail your request.**
Call (608) 266-6861 for assistance in completing this form.

ADDITIONAL GENERAL PREVAILING WAGE LAW INFORMATION

(This document updated July 2015)

NOTE: Recent prevailing wage law changes enacted by the 2015-17 Budget Bill (2015 Wisconsin Act 55) do not go into effect until calendar year 2017.

For prevailing wage laws and frequently asked questions, refer to the prevailing wage website at:
http://dwd.wisconsin.gov/er/prevailing_wage_rate/default.htm

Topic	Who's affected?	Brief description of requirement under §66.0903 or §103.49
Non-applicability	All public entities	Prevailing wage rates do not apply to minor service or maintenance work, warranty work, or work under a supply and installation contract.
Non-applicability: Minor service or maintenance work	Local governmental units & Contractors	Minor service or maintenance work means a project of public works that is limited to <ul style="list-style-type: none"> • minor crack filling, chip or slurry sealing, or other minor pavement patching, not including overlays, that has a projected life span of no longer than 5 years or that is performed for a TOWN and is not funded under §86.31, regardless of projected life span; • the depositing of gravel on an existing gravel road applied solely to maintain the road; • road shoulder maintenance; • cleaning of drainage or sewer ditches or structures; or • any other limited, minor work on public facilities or equipment that is routinely performed to prevent breakdown or deterioration.
Non-applicability: Minor service or maintenance work	State agencies	Minor service or maintenance work means a project of public works that is limited to <ul style="list-style-type: none"> • minor crack filling, chip or slurry sealing, or other minor pavement patching, not including overlays, that has a projected life span of no longer than 5 years; • cleaning of drainage or sewer ditches or structures; or • any other limited, minor work on public facilities or equipment that is routinely performed to prevent breakdown or deterioration.
Non-applicability: Supply & installation contract	All public entities	Supply and installation contract means a contract under which the material is installed by means of simple fasteners or connectors such as screws or nuts and bolts and no other work is performed on the site of the project of public works, and the total labor cost to install the material does not exceed 20 percent of the total cost of the contract.
Non-applicability: Work which a contractor or individual donates to a public entity	All public entities	Prevailing wage laws §§66.0903 & 103.49, Stats., do not apply to work performed on a project of public works for which the local governmental unit or the state or the state agency contracting for the project is not required to compensate any contractor, subcontractor, contractor's or subcontractor's agent, or individual for performing the work.

Topic	Who's affected?	Brief description of requirement under §66.0903 or §103.49
Non-applicability: Residential	All public entities	A prevailing wage rate determination is not required for the erection, construction, repair, remodeling, or demolition of a residential property containing 2 dwelling units or less.
Non-applicability: Residential subdivision infrastructure	All public entities	A prevailing wage rate determination is not required for a road, street, bridge, sanitary sewer, or water main project that is a part of a development in which at least 90 percent of the lots contain or will contain 2 dwelling units or less, as determined by the local governmental unit at the time of approval of the development, and that, on completion, is acquired by, or dedicated to, a local governmental unit (including under §236.13(2), Stats.), or the state, for ownership or maintenance by the local governmental unit or the state.
Electronic certified payroll record	Contractors	The requirement that every contractor on a prevailing wage project submit to DWD monthly a certified record of employees who worked on the project and that DWD post these certified records on its Internet website was discontinued effective July 1, 2011. Contractors are still required to maintain payroll records and provide them upon request from DWD &/or the project owner.
Payroll record inspection request by any person	Contractors & Complainants	Any person may request DWD to inspect the payroll records of any contractor working on a prevailing wage project. On receipt of such a request, the contractor must submit to DWD a certified record of its payroll records, other than personally identifiable information relating to an employee of the contractor, for no longer than a 4-week period. DWD may request records from a contractor under this provision no more than once per calendar quarter for each project of public works on which the contractor is performing work. The department may not charge a requester a fee for obtaining that information. DWD must make these certified records available for public inspection.
Statewide uniformity	Local governmental units	A local governmental unit may not enact & administer a prevailing wage ordinance/provision for public works or publicly funded private construction projects. Any extant laws to that effect are void.
Substance Abuse Testing	Contractors & Workers	Before commencing work on a prevailing wage project, a contractor must have a written substance abuse testing program in place that complies with §103.503, Wis. Stats. No employee may use, possess, attempt to possess, distribute, deliver, or be under the influence of a drug or under the influence of alcohol while performing work on a prevailing wage project.

Topic	Who's affected	Brief description of requirement under §66.0903 or §103.49
Covered employees	Truck drivers & Other workers & Contractors	<p>A laborer, worker, mechanic, or truck driver who is employed to process, manufacture, pick up, or deliver materials or products from a commercial establishment that has a fixed place of business from which the establishment supplies processed or manufactured materials or products or from a facility that is not dedicated exclusively, or nearly so, to a project of public works is NOT entitled to receive the prevailing wage rate UNLESS any of the following applies:</p> <ul style="list-style-type: none">1) the laborer, worker, mechanic, or truck driver is employed to go to the source of mineral aggregate such as sand, gravel, or stone and deliver that mineral aggregate to the site of a project of public works by depositing the material directly in final place, from the transporting vehicle or through spreaders from the transporting vehicle.2) the laborer, worker, mechanic, or truck driver is employed to go to the site of a project of public works, pick up excavated material or spoil from the site of the project, and transport that excavated material or spoil away from the site of the project.

Exhibits

ID 1060-33-23 – Parcel 24

Removal, Grading, Backfill

Location Map

Floor Plans – Site Diagram

Additional Information

Photos

Asbestos Inspection and Abatement Report

ID 1060-33-24, Parcel 24 – 8311 W Bluemound Rd., Wauwatosa WI

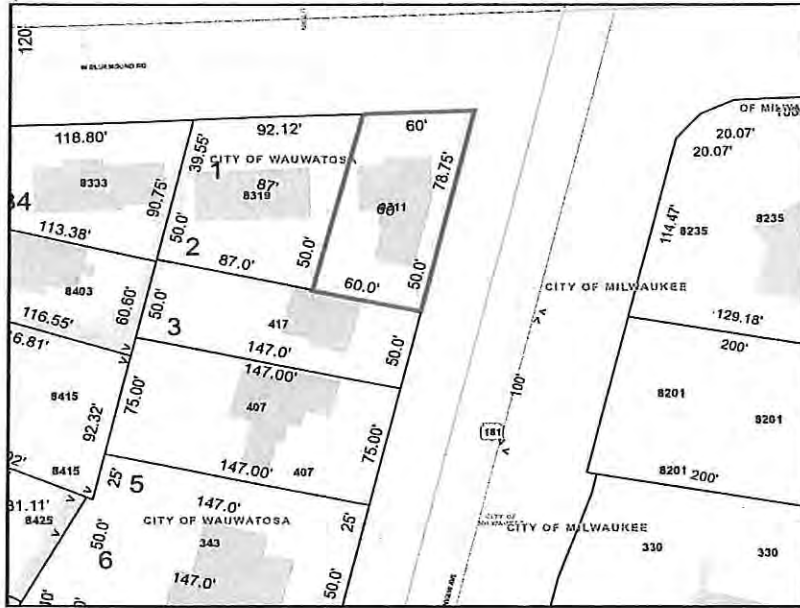
REMOVE: 1,775 SF one-story, single family residence with a 1,050 SF concrete block basement and additional 725 SF crawl space. Features wood frame construction, aluminum siding and brick belt exterior. Wood soffit and fascia, wood rafters, composition shingles, and slide-by windows. Concrete/asphalt paving areas, concrete access walks, slabs and steps if applicable. Municipal water and sanitary sewer (water turned off at curb and meter pulled by Wauwatosa Water Utility December 29, 2015 (414) 479-8964).

GRADING: As directed by the State Department of Transportation inspector. Reference Special Provisions - Article 2 – Item #5. *Note 1:* Final grade, finish to include full site restoration to any areas disturbed by removal with application of topsoil, seed, and mulch. *Note 2:* Try to leave as much natural landscaping as possible (e.g., trees, shrubs, and evergreens).

Floor Plan/Site Diagram – Following Page(s)

BACKFILL: Reference Special Provisions Article 21 and the *Special Requirements* under Article 2- Scope of Work, of these special Provisions. Septic Tank - Granular Material; Well - Concrete or Other Material Acceptable to Wisconsin Department of Natural Resources.

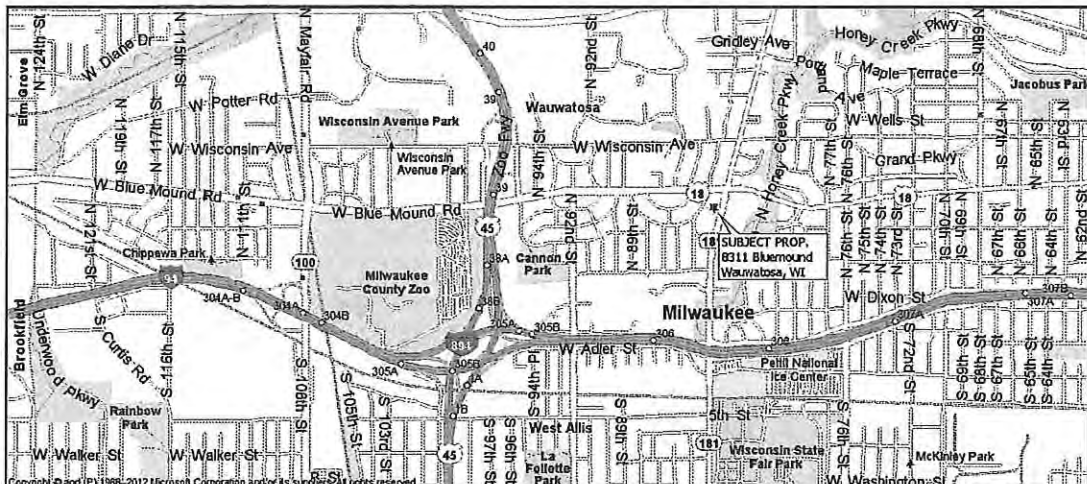
PLAT MAP



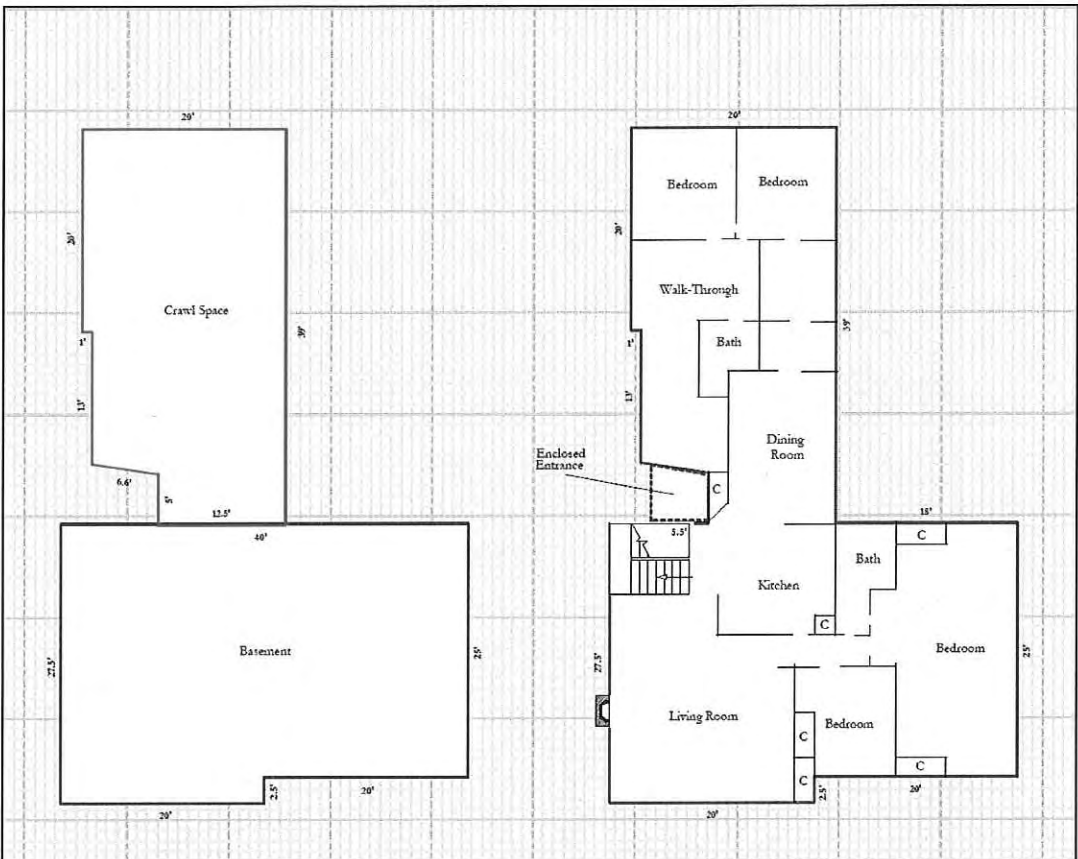
AERIAL MAP



NEIGHBORHOOD MAP



FLOOR PLAN



AREA CALCULATIONS SUMMARY				LIVING AREA BREAKDOWN			
Code	Description	Net Size	Net Totals	Breakdown		Subtotals	
GLA1	First Floor	1775.3	1775.3	First Floor			
BSMT	Basement	1050.0	1050.0	12.5 x	6.0	75.0	
P/P	Enclosed Entry	27.5	27.5	2.5 x	20.0	50.0	
OTH	Crawl Space	725.3	725.3	25.0 x	40.0	1000.0	
				13.0 x	19.0	247.0	
				0.5 x	1.0 x	6.5	3.3
				20.0 x	20.0	400.0	
Net LIVABLE Area		(rounded)	1775	6 Items	(rounded)	1775	

IMPROVEMENT ANALYSIS

The following is a description of the improvements is based on a review of available municipal data and information obtained during an inspection of the site and improvements conducted on September 8, 2015. The property consists of a 1.0-story single family residence *originally* constructed in 1956 for a physical age of 59 years. According to municipal records the original structure contained 1,050 square feet. In 1959 a 725 square foot addition was constructed. The addition was constructed and utilized as a dental office.

The subject has approximately 1,775 square feet above grade. The room count above grade is 8 total rooms, with 4 bedrooms and 2 full baths. The basement contains approximately 1,050 square feet with 50-percent finished recreation room (no value allocated for recreation room). There is an additional 725 square feet of crawl space area that has a dirt floor and an approximate 4-foot height clearance. The overall physical condition of the improvements would be rated as fair to poor.

The basic construction features are summarized as follows:

- Wood frame wall construction;
- Aluminum siding and brick belt;
- Wood soffit and fascia;
- Wood roof rafters with composition roof shingles and aluminum gutters;
- Slide-by windows.

Foundation

The subject's foundation consists of concrete block.

Frame

The construction components include wood frame.

Floor Construction

The subject's floor structure is summarized as follows:

- 1st Floor: Wood joists.

Exterior Walls

The subject's wall structure is aluminum siding with a brick belt.

Roof Cover

Roof is asphalt shingles (poor condition).

Exterior Condition

The overall physical exterior condition is fair to poor.

Interior Finishes

- Floors: Asphalt tile, carpeting, ceramic and sub floor
- Walls: Painted drywall
- Ceilings: Painted drywall
- Summary: Interior finishes are in fair to poor condition

HVAC

The dwelling has 1-“Lennox” gas forced air furnace with a central air conditioning unit and 1-“Carrier” gas forced air furnace, both with central air conditioning units.

Electrical

The electrical service is 200-amp circuit breakers and appears adequate for the structure.

Water Heater

The subject has a “Kenmore” 40-gallon gas hot water heater.

Windows

The windows are predominately slide-by windows.

Doors

The interior doors are wooden hollow core. The exterior entrance doors are metal.

Bathroom

The subject has two full bathrooms. The bathrooms have carpet and asphalt tile flooring, ceramic tub and shower surrounds, a toilet and vanity sinks.

Kitchen

The kitchen has an asphalt tile floor, double sink, laminate counter top and natural cabinets. The walls are painted drywall and the ceiling is painted drywall. Some of the floor is exposed sub-flooring (plywood).

Living Room

The living room has a carpeted floor, drywall walls and ceiling and painted woodwork.

Bedrooms

There are four bedrooms. All bedrooms have carpeted floors, drywall walls & ceilings and natural & painted woodwork.

Parking

There is ample surface parking available on the asphalt driveway.

Landscaping

The landscaping is considered average for the area. The landscaping consists of mature trees and shrubs.

Utilities

The subject is serviced by municipal sewer and water.

Environmental Issues

The value estimate rendered in this report is predicated on the assumption that there is no hazardous material on or in the improvements, causing a loss in value. We have no knowledge of the existence of these substances on or in the subject improvements. However, we are not qualified to detect hazardous waste or toxic materials.

SUBJECT PHOTOS



FRONT VIEW – LOOKING SOUTH



REAR/SIDE VIEW – LOOKING NORTHEAST



FRONT/SIDE VIEW – LOOKING SOUTHWEST



REAR/SIDE VIEW – LOOKING NORTHWEST

ADDENDUM A SUBJECT PHOTOGRAPHS



WOOD DECK

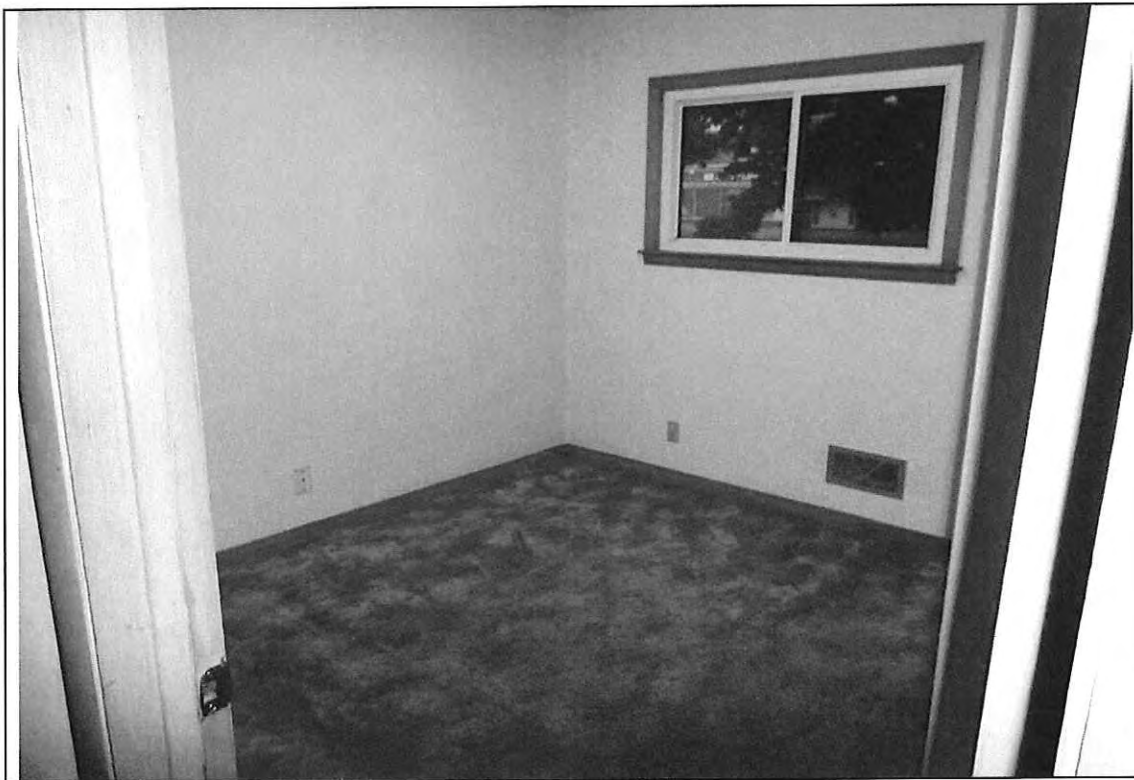


SUBJECT ROOF

ADDENDUM A SUBJECT PHOTOGRAPHS



MASTER BEDROOM



BEDROOM

ADDENDUM A SUBJECT PHOTOGRAPHS



BEDROOM



BEDROOM

ADDENDUM A SUBJECT PHOTOGRAPHS

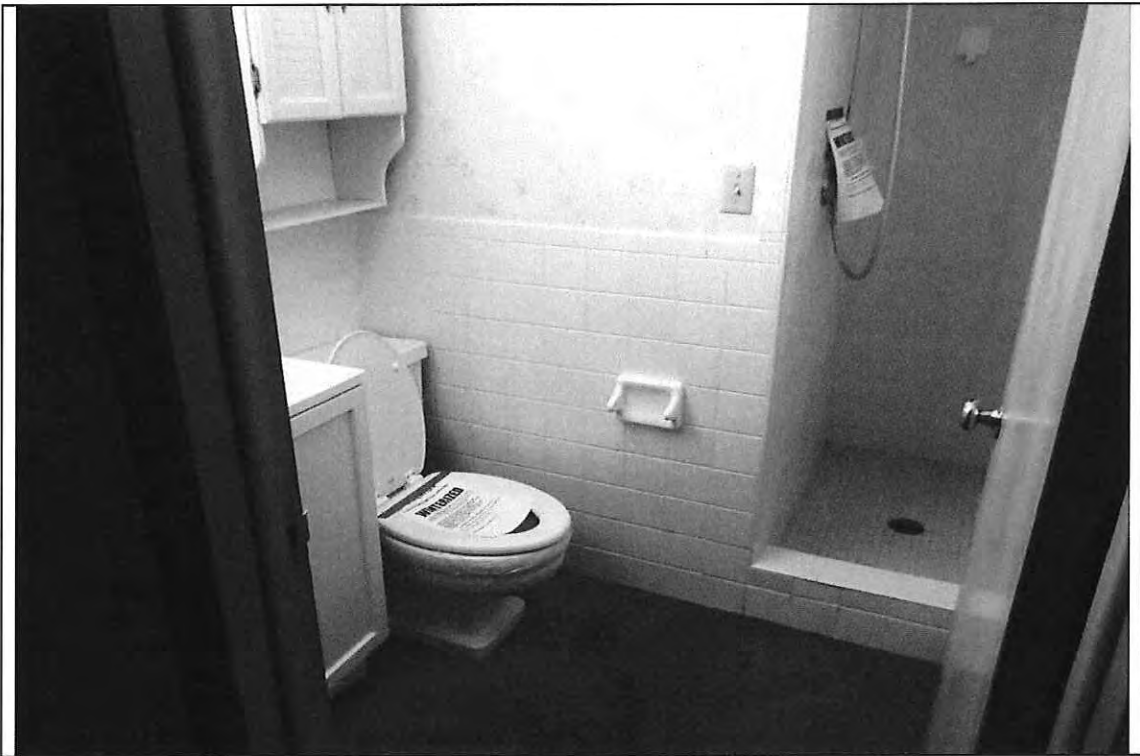


WALK-THROUGH ROOM

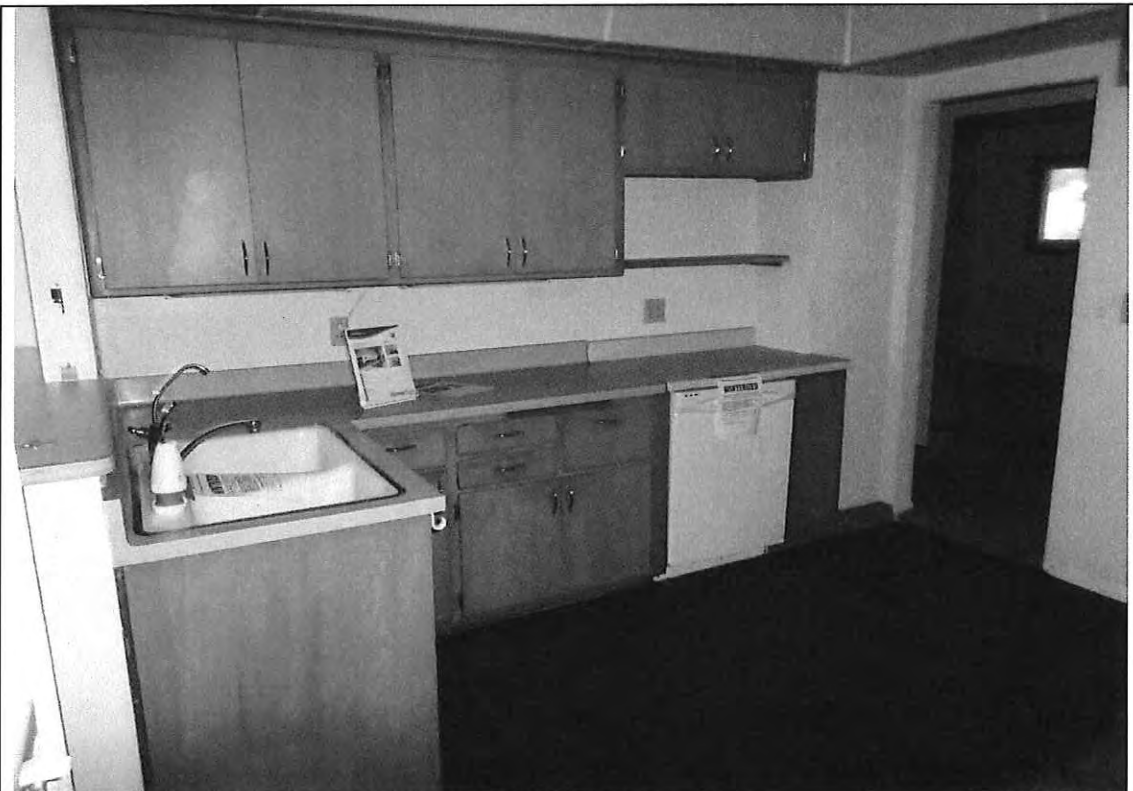


WALK THROUGH AREA

ADDENDUM A SUBJECT PHOTOGRAPHS



BATH



KITCHEN

ADDENDUM A SUBJECT PHOTOGRAPHS



KITCHEN



BATH



BATH - TUB SURROUND



LIVING ROOM



RECREATION ROOM



FURNACE



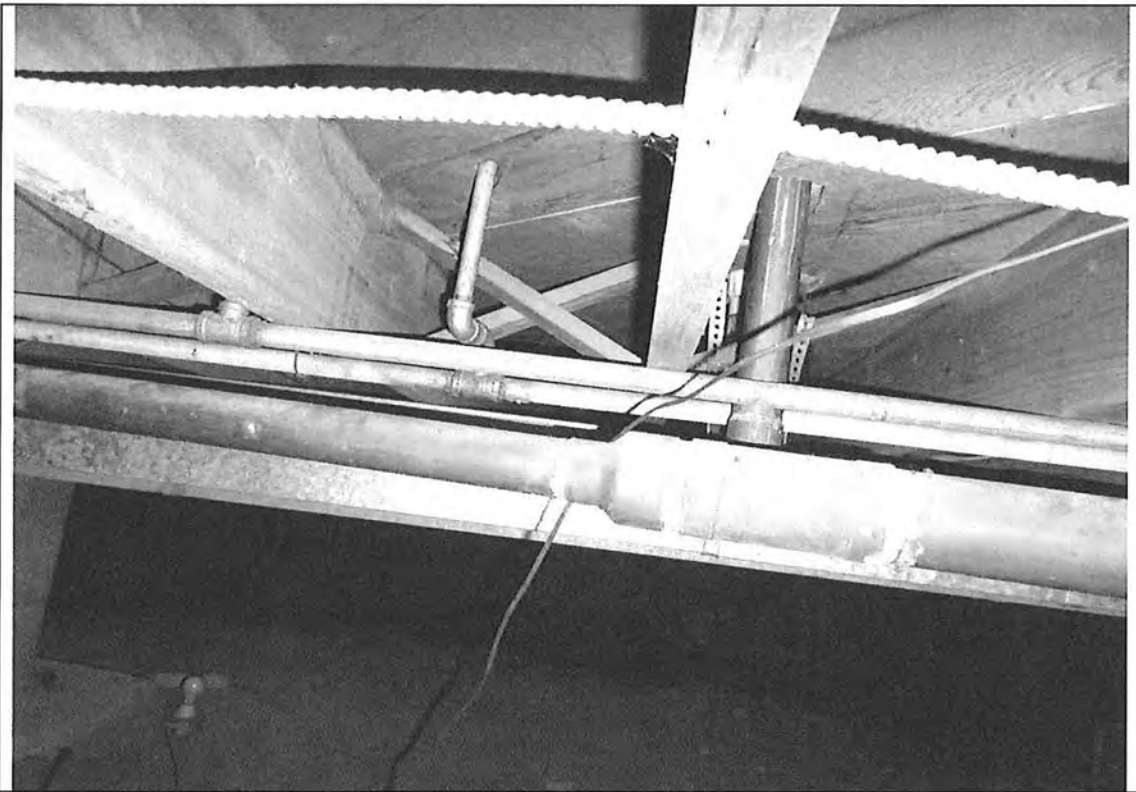
FURNACE



ELECTRIC SERVICE



CRAWL SPACE



CRAWL SPACE

**ASBESTOS INSPECTION REPORT****Job Site:**

**8311 West Bluemound Road
Wauwatosa, Wisconsin
Parcel No. 24**

For:

**WisDOT-Trans System Development
Southeast Tech Services-Real Estate**

Attn.: Michael Jenders
141 NW Barstow Street
P.O. Box 798
Waukesha, WI 53187-0798
Project #: 1060-33-23

KPH Project # 16-400-037

Dean Jacobsen
Asbestos Inspector No. AII - 14370

Prepared by:

KPH Environmental
1237 West Bruce Street
Milwaukee, Wisconsin 53204

February 2016

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PHONE 616.920.0574

FAX 414.647.1540

Project ID 1060-33-23, Parcel No. 24

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8311 West Bluemound Road

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I. INTRODUCTION

KPH Environmental Corp., (KPH) was retained by the Wisconsin Department of Transportation to conduct an inspection of the building at 8311 West Bluemound Road, Wauwatosa, Wisconsin, for the following:

- Suspect asbestos containing materials
- Universal wastes such as mercury thermostats and light bulbs and PCB containing light fixture ballasts

The house is scheduled for demolition. Michael Jenders, of the Wisconsin Department of Transportation, authorized KPH to conduct a building inspection and to analyze samples collected during the inspection. **The inspection of the house at 8311 West Bluemound Road, Wauwatosa, Wisconsin, was conducted on February 16, 2016, to cover the items listed above.** The inspection was conducted by Dean Jacobsen, Wisconsin Asbestos Inspector License No. 14370. Additional information on the inspection and results are contained in the following sections.

II. ASEBSTOS INSPECTION

A. Methods

This asbestos inspection included a visual determination as to the extent of visible and accessible suspect materials in the buildings, sampling and documentation of any suspect materials, and quantification of observable and accessible positive materials existing within the spaces.

Bulk sampling involves inspecting all or part of a building (depending on the project scope) and identifying suspect asbestos containing materials. According to the USEPA, this includes all materials except wood, metal, and glass. After suspect materials are identified, the inspector divides the building into homogeneous areas. Homogeneous areas contain materials that are alike in color, composition, age of installation, and any other aspect. If any differences are identified during the inspection, a separate homogeneous area is established.

The inspector then used USEPA sampling protocols to collect bulk samples based upon the type of material and quantity of material in the homogeneous area. Bulk samples were placed into resealable containers and sent to a laboratory certified under the National Voluntary Laboratory Accreditation program (NVLAP) for analysis. Destructive sampling was not conducted where it would have adversely impacted suspect asbestos containing materials, to avoid damage and building contamination.

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.

B. List of Suspect Asbestos Containing Materials

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

- Fiberboard
- Tar paper
- Caulk
- Asphalt shingle
- Brick/mortar
- Floor tile
- Linoleum
- Duct paper
- Drywall/joint compound
- Ceramic tile
- Fire brick
- Window glazing compound
- Vinyl wallbase
- Ceiling tile
- Flue packing
- Concrete block/mortar
- Mastics

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

C. The Laboratory

Samples were analyzed at Amerisci of Midlothian, Virginia for total asbestos content by volume using EPA Method 600/M4/82/020, 600/R-93/116. 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, crocidolite, 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. Where the first sample of a homogeneous material contained more than 1% asbestos, the subsequent samples of that material were not analyzed. A point count analysis is performed for samples where the polarized light microscopy result is close to 1%. The point count is a more accurate fiber counting method and takes precedence over polarized light microscopy result.

Current regulations state asbestos containing materials (ACM) means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Bold values indicate that the material contains more than 1% asbestos.

D. Samples and Results

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

Sample #	Location and Description	Results	Homogeneous Code
1A-8311	Exterior – south wall under aluminum siding – fiberboard	Negative	MFB
1B-8311	Exterior – west wall under aluminum siding – fiberboard	Negative	MFB
1C-8311	Exterior – north wall under aluminum siding – fiberboard	Negative	MFB
2A-8311	Exterior – south wall under fiberboard – tar paper	Negative	MPT
2B-8311	Exterior – west wall under fiberboard – tar paper	Negative	MPT
2C-8311	Exterior – east wall under fiberboard – tar paper	Negative	MPT
3A-8311	Exterior – south wall under tar paper – fiberboard #2	Negative	MFB2
3B-8311	Exterior – west wall under tar paper – fiberboard #2	Negative	MFB2
3C-8311	Exterior – east wall under tar paper – fiberboard #2	Negative	MFB2
4A-8311	Exterior – around south window – white caulk	Negative	MCLKw
4B-8311	Exterior – around east window – white caulk	Negative	MCLKw
4C-8311	Exterior – around north door – white caulk	Negative	MCLKw
5A-8311	Roof – south side top layer – asphalt shingle	Negative	MRS
5B-8311	Roof – west side top layer – asphalt shingle	Negative	MRS
5C-8311	Roof – east side top layer – asphalt shingle	Negative	MRS
6A-8311	Roof – south side bottom layer – tar paper #2	Negative	MPT2
6B-8311	Roof – west side bottom layer – tar paper #2	Negative	MPT2
6C-8311	Roof – east side bottom layer – tar paper #2	Negative	MPT2
7A-8311	Exterior – west wall – brick/mortar	Negative	MBR
7B-8311	Exterior – north wall – brick/mortar	Negative	MBR
7C-8311	Exterior – east wall – brick/mortar	Negative	MBR
8A-8311	Exterior – on concrete ledges – beige caulk	Positive 3% Chrysotile	MCLKe
9A-8311	Exterior – around north windows – white caulk #2	Negative	MCLKw2
10A-8311	1 st floor – east entry – under carpet – yellow mastic	Negative	MCMI
11A-8311a	1 st floor – kitchen top layer – 12” yellow and brown floor tile	Positive 3% Chrysotile	MF12ln
11A-8311b	1 st floor – kitchen top layer – under 12” yellow and brown floor tile – yellow mastic	Negative	MF12ln
12A-8311	1 st floor – kitchen – bottom layer – gold linoleum	Negative	MFLd
13A-8311	1 st floor – kitchen – on duct in north wall – duct paper	Positive 65% Chrysotile	TDW
14A-8311	1 st floor – kitchen – west wall – drywall/joint compound	Trace <1% Chrysotile	MDW
14A-8311	Point Count Result	Trace 0.07% Chrysotile	MDW
14B-8311	1 st floor – northwest bedroom – north wall – drywall/joint compound	Trace <1% Chrysotile	MDW
14B-8311	Point Count Result	Trace 0.03% Chrysotile	MDW

Sample #	Location and Description	Results	Homogeneous Code
14C-8311	1 st floor – southwest bedroom – south wall – drywall/joint compound	Trace <1% Chrysotile	MDW
14C-8311	Point Count Result	Trace 0.1% Chrysotile	MDW
15A-8311a	1 st floor – living room – at fireplace – tan ceramic tile	Negative	MCTMt
15A-8311b	1 st floor – living room – at fireplace – grout	Negative	MCTMt
16A-8311	1 st floor – living room – in fireplace – fire brick	Negative	TFB
17A-8311a	1 st floor – north bathroom – top layer – 12” beige and gold floor tile	Negative	MF12ed
17A-8311b	1 st floor – north bathroom – top layer – under 12” beige and gold floor tile – yellow mastic	Negative	MF12ed
18A-8311a	1 st floor – north bathroom – bottom layer – 12” gray floor tile	Negative	MF12y
18A-8311b	1 st floor – north bathroom – bottom layer – under 12” gray floor tile – mastic	Negative	MF12y
19A-8311a	1 st floor – north bathroom – on tub wall – beige ceramic tile	Negative	MCTMe
19A-8311b	1 st floor – north bathroom – on tub wall – under beige ceramic tile – yellow mastic	Negative	MCTMe
20A-8311	1 st floor – north bathroom – around tub – cream caulk	Negative	MCLKc
21A-8311	1 st floor – north bathroom – on window – glazing compound	Negative	MPG
22A-8311a	1 st floor – dining room – under carpet – 9” tan and brown floor tile	Negative	MF9tn
22A-8311b	1 st floor – dining room – under 9” tan and brown floor tile – mastic	Negative	MF9tn
23A-8311a	1 st floor – dining room – at cabinet – 4” vinyl wallbase	Negative	MV4
23A-8311b	1 st floor – dining room – at cabinet – under 4” vinyl wallbase – yellow mastic	Negative	MV4
24A-8311a	1 st floor – west pass through – 9” white and black floor tile	Negative	MF9wk
24A-8311b	1 st floor – west pass through – under 9” white and black floor tile – yellow mastic	Negative	MF9wk
24B-8311a	1 st floor – office under carpet – 9” white and black floor tile	Negative	MF9wk
24B-8311b	1 st floor – office – under 9” white and black floor tile – yellow mastic	Negative	MF9wk
24C-8311a	1 st floor – southwest bedroom under carpet – 9” white and black floor tile	Negative	MF9wk
24C-8311b	1 st floor – southwest bedroom – under 9” white and black floor tile – yellow mastic	Negative	MF9wk
25A-8311a	1 st floor – south bathroom – on walls – white and tan ceramic tile	Negative	MCTMwt
25A-8311b	1 st floor – south bathroom – on walls – grout	Negative	MCTMwt
25A-8311c	1 st floor – south bathroom – on walls – under white and tan ceramic tile – tan mastic	Negative	MCTMwt
26A-8311	Basement – near stair – 2’ x 4’ ceiling tile	Negative	MSCT24
27A-8311	Basement – family room – under wood wall panels – tan mastic	Negative	MWMt
28A-8311	Basement – family room – south wall – drywall/joint compound #2	Negative	MDW2

Sample #	Location and Description	Results	Homogeneous Code
29A-8311	Basement – under carpet – tan mastic	Negative	MCMt
30A-8311	Basement – east room – on east wall – flue packing	Negative	TFP
31A-8311	Basement – exterior walls – concrete block/mortar	Negative	MCB

Homogeneous Material Codes

MFB	Fiberboard
MFB2	Fiberboard #2
MPT	Tar Paper
MPT2	Tar Paper #2
MCLKw	White Caulk
MCLKw2	White Caulk #2
MCLKe	Beige Caulk
MCLKc	Cream Caulk
MRS	Asphalt Shingle
MBR	Brick/Mortar
MCMl	Yellow Carpet
MCMt	Tan Carpet Mastic
MF12ln	12" Yellow & Brown Floor Tile
MF12ed	12" Beige & Gold Floor Tile
MF12y	12" Gray Floor Tile
MF9tn	9" Tan & Brown Floor Tile
MF9wk	9" White & Black Floor Tile
MFLd	Gold Linoleum
MDW	Drywall/Joint Compound
MDW2	Drywall/Joint Compound #2
MCTMt	Tan Ceramic Tile
MCTMe	Beige Ceramic Tile
MCTMwt	White & Tan Ceramic Tile
MPG	Glazing Compound
MV4	4" Vinyl Wallbase
MSCT24	2' x 4' Ceiling Tile
MWMt	Tan Wall Mastic
TFB	Fire Brick
TFP	Flue Packing
TDW	Duct Paper

E. Asbestos Locations and Quantities

Three (3) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials: beige caulk on the exterior concrete ledges and wall corner near the front door, yellow and brown floor tile in the kitchen, and duct paper on duct within the 1st floor walls.

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Beige Caulk	MCLKe	Exterior on Concrete Ledges at Walls, and on Wall Corners at Front Door	75 Ln. Ft.	Category II Non-Friable
12" Yellow & Brown Floor Tile	MF12ln	Kitchen Top Layer	160 Sq. Ft.	Category I Non-Friable

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Duct Paper	TDW	Ducts Within Kitchen, Living Room, North Bedrooms, & North Bathroom Walls	40 Sq. Ft.	Friable

The duct paper and caulk are friable or category II non-friable materials and must be abated by Wisconsin trained and certified asbestos personnel prior to demolition since they meet the NR 447 definition of regulated asbestos containing material (RACM) as friable asbestos, or category II non-friable asbestos containing materials that may become friable during demolition activities. The floor tile is a category I non-friable material and may remain on the building during demolition if the demolition debris will be disposed at a solid waste or construction/demolition landfill. The floor tile must be abated by Wisconsin certified asbestos personnel if the underlying wood will be recycled. There is a friable asbestos problem in the building.

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

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

III. UNIVERSAL WASTES

Universal waste includes items that contain or may contain materials such as mercury, polychlorinated biphenyls (PCB), refrigerants such as Freon and chlorofluorocarbons (CFC), and fuels. The following universal wastes and suspect universal wastes were identified in the buildings:

Material	Location	Approximate Quantity
High Intensity Discharge Bulbs-Mercury	Exterior at Back Door	2
Fluorescent Light Bulbs-Mercury	Kitchen, North Bathroom, North Bedroom Closet, South Bedrooms, Office, South bathroom, South Crawl Space, Basement	35
Fluorescent Light Ballasts – PCB	Kitchen, North Bathroom, South Bedrooms, Office, Basement	18

No samples were collected. Universal wastes must be removed separately for proper disposal prior to demolition.

IV. EXCLUSIONS

This report represents the condition of the house and its visible/accessible materials at the date and the times of the onsite inspection. Areas and materials that were hidden or not accessible are excluded, including all areas within walls and above ceilings. Hidden materials or those materials that could not be accessed 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.

V. LIMITATIONS

The care and skill given to our procedures insures the most reliable test results possible. The findings and conclusions of KPH represent our professional opinions extrapolated from limited data. Significant limited data is gathered during the course of the building inspection. No other warranty is expressed or implied. Prior to any abatement or renovation activities, it is recommended that KPH 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 Wisconsin Department of Transportation. 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 KPH Environmental Corp.

APPENDICES

A. ASBESTOS LABORATORY RESULTS



AMENDED

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: WDOT; 16-400-037

CEI LAB CODE: B16-1603

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
1A-8311		B146830	Tan	Fiberboard	None Detected
1B-8311		B146831	Tan	Fiberboard	None Detected
1C-8311		B146832	Tan	Fiberboard	None Detected
2A-8311		B146833	Black	Felt Paper	None Detected
2B-8311		B146834	Black	Felt Paper	None Detected
2C-8311		B146835	Black	Felt Paper	None Detected
3A-8311		B146836	Black,Brown	Fiberboard	None Detected
3B-8311		B146837	Black,Brown	Fiberboard	None Detected
3C-8311		B146838	Black,Brown	Fiberboard	None Detected
4A-8311		B146839	White	Caulking	None Detected
4B-8311		B146840	White	Caulking	None Detected
4C-8311		B146841	White	Caulking	None Detected
5A-8311		B146842	Gray,Black	Roofing	None Detected
5B-8311		B146843	Gray,Black	Roofing	None Detected
5C-8311		B146844	Gray,Black	Roofing	None Detected
6A-8311		B146845	Black	Felt Paper	None Detected
6B-8311		B146846	Black	Felt Paper	None Detected
6C-8311		B146847	Black	Felt Paper	None Detected
7A-8311		B146848	Gray	Cementitious Material	None Detected
7B-8311		B146849	Gray	Cementitious Material	None Detected
7C-8311		B146850	Gray	Cementitious Material	None Detected
8A-8311		B146851	Tan	Putty	Chrysotile 3%
9A-8311		B146852	White	Caulking	None Detected
10A-8311		B146853	Yellow	Mastic	None Detected
11A-8311		B146854A	Tan,Brown	Tile	Chrysotile 3%
		B146854B	Yellow,Clear	Mastic	None Detected
12A-8311		B146855	Tan,Black	Sheet Vinyl	None Detected
13A-8311		B146856	White,Off-white	Heterogeneous Material	Chrysotile 65%
14A-8311		B146857	White,Tan	Sheetrock/Mud	Chrysotile <1%
14B-8311		B146858	White,Tan	Sheetrock/Mud	Chrysotile <1%
14C-8311		B146859	White,Tan	Sheetrock/Mud	Chrysotile <1%



AMENDED

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: WDOT; 16-400-037

CEI LAB CODE: B16-1603

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
15A-8311	Layer 1	B146860	Tan,Red	Ceramic Tile	None Detected
	Layer 2	B146860	Gray	Grout	None Detected
16A-8311		B146861	Tan	Cementitious Material	None Detected
17A-8311		B146862A	Off-white,Gold	Tile	None Detected
		B146862B	Yellow,Clear	Mastic	None Detected
18A-8311	Layer 1	B146863	Gray,Black	Sheet Vinyl	None Detected
	Layer 2	B146863	Tan	Wood	None Detected
19A-8311		B146864A	Off-white	Ceramic Tile	None Detected
		B146864B	Yellow,Tan	Mastic	None Detected
20A-8311		B146865	White	Caulking	None Detected
21A-8311		B146866	White	Putty	None Detected
22A-8311	Layer 1	B146867	Tan,Black	Sheet Vinyl	None Detected
	Layer 2	B146867	Tan	Wood	None Detected
23A-8311		B146868A	Brown,Black	Vinyl	None Detected
		B146868B	Yellow,Tan	Mastic	None Detected
24A-8311		B146869A	White,Black	Tile	None Detected
		B146869B	Clear,Yellow	Mastic	None Detected
24B-8311		B146870A	White,Black	Tile	None Detected
		B146870B	Clear,Yellow	Mastic	None Detected
24C-8311		B146871A	White,Black	Tile	None Detected
		B146871B	Clear,Yellow	Mastic	None Detected
25A-8311	Layer 1	B146872A	Off-white	Ceramic Tile	None Detected
	Layer 2	B146872A	Gray	Grout	None Detected
		B146872B	Tan,Yellow	Mastic	None Detected
26A-8311		B146873	White,Gray	Acoustic Tile	None Detected
27A-8311		B146874	Yellow,Tan	Mastic	None Detected
28A-8311		B146875	White,Tan	Sheetrock/Mud	None Detected
29A-8311		B146876	Yellow,Tan	Mastic	None Detected
30A-8311		B146877	Gray	Cementitious Material	None Detected
31A-8311		B146878	Gray	Cementitious Material	None Detected



AMENDED **ASBESTOS BULK ANALYSIS**
By: POLARIZING LIGHT MICROSCOPY

Client: KPH Environmental Corp
1237 W Bruce St
Milwaukee, WI 53204

CEI Lab Code: B16-1603
Date Received: 02-18-16
Date Analyzed: 02-19-16
Date Reported: 02-24-16

Project: WDOT; 16-400-037

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
1A-8311 B146830	Fiberboard	Homogeneous Tan Fibrous Bound	95%	Cellulose	5%	Binder	None Detected
1B-8311 B146831	Fiberboard	Homogeneous Tan Fibrous Bound	95%	Cellulose	5%	Binder	None Detected
1C-8311 B146832	Fiberboard	Homogeneous Tan Fibrous Bound	95%	Cellulose	5%	Binder	None Detected
2A-8311 B146833	Felt Paper	Homogeneous Black Fibrous Bound	90%	Cellulose	10%	Tar	None Detected
2B-8311 B146834	Felt Paper	Homogeneous Black Fibrous Bound	90%	Cellulose	10%	Tar	None Detected
2C-8311 B146835	Felt Paper	Homogeneous Black Fibrous Bound	90%	Cellulose	10%	Tar	None Detected
3A-8311 B146836	Fiberboard	Heterogeneous Black,Brown Fibrous Bound	95%	Cellulose	5%	Tar	None Detected



AMENDED

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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Project: WDOT; 16-400-037

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
3B-8311 B146837	Fiberboard	Heterogeneous Black,Brown Fibrous Bound	95%	Cellulose	5%	Tar	None Detected
3C-8311 B146838	Fiberboard	Heterogeneous Black,Brown Fibrous Bound	95%	Cellulose	5%	Tar	None Detected
4A-8311 B146839	Caulking	Heterogeneous White Fibrous Bound	2%	Cellulose	3% 45% 50%	Non-Fibrous Debris Binder Calc Carb	None Detected
4B-8311 B146840	Caulking	Heterogeneous White Fibrous Bound	2%	Cellulose	3% 45% 50%	Non-Fibrous Debris Binder Calc Carb	None Detected
4C-8311 B146841	Caulking	Heterogeneous White Fibrous Bound	2%	Cellulose	3% 45% 50%	Non-Fibrous Debris Binder Calc Carb	None Detected
5A-8311 B146842	Roofing	Heterogeneous Gray,Black Fibrous Bound	50%	Cellulose	25% 25%	Gravel Tar	None Detected
5B-8311 B146843	Roofing	Heterogeneous Gray,Black Fibrous Bound	50%	Cellulose	25% 25%	Gravel Tar	None Detected



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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
5C-8311 B146844	Roofing	Heterogeneous Gray, Black Fibrous Bound	50%	Cellulose	25%	Gravel 25% Tar	None Detected
6A-8311 B146845	Felt Paper	Homogeneous Black Fibrous Bound	90%	Cellulose	10%	Tar	None Detected
6B-8311 B146846	Felt Paper	Homogeneous Black Fibrous Bound	90%	Cellulose	10%	Tar	None Detected
6C-8311 B146847	Felt Paper	Homogeneous Black Fibrous Bound	90%	Cellulose	10%	Tar	None Detected
7A-8311 B146848	Cementitious Material	Homogeneous Gray Fibrous Bound	2%	Cellulose	50% 48%	Silicates Binder	None Detected
7B-8311 B146849	Cementitious Material	Homogeneous Gray Fibrous Bound	2%	Cellulose	50% 48%	Silicates Binder	None Detected
7C-8311 B146850	Cementitious Material	Homogeneous Gray Fibrous Bound	2%	Cellulose	50% 48%	Silicates Binder	None Detected



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Project: WDOT; 16-400-037

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
8A-8311 B146851	Putty	Homogeneous Tan Fibrous Bound	2%	Cellulose	5% 40% 50%	Paint Binder Calc Carb	3% Chrysotile
9A-8311 B146852	Caulking	Heterogeneous White Fibrous Bound	2%	Cellulose	50% 48%	Calc Carb Binder	None Detected
10A-8311 B146853	Mastic	Heterogeneous Yellow Fibrous Bound	2% 3%	Cellulose Synthetic Fiber	95%	Mastic	None Detected
11A-8311 B146854A	Tile	Heterogeneous Tan,Brown Fibrous Bound	2%	Cellulose	50% 45%	Vinyl Binder	3% Chrysotile
B146854B	Mastic	Heterogeneous Yellow,Clear Fibrous Bound	3%	Cellulose	97%	Mastic	None Detected
12A-8311 B146855	Sheet Vinyl	Heterogeneous Tan,Black Fibrous Bound	45%	Cellulose	45% 5% 5%	Vinyl Tar Mastic	None Detected
13A-8311 B146856	Heterogeneous Material	Heterogeneous White,Off-white Fibrous Bound	20%	Cellulose	15%	Binder	65% Chrysotile



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Project: WDOT; 16-400-037

ASBESTOS BULK PLM, EPA 600 METHOD

ASBESTOS SURVEY EM, ET & CM METHOD							
Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS				ASBESTOS
Lab ID	Description	Attributes	Fibrous		Non-Fibrous		%
14A-8311	Sheetrock/Mud	Heterogeneous	15%	Cellulose	5%	Calc Carb	<1% Chrysotile
B146857		White, Tan			80%	Gypsum	
		Fibrous Bound					
Lab Notes: 2% Chrysotile in Mud, <1% Overall							
14B-8311	Sheetrock/Mud	Heterogeneous	15%	Cellulose	5%	Calc Carb	<1% Chrysotile
B146858		White, Tan			80%	Gypsum	
		Fibrous Bound					
Lab Notes: 2% Chrysotile in Mud, <1% Overall							
14C-8311	Sheetrock/Mud	Heterogeneous	15%	Cellulose	5%	Calc Carb	<1% Chrysotile
B146859		White, Tan			80%	Gypsum	
		Fibrous Bound					
Lab Notes: 2% Chrysotile in Mud, <1% Overall							
15A-8311	Ceramic Tile	Heterogeneous			50%	Silicates	None Detected
Layer 1		Tan, Red			50%	Binder	
B146860		Non-fibrous Tightly Bound					
Layer 2	Grout	Heterogeneous	2%	Cellulose	50%	Silicates	None Detected
B146860		Gray			48%	Binder	
		Fibrous Bound					
16A-8311	Cementitious Material	Heterogeneous	2%	Cellulose	50%	Silicates	None Detected
B146861		Tan			48%	Binder	
		Fibrous Bound					
17A-8311	Tile	Heterogeneous	2%	Cellulose	50%	Vinyl	None Detected
B146862A		Off-white, Gold			48%	Binder	
		Fibrous Bound					



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ASBESTOS BULK ANALYSIS

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Project: WDOT; 16-400-037

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
B146862B	Mastic	Heterogeneous Yellow, Clear Fibrous Bound	5%	Cellulose	95%	Mastic	None Detected
18A-8311 Layer 1 B146863	Sheet Vinyl	Heterogeneous Gray, Black Fibrous Bound	45%	Cellulose	45%	Vinyl 5% Tar 5% Mastic	None Detected
Layer 2 B146863	Wood	Heterogeneous Tan Fibrous Bound	100%	Cellulose			None Detected
19A-8311 B146864A	Ceramic Tile	Heterogeneous Off-white Non-fibrous Tightly Bound			50% 50%	Silicates Binder	None Detected
B146864B	Mastic	Heterogeneous Yellow, Tan Fibrous Bound	3%	Cellulose	97%	Mastic	None Detected
20A-8311 B146865	Caulking	Heterogeneous White Fibrous Bound	2%	Cellulose	50% 48%	Calc Carb Binder	None Detected
21A-8311 B146866	Putty	Heterogeneous White Fibrous Bound	2%	Cellulose	50% 48%	Calc Carb Binder	None Detected



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ASBESTOS BULK ANALYSIS

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
22A-8311 Layer 1 B146867	Sheet Vinyl	Heterogeneous Tan,Black Fibrous Bound	45%	Cellulose	45%	Vinyl Tar Mastic	None Detected
Layer 2 B146867	Wood	Heterogeneous Tan Fibrous Bound	100%	Cellulose			None Detected
23A-8311 B146868A	Vinyl	Heterogeneous Brown,Black Fibrous Bound	2%	Cellulose	80%	Vinyl Binder	None Detected
B146868B	Mastic	Heterogeneous Yellow,Tan Fibrous Bound	3%	Cellulose	97%	Mastic	None Detected
24A-8311 B146869A	Tile	Heterogeneous White,Black Fibrous Bound	2%	Cellulose	50%	Vinyl Binder	None Detected
B146869B	Mastic	Heterogeneous Clear,Yellow Fibrous Bound	3%	Cellulose	97%	Mastic	None Detected
24B-8311 B146870A	Tile	Heterogeneous White,Black Fibrous Bound	2%	Cellulose	50%	Vinyl Binder	None Detected



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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
B146870B	Mastic	Heterogeneous Clear, Yellow Fibrous Bound	3%	Cellulose	97%	Mastic	None Detected
24C-8311 B146871A	Tile	Heterogeneous White, Black Fibrous Bound	2%	Cellulose	50% 48%	Vinyl Binder	None Detected
B146871B	Mastic	Heterogeneous Clear, Yellow Fibrous Bound	3%	Cellulose	97%	Mastic	None Detected
25A-8311 Layer 1 B146872A	Ceramic Tile	Heterogeneous Off-white Non-fibrous Tightly Bound			50% 50%	Silicates Binder	None Detected
Layer 2 B146872A	Grout	Heterogeneous Gray Fibrous Bound	2%	Cellulose	50% 48%	Silicates Binder	None Detected
B146872B	Mastic	Heterogeneous Tan, Yellow Fibrous Bound	3%	Cellulose	97%	Mastic	None Detected
26A-8311 B146873	Acoustic Tile	Heterogeneous White, Gray Fibrous Bound	50% 10%	Cellulose Fiberglass	35% 5%	Perlite Paint	None Detected



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ASBESTOS BULK ANALYSIS

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Date Reported: 02-24-16

Project: WDOT; 16-400-037

ASBESTOS BULK PLM, EPA 600 METHOD

ASBESTOS SURVEY, EPA 600 METHOD							
Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
27A-8311 B146874	Mastic	Heterogeneous Yellow, Tan Fibrous Bound	3%	Cellulose	97%	Mastic	None Detected
28A-8311 B146875	Sheetrock/Mud	Heterogeneous White, Tan Fibrous Bound	15%	Cellulose	5% 80%	Calc Carb Gypsum	None Detected
29A-8311 B146876	Mastic	Heterogeneous Yellow, Tan Fibrous Bound	3%	Cellulose	97%	Mastic	None Detected
30A-8311 B146877	Cementitious Material	Heterogeneous Gray Fibrous Loose	2%	Cellulose	50% 48%	Silicates Binder	None Detected
31A-8311 B146878	Cementitious Material	Heterogeneous Gray Fibrous Bound	2%	Cellulose	50% 48%	Silicates Binder	None Detected



LEGEND: Non-Anth = Non-Asbestiform Anthophyllite
 Non-Trem = Non-Asbestiform Tremolite
 Calc Carb = Calcium Carbonate

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

LIMIT OF DETECTION: <1% by visual estimation

REGULATORY LIMIT: >1% by weight

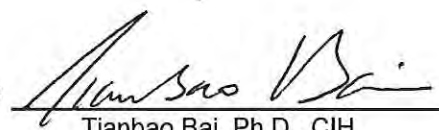
Due to the limitations of the EPA 600 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation.

This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by CEI Labs, Inc. CEI Labs makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

ANALYST:


Ryan Williams

APPROVED BY:


Tianbao Bai, Ph.D., CIH
Laboratory Director





107 New Edition Court, Cary, NC 27511
Tel: 866-481-1412; Fax: 919-481-1442

ASBESTOS CHAIN OF CUSTODY

(49)

LAB USE ONLY:

CEI Lab Code: B161603

CEI Lab I.D. Range: B146830 B146878

COMPANY INFORMATION	PROJECT INFORMATION
CEI CLIENT #:	Job Contact: Dean Jacobson
Company: KPH Environmental Corp.	Email / Tel: 914-647-1530
Address: 1237 W. Bruce St. Milwaukee, WI 53204	Project Name: WDOT
Email: dean.jacobson@kphenvironmental.com	Project ID# 16-400-037
Tel: 914-647-1530 Fax: 914-647-1540	PO #:
	STATE SAMPLES COLLECTED IN: WI

IF TAT IS NOT MARKED STANDARD 3 DAY TAT APPLIES.

ASBESTOS	METHOD	TURN AROUND TIME					
		4 HR	8 HR	24 HR	2 DAY	3 DAY	5 DAY
PLM BULK	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLM POINT COUNT (400)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (1000)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAV w POINT COUNT	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM BULK	CARB 435	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCM AIR	NIOSH 7400	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	EPA AHERA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	NIOSH 7402	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	ISO 10312	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	ASTM 6281-09	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM BULK	CHATFIELD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST WIPE	ASTM D6480-05	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST MICROVAC	ASTM D5755-09	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM SOIL	ASTM D7521-13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM VERMICULITE	CINCINNATI METHOD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

REMARKS / SPECIAL INSTRUCTIONS:

Test Unt. Positive



Accept Samples



Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
	2/16/16 1700	AP	2-17-16 9:20

Samples will be disposed of 30 days after analysis

4 2/18/16 9:44a



ASBESTOS SAMPLING FORM

B16 1603

COMPANY CONTACT INFORMATION	
Company: KPH Environmental Corp.	Job Contact: Dean Jackson
Project Name: WDOT	
Project ID #: 16-400-037	Tel: 414-647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
1A-8311			PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
1B-8311			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
1C-8311			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
2A-8311			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
2B-8311			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
2C-8311			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
3A-8311			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
3B-8311			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
3C-8311			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
4A-8311			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
4B-8311			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
4C-8311			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
5A-8311			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
5B-8311			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
5C-8311			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
6A-8311			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
6B-8311			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
6C-8311			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
7A-8311			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
7B-8311			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
7C-8311			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
8A-8311			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
9A-8311			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
10A-8311			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
11A-8311			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
12A-8311			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
13A-8311			PLM <input type="checkbox"/>	TEM <input type="checkbox"/>
13B-8311	→ No Sample		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>

Page 1 of 2



ASBESTOS SAMPLING FORM

B161603

COMPANY CONTACT INFORMATION	
Company: <u>KPA Environmental Corp</u>	Job Contact: <u>Dean Jacobson</u>
Project Name: <u>WIDOT</u>	
Project ID #: <u>16-400 037</u>	Tel: <u>414-647-1530</u>

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
			PLM	TEM
13C-8311	← No Sample 4		<input checked="" type="checkbox"/>	<input type="checkbox"/>
14A-8311			<input type="checkbox"/>	<input type="checkbox"/>
14B-8311			<input type="checkbox"/>	<input type="checkbox"/>
14C-8311			<input type="checkbox"/>	<input type="checkbox"/>
15A-8311			<input type="checkbox"/>	<input type="checkbox"/>
16A-8311			<input type="checkbox"/>	<input type="checkbox"/>
17A-8311			<input type="checkbox"/>	<input type="checkbox"/>
18A-8311			<input type="checkbox"/>	<input type="checkbox"/>
19A-8311			<input type="checkbox"/>	<input type="checkbox"/>
20A-8311			<input type="checkbox"/>	<input type="checkbox"/>
21A-8311			<input type="checkbox"/>	<input type="checkbox"/>
22A-8311			<input type="checkbox"/>	<input type="checkbox"/>
23A-8311			<input type="checkbox"/>	<input type="checkbox"/>
24A-8311			<input type="checkbox"/>	<input type="checkbox"/>
24B-8311			<input type="checkbox"/>	<input type="checkbox"/>
24C-8311			<input type="checkbox"/>	<input type="checkbox"/>
25A-8311			<input type="checkbox"/>	<input type="checkbox"/>
26A-8311			<input type="checkbox"/>	<input type="checkbox"/>
27A-8311			<input type="checkbox"/>	<input type="checkbox"/>
28A-8311			<input type="checkbox"/>	<input type="checkbox"/>
29A-8311			<input type="checkbox"/>	<input type="checkbox"/>
30A-8311			<input type="checkbox"/>	<input type="checkbox"/>
31A-8311			<input checked="" type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

Page 2 of 2



ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: KPH Environmental Corp
1237 W Bruce St
Milwaukee, WI 53204

CEI Lab Code: B16-1603.1
Date Received: 02-24-16
Date Analyzed: 02-25-16
Date Reported: 02-26-16

Project: WDOT; 16-400-037

ASBESTOS POINT COUNT PLM, EPA 600 METHOD

Client ID	Lab ID	Material Description	POINTS		ASBESTOS	
			Total	Asbestos	%	
14A-8311	B146857	Joint Compound	400	5	1.3%	Chrysotile
	B146857	Drywall/Joint Compound			0.07%	Chrysotile
Lab Notes: Joint compound is 5% of sample: (5)(0.013) = 0.07%						
14B-8311	B146858	Joint Compound	400	5	1.3%	Chrysotile
	B146858	Drywall/Joint Compound			0.03%	Chrysotile
Lab Notes: Joint compound is 2% of sample: (2)(0.013) = 0.03%						
14C-8311	B146859	Joint Compound	400	8	2.0%	Chrysotile
	B146859	Drywall/Joint Compound			0.10%	Chrysotile
Lab Notes: Joint compound is 5% of sample: (5)(0.02) = 0.10%						



LEGEND: None

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

LIMIT OF DETECTION: 0.25% by 400 points or 0.1% by 1,000 points

REGULATORY LIMIT: >1% by weight

This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by CEI Labs, Inc. CEI Labs makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

ANALYST: Sarah Talley
Sarah Talley

APPROVED BY: Tianbao Bai
Tianbao Bai, Ph.D., CIH
Laboratory Director





107 New Edition Court, Cary, NC 27511
Tel: 866-481-1412; Fax: 919-481-1442

ASBESTOS CHAIN OF CUSTODY

LAB USE ONLY:

CEI Lab Code:

CEI Lab I.D. Range:

COMPANY INFORMATION	PROJECT INFORMATION
CEI CLIENT #:	Job Contact: <i>Dean Jacobsen</i>
Company: <i>KPH Environmental Corp.</i>	Email / Tel: <i>414-647-1630</i>
Address: <i>1237 W. Bruce St.</i>	Project Name: <i>WDOT</i>
<i>Milwaukee, WI 53204</i>	Project ID# <i>16-400-037</i>
Email: <i>dean.jacobsen@kphenvironmental.com</i>	PO #:
Tel: <i>414-647-1550</i> Fax: <i>414-647-1540</i>	STATE SAMPLES COLLECTED IN: <i>WI</i>

IF TAT IS NOT MARKED STANDARD 3 DAY TAT APPLIES.

ASBESTOS	METHOD	TURN AROUND TIME					
		4 HR	8 HR	24 HR	2 DAY	3 DAY	5 DAY
PLM BULK	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (400)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (1000)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAV w POINT COUNT	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM BULK	CARB 435	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCM AIR	NIOSH 7400	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	EPA AHERA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	NIOSH 7402	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	ISO 10312	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	ASTM 6281-09	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM BULK	CHATFIELD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST WIPE	ASTM D6480-05	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST MICROVAC	ASTM D5755-09	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM SOIL	ASTM D7521-13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM VERMICULITE	CINCINNATI METHOD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

REMARKS / SPECIAL INSTRUCTIONS:

B16-1603

☐ Accept Samples
☐ Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
<i>Dean Jacobsen</i>	<i>2/24/16 1545</i>		

Samples will be disposed of 30 days after analysis



Company: KPH Environmental Corp.	Job Contact: Dean Jacobsen
Project Name: WDOT	
Project ID #: 16-400-037	Tel: 414-647-1530

[illegible]Page 1 of 1

B. KPH CERTIFICATION

Company Certificate

This certifies that

KPH ENVIRONMENTAL CORPORATION

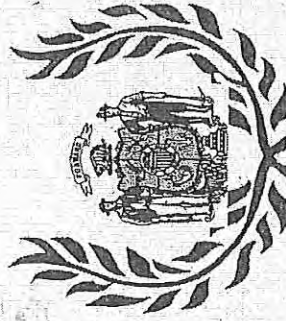
1237 W BRUCE ST
MILWAUKEE WI 53204-1218

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

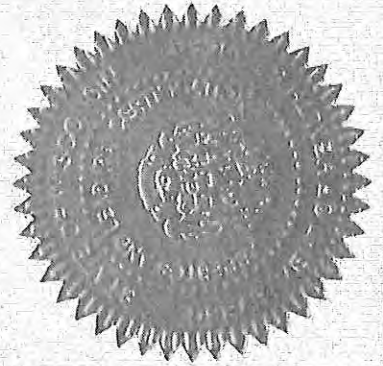
Asbestos Company - Primary

Certificate Issue Date: 06/11/2014
Expiration Date: 09/10/2016, 12:01 a.m.
Certification #: CAP-1432180

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
Shelley A Bruce,
Unit Supervisor



Scott Walker
Governor

Kitty Rhoades
Secretary



State of Wisconsin
Department of Health Services

DIVISION OF PUBLIC HEALTH

1 WEST WILSON STREET

P O BOX 2659
MADISON WI 53701-2659

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

November 6, 2015

DEAN T JACOBSEN
W131S6781 KIPLING DR
MUSKEGO WI 53150-3401

ID# AII-14370

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

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

Renewing Your Certification

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

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

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

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

Certified Company Affiliation

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


To Update Information and Apply Online

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

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

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

COPY

		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: 12/01/2016	12/12/1963	Male

Exhibits

ID 1228-16-21 – Parcel 1

Removal, Grading, Backfill

Location Map

Floor Plans – Site Diagram

Additional Information

Photos

Asbestos Inspection and Abatement Report

REMOVE: 2,812 SF two-story, single family residence with a 1,261 SF basement and an attached 2 car garage. Poured concrete footings & poured concrete/CMU foundation walls and a concrete block stucco exterior. Interior walls are painted and textured plaster/gypsum wall board and wood panel. Roof is wood shake. Concrete/asphalt paving areas, concrete access walks, slabs and steps if applicable. Municipal sewer and private well. *Note 1:* Retaining wall around driveway to be removed. *Note 2:* 430 SF storage shed to be removed.

GRADING: As directed by the State Department of Transportation inspector. Reference Special Provisions - Article 2 – Item #5. *Note:* Final grade, finish to include full site restoration to any areas disturbed by removal with application of topsoil, seed, and mulch

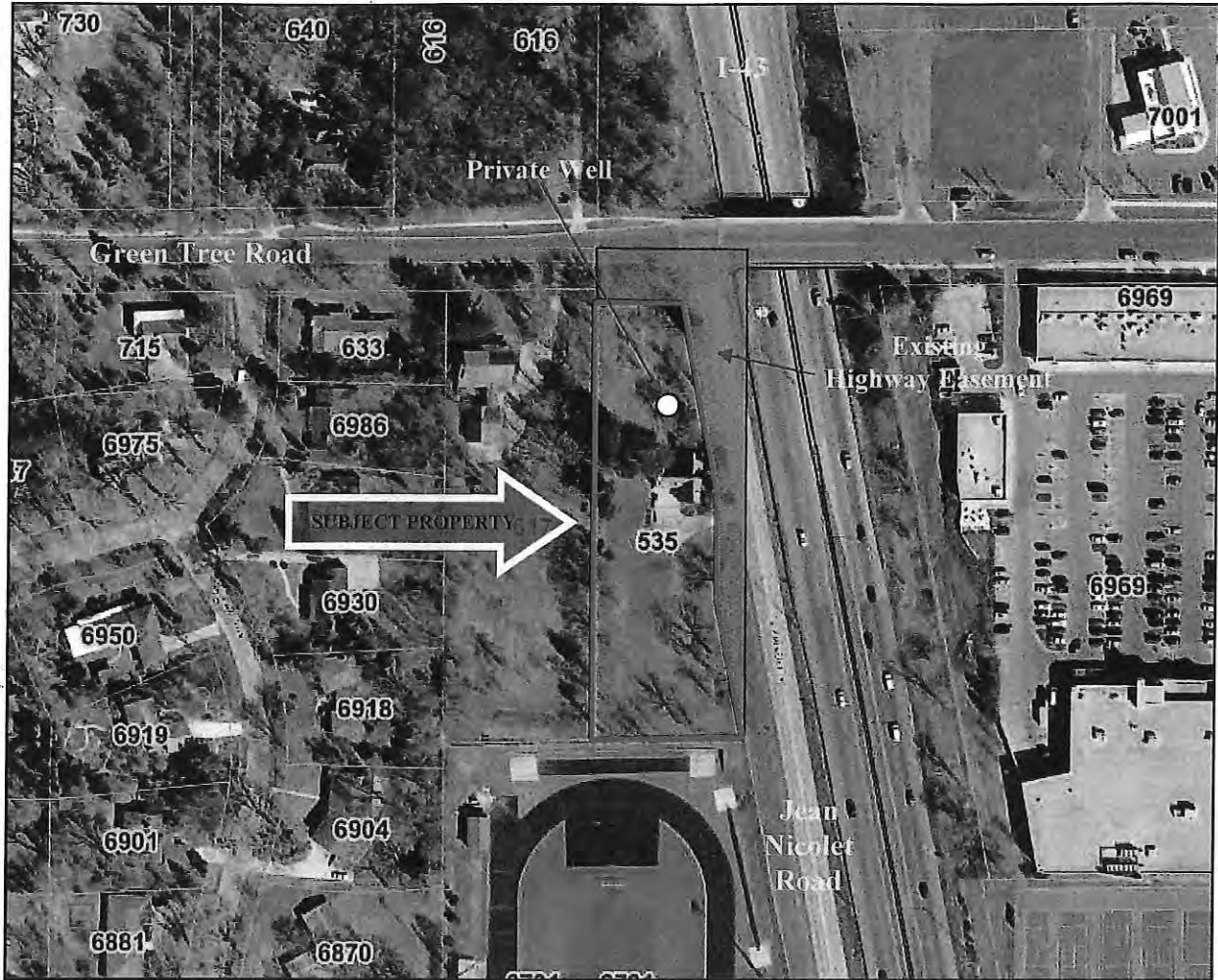
Floor Plan/Site Diagram – Following Page(s)

BACKFILL: Reference Special Provisions Article 21 and the *Special Requirements* under Article 2- Scope of Work, of these special Provisions. Well - Concrete or Other Material Acceptable to Wisconsin Department of Natural Resources.

AREA MAP

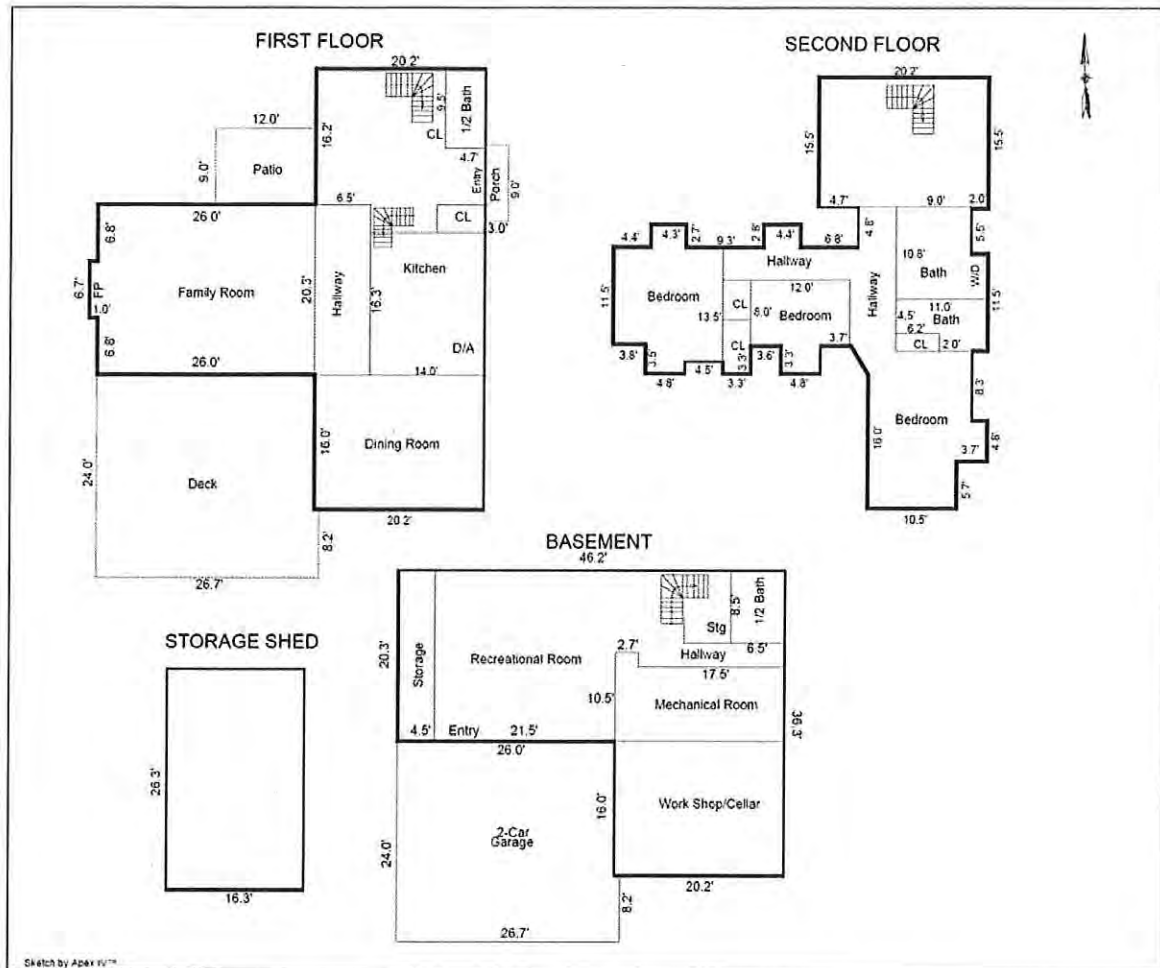


AERIAL OF SUBJECT



SITE DESCRIPTIVE SUMMARY

The subject site is located in the southeastern corner of the Village of River Hills. Specifically, it is located at the southwest corner of Green Tree Road and Jean Nicolet Road. It includes a common street address of 535 W. Green Tree Road and can be further identified as Milwaukee County tax key number 128-9999-000.



Comments:

AREA CALCULATIONS SUMMARY			
Code	Description	Size	Net Totals
GLA1	First Floor	1595.00	2811.88
	Second Floor	1216.88	
BSMT	Basement	1261.06	1261.06
P/P	Deck	631.08	766.08
	Patio	108.00	
	Covered Porch	27.00	
GAR	Garage	631.08	631.08
OTH	Storage Shed	430.11	430.11
TOTAL LIVABLE (rounded)			2812

LIVING AREA BREAKDOWN		
Breakdown		Subtotals
First Floor		
1.0 x	6.7	6.70
20.3 x	26.0	527.80
20.2 x	52.5	1060.50
Second Floor		
0.1 x	18.0	1.80
2.7 x	4.4	11.88
2.7 x	4.3	11.61
3.3 x	4.8	15.84
0.5 x	0.0	0.36
4.8 x	14.2	68.16
5.7 x	10.5	59.85
12.4 x	14.3	177.32
0.5 x	3.3	3.37
3.3 x	14.3	47.07
11.0 x	14.1	154.82
9.3 x	12.8	118.71
5.5 x	12.4	68.20
1.5 x	4.8	7.20
1.8 x	11.5	20.70
5 unlisted calculations		450.00
23 Calculations Total (rounded)		2812

The surrounding property uses are considered generally compatible to those uses allowed in the R-2 zoning district. Surrounding land uses include single-family dwellings, retail development and professional offices, as well as Nicolet High School. Overall, the subject site is typical of other similarly zoned sites in the Village of River Hills and it appears to have adequate overall functional and economic utility.

IMPROVEMENT DESCRIPTIVE SUMMARY

The subject of this appraisal is a two-story single-family dwelling with an attached two-car garage. It also includes a partial basement. Although formerly rented, the dwelling is currently vacant. The improvement is a good quality class "C" structure. The following is a description of the pertinent physical data concerning the subject property. Details are intentionally brief and intended for guidance in valuation issues only.

BUILDING STYLE:	Tudor
STORIES:	Two w/Partial Basement
GROSS LIVING AREA:	First Floor 1,595 SF Second Floor <u>1,217 SF</u> GLA 2,812 SF
BELOW GRADE AREA:	1,261 SF (Includes 491 SF Recreational Room)
LAYOUT:	<u>1st Floor</u> – Vestibule, Kitchen w/Dining Area, Dining Room, Family Room & ½ Bathroom <u>2nd Floor</u> – 3 Bedrooms & 2 Full Bathrooms <u>Basement</u> – Recreational Room, ½ Bathroom, Mechanical Room, Work Shop/Cellar & 2 Storage Rooms
FOUNDATION:	Poured Concrete Footings & Poured Concrete/CMU Foundation Walls
EXTERIOR WALLS:	Concrete Block Stucco
ROOF:	Wood Shake
WINDOWS:	Casement & Fixed
FLOORS:	Hardwood, Marble, Ceramic Tile, Carpet, Sheet Vinyl & Vinyl Tile
INTERIOR WALLS:	Painted and Textured Plaster/Gypsum Wallboard & Wood Panel
CEILINGS:	Painted and Textured Plaster & Acoustical Tile
INTERIOR DOORS:	Solid & Hollow Core Wood
LIGHTING:	Various Incandescent & Fluorescent Light Fixtures
ELECTRICAL:	200 Amp Electrical Service
PLUMBING:	Sanitary Wasteline, Cold Water Supply, Natural Gas Lines, Two 3-Fixture Bathrooms, Two 2-Fixture Bathrooms, Washer/Dryer Hook-ups, Dual Basin Kitchen Sink, 50-Gallon Gas Hot Water Heater & Hose Bibs
HEATING SYSTEM:	Forced Warm Air
COOLING SYSTEM:	Central Air Conditioning
BUILT-IN APPLIANCES:	Refrigerator, Dishwasher, Hood & Garbage Disposal

OTHER IMPROVEMENTS: Wet Bar, Fireplace, Built-in Dinette Table, Built-in Dressers, Built-in Cabinetry/Shelving, Security System, Water Softener, Utility Tub, Entry Porch, Finished Attached 2-Car Garage w/Wall Heater, Compressed Air Lines, Deck, Concrete Patio, Shutters, Rain Gutters/Downspouts & Exterior Electrical Outlets

Supporting site improvements include a 430 square foot storage shed, private well, outdoor fireplace, asphalt-paved driveway, concrete sidewalks and lannon stone flower beds, as well as grass, bush and tree landscaping throughout. Overall, the subject site improvements are considered to be slightly inferior to that of similarly aged and quality dwellings in the River Hills market area.

The subject dwelling is adequately designed for its use. Although there is a narrow stairwell between the basement and first floor, it is functional in design. The rooms are of average size. It includes good quality build-out and typical amenities. The site includes adequate on-site parking. Overall, the subject dwelling and site improvements are considered to be adequately planned and are of average utility.

The subject property has been adequately maintained and is considered to be in above average condition. It was constructed in 1924. Based upon my analysis, it is considered to have an effective age at approximately 30 years old with a remaining economic life of approximately 30 years.

The reader is referred to the Photographs of Subject and Floor Plan contained in the addenda of this appraisal report for further illustration and description of the subject improvements.

Tax & Assessment Data

The subject is located within the Village of River Hills/Glendale-River Hills School Tax District, which has a current 2015 tax rate of \$24.60047 per \$1,000 of assessed value. The property is identified as Milwaukee County tax key number 128-9999-000 and is currently assessed and taxed as follows:

Tax Key Number	128-9999-000
2015 Assessment	
Land	\$70,000
Improvements	+ \$200,000
Total of Land & Improvements	\$270,000
2015 Assessment Ratio	101.74%
2015 Estimated Fair Market Value	\$265,382
2015 Tax Rate	\$24.60047/\$1,000 of Assessed Valuation*
2015 Real Estate Tax	\$6,887.50**

* Tax rate without first dollar credit or lottery/gaming credit

** Includes a first dollar credit of \$79.40 & a sewer charge of \$324.78



Viewing in a Northeasterly Direction
at Single-Family Dwelling to be Acquired



Viewing in a Southeasterly Direction
at Single-Family Dwelling to be Acquired



View of Kitchen & Dining Area



View of Kitchen



View of Dining Room



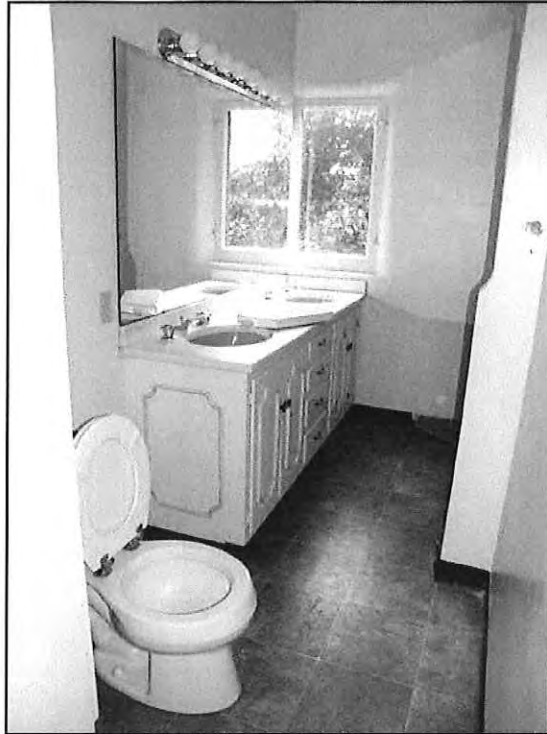
View of Family Room



View of Typical Bedroom



View of Second Floor Bathroom



View of Master Bathroom



View of First Floor 1/2 Bathroom



View of Second Floor Hallway



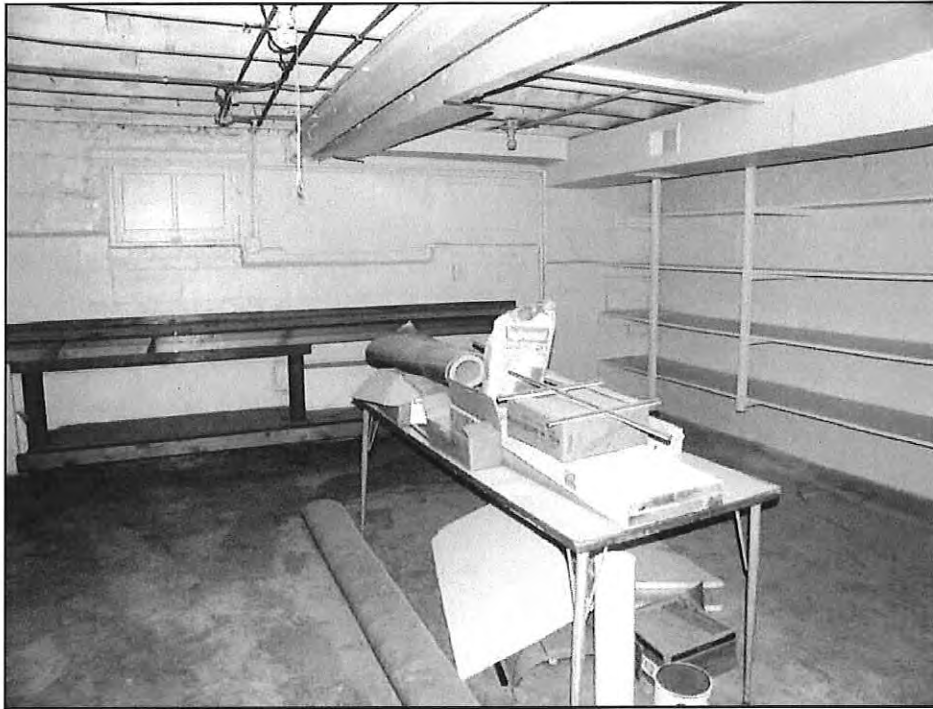
View of Stairwell/Sitting Area



View of Recreational Room



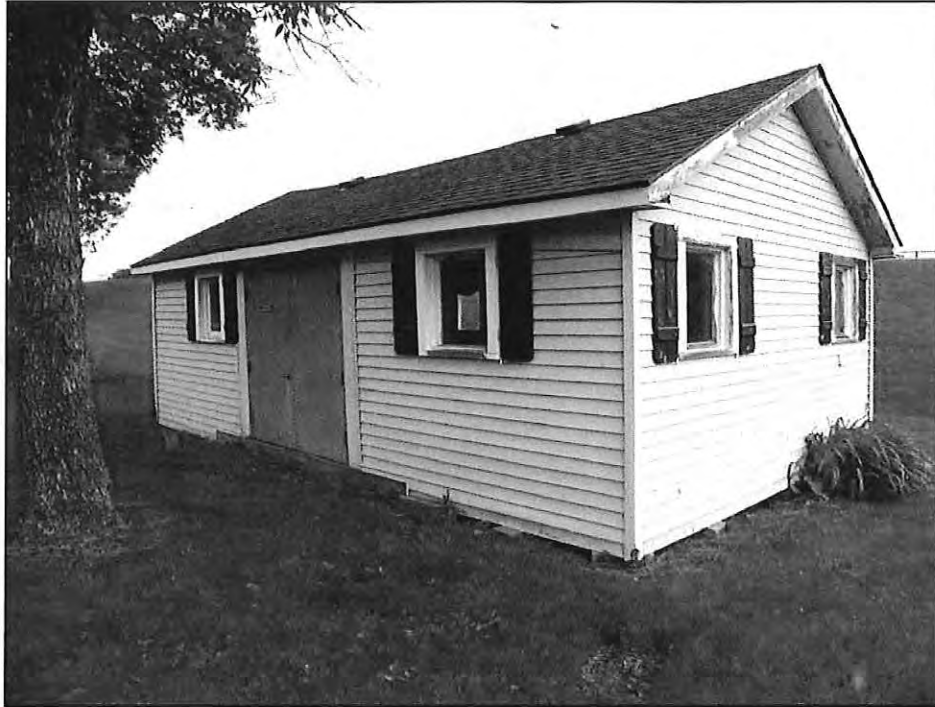
View of Lower Level ½ Bathroom



View of Work Shop/Cellar



Interior View of Attached Two-Car Garage



Viewing in a Northeasterly
Direction at Storage Shed to be Acquired



Interior View of Storage Shed



Environmental Management Consulting, Inc.

**NESHAP'S PRE-DEMOLITION ASBESTOS INSPECTION
535 GREENTREE RD.
RIVER HILLS, WI 53217**

**INSPECTION DATE: JANUARY 8, 2016 & JANUARY 15, 2016
REPORT DATE: MAY 10, 2016
EMC PROJECT NUMBER: 160130-02**

**PREPARED FOR:
NICOLET UNION SCHOOL DISTRICT
ATTENTION: BRIAN REIELS
6701 JEAN NICOLET RD.
GLENDALE, WI 53217**

**PREPARED BY:

MR. ROBERT J. HAVEMAN
ENVIRONMENTAL MANAGEMENT CONSULTING, INC.
W7748 COUNTY HIGHWAY V
LAKE MILLS, WI 53551**

Securing Safer Futures...

W 7748 Cty Hwy V, Lake Mills, WI 53551 ♦ 920.648.6343 Fax: 920.648-4370 ♦ www.emc-wi.com

Project No. 1228-16-21, Parcel No. 1

NESHAP'S ASBESTOS PRE-DEMOLITION INSPECTION
535 GREENTREE RD.
RIVER HILLS, WI 53217

Environmental Management Consulting, Inc. (EMC) was contacted by Mr. Brian Reiels of The Nicolet Union School District to conduct a pre-demolition asbestos inspection at the above mentioned property. This inspection is intended to comply with NESHAPS regulations.

Mr. Robert J. Haveman of EMC inspected the subject property on January 8, 2016 & January 15, 2016. The building was inspected for the presence of asbestos containing building materials. Each homogeneous building material suspected of containing asbestos was sampled or assumed to contain asbestos. All bulk samples that were extracted were submitted to a NVLAP certified laboratory for analysis for the presence of asbestos by Polarized Light Microscopy (PLM). The following is a summary of the findings of this inspection.

FRIABLE ASBESTOS CONTAINING MATERIAL (ACM) / REGULATED ASBESTOS CONTAINING MATERIAL (RACM)

The following is a summary of materials identified by Polarized Light Microscopy, EPA Method: 600/R-93/116, or assumed to contain asbestos that were assessed as friable or would become friable (Regulated Asbestos Containing Material) during the demolition of the building.

LINOLEUM- L1

<u>Room/Location</u>	<u>Quantity</u>	<u>Asbestos Status</u>
Main Level Kitchen	268 Sq Ft	10% Chrysotile

SHEET FLOORING- L2

<u>Room/Location</u>	<u>Quantity</u>	<u>Asbestos Status</u>
Main Level East Entry (Under L1)	90 Sq Ft	2-4% Chrysotile

LINOLEUM- L5

<u>Room/Location</u>	<u>Quantity</u>	<u>Asbestos Status</u>
Upper Level Restroom South	50 Sq Ft	20% Chrysotile

DUCT PAPER/INSULATION

<u>Room/Location</u>	<u>Quantity</u>	<u>Asbestos Status</u>
Furnace Room	1 Sq Ft	40% Chrysotile
Within Inaccessible Walls/Ceilings	Unknown	40% Chrysotile

The above summarized materials must be properly removed from the building and disposed of prior to demolition.

CATEGORY I & CATEGORY II, NON-FRIABLE ACM

The following is a summary of materials identified or assumed to contain asbestos that were assessed as non-friable materials.

PIPE INSULATION (Black Sticky)

<u>Room/Location</u>	<u>Quantity</u>	<u>Asbestos Status</u>
Lower Level Rec Room (Above Ceiling)	2 LF	5% Chrysotile
Within Inaccessible Walls/Ceilings	Unknown	5% Chrysotile

ROOFING MATERIALS

<u>Room/Location</u>	<u>Quantity</u>	<u>Asbestos Status</u>
Exterior	-	Assumed

At the time of inspection, the above stated materials were assessed in a good condition. Non-friable ACM does not have to be removed prior to a normal demolition if it is not in poor condition prior to starting the demolition and is not likely to become friable during demolition activities. The resulting wastes can be handled as demolition material; contact the accepting landfill. If the demolition materials will be recycled, all ACM must be removed prior to the demolition. Furthermore, if the ACM becomes crumbled, pulverized or reduced to powder as a result of demolition practices, all materials must be treated as RACM including those demolition materials co-mingled with the RACM.

If this building is to be burned as a practice fire burn by the fire department, all non-friable ACM would have to be removed prior to burning.

REMAINING NON-FRIABLE MATERIALS

Unless otherwise indicated, all caulking, sealants, glazing compounds, gaskets, asphalt roofing materials, fillers, mastics and miscellaneous adhesives are assumed to contain asbestos and were assessed to be non-friable ACM as defined in NR 447. At the time of this inspection these materials were not in poor condition and were not friable. If work methods cause non-friable ACM to become friable, the materials must be treated as RACM.

MATERIAL CONTAINING $\leq 1\%$ ASBESTOS

The following is a summary of materials that were sampled by Polarized Light Microscopy, EPA Method: 600/R-93/116 and found to contain $\leq 1\%$ asbestos.

PLASTER – P1 (With Stucco Layer)

<u>Room/Location</u>	<u>Quantity</u>	<u>Asbestos Status</u>
Main Level	-	< 1% Chrysotile (Point Count)

These materials (containing $\leq 1\%$ asbestos) are not regulated as asbestos containing material by the Wisconsin Department of Natural Resources. These materials may be disposed of as construction/demolition waste. However, there are still portions of the OSHA standard that apply to these materials. Work practices such as use of wet methods and prompt clean up as well as exposure assessment requirements may still apply. If these materials will be disturbed, employers should be responsible for OSHA compliance.

NON-ASBESTOS MATERIALS

The following is a summary of materials which have been sampled by Polarized Light Microscopy, EPA Method: 600/R-93/116 and found not to contain asbestos.

<u>Material Code</u>	<u>Material Description</u>
P1	Plaster (Smooth) Marble/Grout/Underlayment Carpet Mastic
CER1	Ceramic Tile & Grout (Quarry Red)
DW2	Drywall & Joint Compound
CER3	Ceramic Tile & Grout/Mastic Attic Insulation Roofing Insulation
B1	Base & Mastic
L4	Linoleum
L3	Linoleum
P2	Plaster
P3	Plaster (Skim Coat)
CT1	1 x 1 Ceiling Tile
FT1	Floor Tile & Mastic
B2	Base & Mastic
DW1	Drywall & Joint Compound Window Glaze Skim Coat (Stucco Exterior)
CER4	Ceramic Tile & Grout/Mastic
CER2	Ceramic Tile & Grout Mastic
L5	Linoleum (attics) Electric Wire Insulation

No work is necessary for these materials.

ADDITIONAL REQUIREMENTS

Prior to the demolition or burning of any structure, a "Notification of Demolition and/or Renovation and Application for Exemption" (Form 4500-113) must be submitted to the Wisconsin Department of Natural Resources. Residential property as defined by DNR Chapter 447 may be exempt from notification requirements. If asbestos removal is necessary a copy of the notification must be submitted to the Wisconsin Department of Health and Family Services. The owner/operator is responsible for submitting all notifications.

Removal of any asbestos containing material must be completed by persons certified by the Department of Health and Family Services.

If during the course of demolition, suspect materials are found that have not been identified or sampled, work must stop and a State of Wisconsin certified Asbestos Building Inspector must be contacted to assess the material. There are inaccessible areas within the building that could not be accessed during the inspection, which could result in additional suspect material discovered.

Vermiculite Insulation

At the date of this inspection/report, OSHA and the DNR recognize the PLM method for asbestos testing of vermiculite insulation. Therefore if the vermiculite insulation tests negative for asbestos by PLM, no further actions are necessary.

However, when applicable, the Wisconsin Department of Health Services (DHS) 159 regulations may still apply. These regulations state:

"Vermiculite insulation is assumed to be asbestos-containing material unless proven otherwise in accordance with EPA recommended sampling and analysis protocols specific to vermiculite insulation. As of the publication of this chapter, the EPA has not published official guidance for sampling and testing protocols to test for the presence or absence of asbestos in vermiculite insulation. When recommended protocols are published, vermiculite insulation may be sampled and analyzed using the EPA recommended protocols to determine any asbestos content. Until such time, vermiculite insulation must be assumed to contain asbestos and be treated as an asbestos-containing material under DHS 159."

Exceptions to asbestos certification include an individual who operates a motorized vehicle to demolish or remove a facility when asbestos-containing material is allowed to remain in the building during demolition. All other works in the demolition work site must have certification complying with DHS 159.05. Demolition contractors shall follow all DHS regulations.

All bulk sampling information, including a bulk sample chart and the laboratory results, are attached to this report. Please contact the EMC office if you have any questions.

Inspector: Robert J. Haveman
Certification No. AII-17115

BULK SAMPLE RESULTS

BULK SAMPLE CHART

Sampling Date: 1/8/16 & 1/15/16

Sample Location: 535 Green Tree Rd, River Hills WI

Sampling Personnel: Robert J. Haveman

EMC Project Number: 160130-02

Inspector Number: AII-17115

SAMPLE NUMBER	HOMO CODE	MATERIAL DESCRIPTION	ROOM/ AREA	SPECIFIC SAMPLE LOCATION	LAB RESULTS
NHS-01	P1	PLASTER (stucco look)	MAIN LEVEL DINING ROOM	EAST	<1% CHRYSOTILE point count
NHS-02	P1	PLASTER (stucco look)	MAIN LEVEL GREAT ROOM	SE	<1% CHRYSOTILE point count
NHS-03	P1	PLASTER (stucco look)	MAIN LEVEL WEST ENTRY	WEST @ WINDOW	<1% CHRYSOTILE point count
NHS-04	P1	PLASTER (smooth)	MAIN LEVEL KITCHEN	SOUTH WALL	NONE DETECTED
NHS-05	P1	PLASTER (smooth)	MAIN LEVEL LOWER STAIRS	NORTH WALL	NONE DETECTED
NHS-06	P1	PLASTER (smooth)	UPPER LEVEL RR-NORTH	EAST	NONE DETECTED
NHS-07	P1	PLASTER (smooth)	UPPER LEVEL HALLWAY	@ HALL INTERSECTION	NONE DETECTED
NHS-08	P1	PLASTER (smooth)	UPPER LEVEL BR1-SE	SOUTH	NONE DETECTED
NHS-09	P1	PLASTER (smooth)	UPPER LEVEL BR2-WEST	SW	NONE DETECTED
NHS-10	L1	LINOLEUM	MAIN LEVEL KITCHEN	@ DINING ROOM	10% CHRYSOTILE
NHS-11	L1	LINOLEUM	MAIN LEVEL KITCHEN	@ DINING ROOM	10% CHRYSOTILE
NHS-12	L1	LINOLEUM	MAIN LEVEL KITCHEN	@ FRIDGE	10% CHRYSOTILE
NHS-13		MARBLE/GROUT/ UNDERLAY	MAIN LEVEL GREAT ROOM	NORTH	NONE DETECTED
NHS-14		MARBLE/GROUT/ UNDERLAY	MAIN LEVEL GREAT ROOM	NORTH	NONE DETECTED
NHS-15		MARBLE/GROUT/ UNDERLAY	MAIN LEVEL HALLWAY	EAST	NONE DETECTED
NHS-16		CARPET MASTIC/SKIM	MAIN LEVEL WEST ENTRY	@ THRESHOLD	NONE DETECTED
NHS-17		CARPET MASTIC/SKIM	MAIN LEVEL WEST ENTRY	@ THRESHOLD	NONE DETECTED
NHS-18	CER1	CERAMIC TILE & GROUT	MAIN LEVEL KITCHEN	@ DINING ROOM	NONE DETECTED
NHS-19	CER1	CERAMIC TILE & GROUT	MAIN LEVEL EAST ENTRY	@ RR	NONE DETECTED
NHS-20	CER1	CERAMIC TILE & GROUT	UPPER LEVEL STAIRWELL	@ STAIRS	NONE DETECTED
NHS-21	L2	SHEET FLOORING	MAIN LEVEL EAST ENTRY	@ THRESHOLD	TILE-2% CHRYSOTILE MASTIC-4% CHRYSOTILE
NHS-22	L2	SHEET FLOORING	MAIN LEVEL EAST ENTRY	@ THRESHOLD	TILE-2% CHRYSOTILE MASTIC-4% CHRYSOTILE
NHS-23	L2	SHEET FLOORING	MAIN LEVEL EAST ENTRY	@ RR	TILE-2% CHRYSOTILE MASTIC-4% CHRYSOTILE
NHS-24	DW2	DRYWALL & JOINT COMPOUND	MAIN LEVEL KITCHEN	SOFFIT	NONE DETECTED
NHS-25	DW2	DRYWALL & JOINT COMPOUND	UPPER LEVEL RR-SOUTH	SOUTH	NONE DETECTED



Environmental Management Consulting, Inc.

W7748 County Highway V, Lake Mills, WI ■ Phone: 920.648.6343 Fax: 920.648.4370 ■ www.emc-wi.com

Project No. 1228-16-21, Parcel No. 1

BULK SAMPLE CHART

Sampling Date: 1/8/16 & 1/15/16

Sample Location: 535 Green Tree Rd, River Hills WI

Sampling Personnel: Robert J. Haveman

EMC Project Number: 160130-02

Inspector Number: AII-17115

SAMPLE NUMBER	HOMO CODE	MATERIAL DESCRIPTION	ROOM/ AREA	SPECIFIC SAMPLE LOCATION	LAB RESULTS
NHS-26	DW2	DRYWALL (no JC)	LOWER LEVEL RR	SOUTH	NONE DETECTED
NHS-27	CER3	CERAMIC TILE & GROUT & MASTIC	UPPER LEVEL RR-NORTH	EAST	NONE DETECTED
NHS-28	CER3	CERAMIC TILE & GROUT & MASTIC	UPPER LEVEL RR-NORTH	EAST	NONE DETECTED
NHS-29	L5	LINOLEUM	UPPER LEVEL RR-SOUTH	@ DOOR	20 % CHRYSOTILE
NHS-30	L5	LINOLEUM	UPPER LEVEL RR-SOUTH	@ DOOR	20% CHRYSOTILE
NHS-31		ATTIC INSULATION	UPPER LEVEL BR1-SE	ATTIC SPACE	NONE DETECTED
NHS-32		ATTIC INSULATION	UPPER LEVEL BR1-SE	CLOSET SPACE	NONE DETECTED
NHS-33		ATTIC INSULATION	UPPER LEVEL HALLWAY	ATTIC SPACE-NW	NONE DETECTED
NHS-34	CER2	CERAMIC TILE & GROUT & MASTIC	UPPER LEVEL RR-NORTH	@ SHOWER	NONE DETECTED
NHS-35	CER2	CERAMIC TILE & GROUT & MASTIC	UPPER LEVEL RR-NORTH	@ SHOWER	NONE DETECTED
NHS-36		ROOFING INSULATION	UPPER LEVEL BR1-ATTIC	ATTIC WALLS	NONE DETECTED
NHS-37		ROOFING INSULATION	UPPER LEVEL HALL ATTIC	ATTIC WALLS	NONE DETECTED
NHS-38		ROOFING INSULATION	UPPER LEVEL HALL ATTIC	ATTIC WALLS	NONE DETECTED
NHS-39	B1	BASE & MASTIC	UPPER LEVEL RR-SOUTH	SOUTH	NONE DETECTED
NHS-40	B1	BASE & MASTIC	UPPER LEVEL RR-SOUTH	EAST	NONE DETECTED
NHS-41	L4	LINOLEUM	UPPER LEVEL BR3-SOUTH	CLOSET	NONE DETECTED
NHS-42	L4	LINOLEUM	UPPER LEVEL BR3-SOUTH	CLOSET	NONE DETECTED
NHS-43	L3	LINOLEUM	UPPER LEVEL BR2-WEST	CLOSET	NONE DETECTED
NHS-44	L3	LINOLEUM	UPPER LEVEL HALL ATTIC	FLOOR	NONE DETECTED
NHS-45	P2	PLASTER	MAIN LEVEL KITCHEN	CEILING SOFFIT	NONE DETECTED
NHS-46	P2	PLASTER	UPPER LEVEL STAIRWELL	@ FLOOR	NONE DETECTED
NHS-47	P2	PLASTER	UPPER LEVEL STAIRWELL	@ FLOOR	NONE DETECTED
NHS-48	P3	PLASTER (skimcoat)	UPPER LEVEL BR2-WEST	WEST	NONE DETECTED
NHS-49	P3	PLASTER (skimcoat)	UPPER LEVEL BR2-WEST	WEST	NONE DETECTED
NHS-50	P3	PLASTER (skimcoat)	UPPER LEVEL BR2-WEST	WEST	NONE DETECTED



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Project No. 1228-16-21, Parcel No. 1

BULK SAMPLE CHART

Sampling Date: 1/8/16 & 1/15/16
 Sample Location: 535 Green Tree Rd, River Hills WI
 Sampling Personnel: Robert J. Haveman

EMC Project Number: 160130-02
 Inspector Number: AII-17115

SAMPLE NUMBER	HOMO CODE	MATERIAL DESCRIPTION	ROOM/ AREA	SPECIFIC SAMPLE LOCATION	LAB RESULTS
NHS-51	CT1	1 X 1 CEILING TILE	LOWER LEVEL RR	CEILING	NONE DETECTED
NHS-52	CT1	1 X 1 CEILING TILE	LOWER LEVEL REC ROOM	NEAR STAIRS	NONE DETECTED
NHS-53	CT1	1 X 1 CEILING TILE	LOWER LEVEL REC ROOM	WEST	NONE DETECTED
NHS-54	FT1	FLOOR TILE & MASTIC	LOWER LEVEL HALL	@ RR	NONE DETECTED
NHS-55	FT1	FLOOR TILE & MASTIC	LOWER LEVEL REC ROOM	NEAR STAIRS	NONE DETECTED
NHS-56	FT1	FLOOR TILE & MASTIC	LOWER LEVEL REC ROOM	NEAR GARAGE	NONE DETECTED
NHS-57	B2	BASE & MASTIC	LOWER LEVEL REC ROOM	NEAR GARAGE	NONE DETECTED
NHS-58	B2	BASE & MASTIC	LOWER LEVEL HALL	@ RR	NONE DETECTED
NHS-59		DUCT PAPER/INSULATION	LOWER LEVEL FURNACE RM	@ REC RM DOOR	40% CHRYSOTILE
NHS-60		DUCT PAPER/INSULATION	LOWER LEVEL FURNACE RM	@ REC RM DOOR	40% CHRYSOTILE
NHS-61	DW1	DRYWALL & JOINT COMPOUND	GARAGE	CEILING	NONE DETECTED
NHS-62	DW1	DRYWALL & JOINT COMPOUND	GARAGE	CEILING	NONE DETECTED
NHS-63	DW1	DRYWALL & JOINT COMPOUND	GARAGE	CEILING	NONE DETECTED
NHS-64		PIPE INSULATION (black sticky)	LOWER LEVEL REC ROOM	NEAR STAIRS	5% CHRYSOTILE
NHS-65		PIPE INSULATION (black sticky)	LOWER LEVEL RR	CEILING	5% CHRYSOTILE
NHS-66		PIPE INSULATION (black sticky)	LOWER LEVEL FURNACE RM	NEAR REC RM DOOR	5% CHRYSOTILE
NHS-67		WINDOW GLAZE	EXTERIOR	WEST	NONE DETECTED
NHS-68		WINDOW GLAZE	EXTERIOR	NE	NONE DETECTED
NHS-69		WINDOW GLAZE	EXTERIOR	NW	NONE DETECTED
NHS-70		SKIMCOAT (STUCCO)	EXTERIOR	NE	NONE DETECTED
NHS-71		SKIMCOAT (STUCCO)	EXTERIOR	EAST	NONE DETECTED
NHS-72		SKIMCOAT (STUCCO)	EXTERIOR	NORTH	NONE DETECTED
NHS-73		SKIMCOAT (STUCCO)	EXTERIOR	NW	NONE DETECTED
NHS-74		SKIMCOAT (STUCCO)	EXTERIOR	WEST	NONE DETECTED
NHS-75		SKIMCOAT (STUCCO)	EXTERIOR	SOUTH	NONE DETECTED



BULK SAMPLE CHART

Sampling Date: 1/8/16 & 1/15/16

Sample Location: 535 Green Tree Rd, River Hills WI

Sampling Personnel: Robert J. Haveman

EMC Project Number: 160130-02

Inspector Number: AII-17115

SAMPLE NUMBER	HOMO CODE	MATERIAL DESCRIPTION	ROOM/ AREA	SPECIFIC SAMPLE LOCATION	LAB RESULTS
NHS-76	CER4	CERAMIC TILE & GROUT	UPPER LEVEL RR SOUTH	@ SHOWER	NONE DETECTED
NHS-77	CER4	CERAMIC TILE & GROUT	UPPER LEVEL RR SOUTH	@ SHOWER	NONE DETECTED
NHS-78	L5	LINOLEUM	UPPER LEVEL BR1-SE	ATTIC FLOOR	NONE DETECTED
NHS-79	L5	LINOLEUM	UPPER LEVEL BR1-SE	ATTIC FLOOR	NONE DETECTED
NHS-80		ELECTRICAL INSULATION	LOWER LEVEL REC ROOM	NEAR STAIRS	NONE DETECTED
NHS-81		ELECTRICAL INSULATION	LOWER LEVEL REC ROOM	NEAR STAIRS	NONE DETECTED



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Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



NVLAP
NVLAP Lab Code: 200564-0

Customer: Environmental Management Consulting
W7748 Cnty Hwy V
Lake Mills WI 53551
Project: Nicolet UHS 160130-02

Attn: Rob Haveman

Lab Order ID: 1601095
Analysis ID: 1601095_PLM
Date Received: 1/20/2016
Date Reported: 1/26/2016

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
NHS-01 - A	Plaster	2% Chrysotile		98% Other	Tan Non Fibrous Heterogeneous
1601095PLM_1	tan layer				Crushed
NHS-01 - B	Plaster	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1601095PLM_82	gray layer				Crushed
NHS-02 - A	Plaster	2% Chrysotile		98% Other	Tan Non Fibrous Heterogeneous
1601095PLM_2	tan layer				Crushed
NHS-02 - B	Plaster	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1601095PLM_83	gray layer				Crushed
NHS-03 - A	Plaster	2% Chrysotile		98% Other	Tan Non Fibrous Heterogeneous
1601095PLM_3	tan layer				Crushed
NHS-03 - B	Plaster	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1601095PLM_84	gray layer				Crushed
NHS-04 - A	Plaster	None Detected		100% Other	White Non Fibrous Heterogeneous
1601095PLM_4	joint compound				Crushed
NHS-04 - B	Plaster	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1601095PLM_85	base				Crushed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Christopher Subudhi (154)

Analyst

Approved Signatory

P-F-002 r15 1/15/2018

Scientific Analytical Institute, Inc. 4604 Dundas Dr, Greensboro, NC 27407 (336) 292-3888

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Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



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Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
NHS-05 - A	Plaster	None Detected	90% Cellulose	10% Other	White, Yellow Non Fibrous Heterogeneous
1601095PLM_5	mastic/paper				Ashed
NHS-05 - B	Plaster	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1601095PLM_86	base				Crushed
NHS-06 - A	Plaster	None Detected		100% Other	White Non Fibrous Heterogeneous
1601095PLM_6	joint compound				Crushed
NHS-06 - B	Plaster	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1601095PLM_87	base				Crushed
NHS-07 - A	Plaster	None Detected	10% Cellulose	90% Other	White, Gray Non Fibrous Heterogeneous
1601095PLM_7	joint compound/texture				Crushed
NHS-07 - B	Plaster	None Detected		100% Other	Brown Non Fibrous Heterogeneous
1601095PLM_88	brown layer				Crushed
NHS-07 - C	Plaster	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1601095PLM_89	gray layer				Crushed
NHS-08 - A	Plaster	None Detected		100% Other	White, Gray Non Fibrous Heterogeneous
1601095PLM_8	joint compound				Crushed

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Bulk Asbestos Analysis

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



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Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
NHS-08 - B	Plaster	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1601095PLM_90	base				Crushed
NHS-09 - A	Plaster	None Detected		100% Other	White Non Fibrous Heterogeneous
1601095PLM_9	joint compound				Crushed
NHS-09 - B	Plaster	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1601095PLM_91	base				Crushed
NHS-10 - A	Linoleum	None Detected	40% Cellulose	60% Other	Green, Yellow, Brown Non Fibrous
1601095PLM_10	vinyl sheet flooring 1				Ashed
NHS-10 - B	Linoleum	None Detected		100% Other	Yellow, Gray Non Fibrous Heterogeneous
1601095PLM_92	mastic/linoleum				Dissolved
NHS-10 - C	Linoleum	10% Chrysotile	30% Cellulose	60% Other	White, Yellow, Gray Non Fibrous
1601095PLM_93	vinyl sheet flooring 2/mastic inseparable				Crushed
NHS-11 - A	Linoleum	None Detected	40% Cellulose	60% Other	Green, Yellow, Brown Non Fibrous
1601095PLM_11	vinyl sheet flooring 1				Ashed
NHS-11 - B	Linoleum	None Detected		100% Other	Gray, Yellow Non Fibrous Heterogeneous
1601095PLM_94	mastic/linoleum				Dissolved

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Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



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NVLAP Lab Code: 200564-0

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Attn: Rob Haveman

Lab Order ID: 1601095
Analysis ID: 1601095_PLM
Date Received: 1/20/2016
Date Reported: 1/26/2016

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
NHS-11 - C	Linoleum	10% Chrysotile	30% Cellulose	60% Other	White, Gray, Yellow Non Fibrous
1601095PLM_95	vinyl sheet flooring 2/mastic inseparable				Crushed
NHS-12 - A	Linoleum	None Detected	40% Cellulose	60% Other	Green, Yellow, Brown Non Fibrous
1601095PLM_12	vinyl sheet flooring 1				Crushed
NHS-12 - B	Linoleum	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
1601095PLM_96	mastic				Dissolved
NHS-12 - C	Linoleum	10% Chrysotile	30% Cellulose	60% Other	White, Gray, Yellow Non Fibrous
1601095PLM_97	vinyl sheet flooring 1 mastic/leveling compound inse				Crushed
NHS-13 - A	Marble/grout/underlay	None Detected		100% Other	White, Gray Non Fibrous Heterogeneous
1601095PLM_13	marble				Crushed
NHS-13 - B	Marble/grout/underlay	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1601095PLM_98	grout				Crushed
NHS-13 - C	Marble/grout/underlay	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1601095PLM_99	under lay				Crushed
NHS-14 - A	Marble/grout/underlay	None Detected		100% Other	White, Gray Non Fibrous Heterogeneous
1601095PLM_14	marble				Crushed

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Christopher Subudhi (154)

Analyst

Approved Signatory

P-F-002.r15 1/15/2018

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Project No. 1228-16-21, Parcel No. 1



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



NVLAP
NVLAP Lab Code: 200664-0

Customer: Environmental Management Consulting
W7748 Cnty Hwy V
Lake Mills WI 53551
Project: Nicolet UHS 160130-02

Attn: Rob Haveman

Lab Order ID: 1601095
Analysis ID: 1601095_PLM
Date Received: 1/20/2016
Date Reported: 1/26/2016

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
NHS-14 - B	Marble/grout/underlay	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1601095PLM_100	grout				Crushed
NHS-14 - C	Marble/grout/underlay	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1601095PLM_101	under lay				Crushed
NHS-15 - A	Marble/grout/underlay	None Detected		100% Other	Gray, White Non Fibrous Heterogeneous
1601095PLM_15	marble				Crushed
NHS-15 - B	Marble/grout/underlay	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1601095PLM_102	grout				Crushed
NHS-15 - C	Marble/grout/underlay	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1601095PLM_103	under lay				Crushed
NHS-16 - A	Carpet mastic/skim	None Detected	10% Cellulose	90% Other	Gray Non Fibrous Heterogeneous
1601095PLM_16	leveling compound				Crushed
NHS-16 - B	Carpet mastic/skim	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
1601095PLM_104	mastic				Crushed
NHS-17 - A	Carpet mastic/skim	None Detected	10% Cellulose	90% Other	Gray Non Fibrous Heterogeneous
1601095PLM_17	leveling compound				Crushed

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Analysis ID: 1601095_PLM
Date Received: 1/20/2016
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Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
NHS-17 - B	Carpet mastic/skim	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
1601095PLM_105	mastic				Dissolved
NHS-18 - A	Ceramic tile & grout	None Detected		100% Other	Red Non Fibrous Heterogeneous
1601095PLM_18	ceramic tile				Crushed
NHS-18 - B	Ceramic tile & grout	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1601095PLM_106	grout				Crushed
NHS-19 - A	Ceramic tile & grout	None Detected		100% Other	Red Non Fibrous Heterogeneous
1601095PLM_19	ceramic tile				Crushed
NHS-19 - B	Ceramic tile & grout	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1601095PLM_107	grout				Crushed
NHS-20 - A	Ceramic tile & grout	None Detected		100% Other	Red Non Fibrous Heterogeneous
1601095PLM_20	ceramic tile				Crushed
NHS-20 - B	Ceramic tile & grout	None Detected		100% Other	White Non Fibrous Heterogeneous
1601095PLM_108	grout				Crushed
NHS-21 - A	Sheet flooring	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
1601095PLM_21	mastic 1				Dissolved

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Bulk Asbestos Analysis

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



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Analysis ID: 1601095_PLM
Date Received: 1/20/2016
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Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
NHS-21 - B	Sheet flooring	2% Chrysotile		98% Other	Green Non Fibrous Heterogeneous
1601095PLM_109	tile				Ashed
NHS-21 - C	Sheet flooring	4% Chrysotile		96% Other	Yellow, Gray Non Fibrous Heterogeneous
1601095PLM_110	mastic 2/leveling compound				Dissolved
NHS-22 - A	Sheet flooring	None Detected		100% Other	White, Yellow Non Fibrous Heterogeneous
1601095PLM_22	mixed mastics				Dissolved
NHS-22 - B	Sheet flooring	2% Chrysotile		98% Other	Green Non Fibrous Heterogeneous
1601095PLM_111	tile				Dissolved
NHS-22 - C	Sheet flooring	4% Chrysotile		96% Other	Yellow Non Fibrous Heterogeneous
1601095PLM_112	mastic 2				Dissolved
NHS-23 - A	Sheet flooring	None Detected		100% Other	Yellow, White Non Fibrous Heterogeneous
1601095PLM_23	mixed mastics 1				Dissolved
NHS-23 - B	Sheet flooring	2% Chrysotile		98% Other	Green Non Fibrous Heterogeneous
1601095PLM_113	tile				Dissolved
NHS-23 - C	Sheet flooring	4% Chrysotile		96% Other	Yellow Non Fibrous Heterogeneous
1601095PLM_114	mixed mastics 2				Dissolved

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Project No. 1228-16-21, Parcel No. 1



Bulk Asbestos Analysis

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Date Received: 1/20/2016
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Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
NHS-24 - A	Drywall & joint compound	None Detected	10% Cellulose	90% Other	Gray Non Fibrous Homogeneous
1601095PLM_24	drywall				Crushed
NHS-24 - B	Drywall & joint compound	None Detected		100% Other	White Non Fibrous Homogeneous
1601095PLM_115	joint compound				Crushed
NHS-24 - C	Drywall & joint compound	None Detected	10% Cellulose	90% Other	Gray, White Non Fibrous Heterogeneous
1601095PLM_116	composite				Crushed
NHS-25 - A	Drywall & joint compound	None Detected	10% Cellulose	90% Other	Gray Non Fibrous Homogeneous
1601095PLM_25	drywall				Crushed
NHS-25 - B	Drywall & joint compound	None Detected		100% Other	White Non Fibrous Homogeneous
1601095PLM_117	joint compound				Crushed
NHS-25 - C	Drywall & joint compound	None Detected	10% Cellulose	90% Other	Gray, White Non Fibrous Heterogeneous
1601095PLM_118	composite				Crushed
NHS-26	Drywall & joint compound	None Detected	10% Cellulose	90% Other	Gray Non Fibrous Homogeneous
1601095PLM_26	drywall only				Crushed
NHS-27 - A	Ceramic tile & grout & mastic	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1601095PLM_27	ceramic tile				Crushed

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Bulk Asbestos Analysis

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



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Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
NHS-27 - B	Ceramic tile & grout & mastic	None Detected	5% Cellulose	95% Other	Gray Non Fibrous Heterogeneous
1601095PLM_119	grout				Crushed
NHS-27 - C	Ceramic tile & grout & mastic	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
1601095PLM_120	mastic				Dissolved
NHS-28 - A	Ceramic tile & grout & mastic	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1601095PLM_28	ceramic tile				Crushed
NHS-28 - B	Ceramic tile & grout & mastic	None Detected	5% Cellulose	95% Other	Gray Non Fibrous Heterogeneous
1601095PLM_121	grout				Crushed
NHS-28 - C	Ceramic tile & grout & mastic	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
1601095PLM_122	mastic				Dissolved
NHS-29 - A	Linoleum	None Detected	40% Cellulose	60% Other	Gray Non Fibrous Heterogeneous
1601095PLM_29	vinyl sheet flooring 1 w/ mastic inseparable				Ashed
NHS-29 - B	Linoleum	20% Chrysotile	40% Cellulose	40% Other	Brown Non Fibrous Heterogeneous
1601095PLM_123	vinyl sheet flooring 2 w/ mastic inseparable				Teased, Dissolved
NHS-30 - A	Linoleum	None Detected	40% Cellulose	60% Other	Gray Non Fibrous Heterogeneous
1601095PLM_30	vinyl sheet flooring 1 w/ leveling compound inseparable				Ashed

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Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



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Attn: Rob Haveman

Lab Order ID: 1601095
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Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
NHS-30 - B	Linoleum	20% Chrysotile	40% Cellulose	40% Other	Brown Non Fibrous Heterogeneous
1601095PLM_124	vinyl sheet flooring 2				Teased
NHS-30 - C	Linoleum	None Detected		100% Other	Brown Non Fibrous Heterogeneous
1601095PLM_125	mastic				Crushed
NHS-31	Attic insulation	None Detected	99% Fiber Glass	1% Other	Gray, White Fibrous Homogeneous
1601095PLM_31					Teased
NHS-32	Attic insulation	None Detected	99% Fiber Glass	1% Other	Gray, White Fibrous Homogeneous
1601095PLM_32					Teased
NHS-33	Attic insulation	None Detected	99% Fiber Glass	1% Other	Gray, White Fibrous Homogeneous
1601095PLM_33					Teased
NHS-34 - A	Ceramic tile & grout & mastic	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1601095PLM_34	ceramic tile				Crushed
NHS-34 - B	Ceramic tile & grout & mastic	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1601095PLM_126	thinset				Crushed
NHS-35 - A	Ceramic tile & grout & mastic	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1601095PLM_35	ceramic tile				Crushed

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Project No. 1228-16-21, Parcel No. 1



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



NVLAP
NVLAP Lab Code: 200564-0

Customer: Environmental Management Consulting
W7748 Cnty Hwy V
Lake Mills WI 53551

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Lab Order ID: 1601095

Analysis ID: 1601095_PLM

Date Received: 1/20/2016

Date Reported: 1/26/2016

Project: Nicolet UHS 160130-02

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
NHS-35 - B	Ceramic tile & grout & mastic	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1601095PLM_127	thinset				Crushed
NHS-36	Roofing insulation	None Detected	99% Cellulose	1% Other	Brown Fibrous Homogeneous
1601095PLM_36					Teased
NHS-37	Roofing insulation	None Detected	99% Cellulose	1% Other	Brown Fibrous Homogeneous
1601095PLM_37					Teased
NHS-38	Roofing insulation	None Detected	99% Cellulose	1% Other	Brown Fibrous Homogeneous
1601095PLM_38					Teased
NHS-39 - A	Base & mastic	None Detected		100% Other	Gray, Brown Non Fibrous Heterogeneous
1601095PLM_39	covebase				Ashed
NHS-39 - B	Base & mastic	None Detected		100% Other	Yellow, Brown Non Fibrous Heterogeneous
1601095PLM_128	mixed mastics				Dissolved
NHS-40 - A	Base & mastic	None Detected		100% Other	Yellow, Brown Non Fibrous Heterogeneous
1601095PLM_40	covebase				Dissolved
NHS-40 - B	Base & mastic	None Detected		100% Other	Yellow, Brown Non Fibrous Heterogeneous
1601095PLM_154	mixed mastics				Dissolved

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P-F-002.r15 1/15/2018

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Bulk Asbestos Analysis

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NVLAP
NVLAP Lab Code: 200664-0

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Lake Mills WI 53551
Project: Nicolet UHS 160130-02

Attn: Rob Haveman

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Analysis ID: 1601095_PLM
Date Received: 1/20/2016
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Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
NHS-41	Linoleum	None Detected	60% Cellulose	40% Other	Black, Brown Non Fibrous Heterogeneous
1601095PLM_41					Dissolved
NHS-42	Linoleum	None Detected	60% Cellulose	40% Other	Black, Brown Non Fibrous Heterogeneous
1601095PLM_42					Dissolved
NHS-43 - A	Linoleum	None Detected	30% Cellulose	70% Other	Red Non Fibrous Heterogeneous
1601095PLM_43	tile				Dissolved
NHS-43 - B	Linoleum	None Detected	20% Cellulose	80% Other	Gray Non Fibrous Heterogeneous
1601095PLM_129	mastic				Dissolved
NHS-44 - A	Linoleum	None Detected	30% Cellulose	70% Other	Red Non Fibrous Heterogeneous
1601095PLM_44	tile				Dissolved
NHS-44 - B	Linoleum	None Detected	20% Cellulose	80% Other	Gray Non Fibrous Heterogeneous
1601095PLM_130	mastic				Dissolved
NHS-45 - A	Plaster	None Detected		100% Other	White Non Fibrous Heterogeneous
1601095PLM_45	finish				Crushed
NHS-45 - B	Plaster	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1601095PLM_131	base				Crushed

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Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
NHS-45 - C	Plaster	None Detected	10% Cellulose	90% Other	Gray Non Fibrous Heterogeneous
1601095PLM_132	drywall				Crushed
NHS-46	Plaster	None Detected		100% Other	White Non Fibrous Heterogeneous
1601095PLM_46	finish-only				Crushed
NHS-47	Plaster	None Detected		100% Other	White Non Fibrous Heterogeneous
1601095PLM_47	finish-only				Crushed
NHS-48 - A	Plaster	None Detected		100% Other	White Non Fibrous Heterogeneous
1601095PLM_48	compound				Crushed
NHS-48 - B	Plaster	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1601095PLM_133	base				Crushed
NHS-49 - A	Plaster	None Detected		100% Other	White Non Fibrous Heterogeneous
1601095PLM_49	compound				Crushed
NHS-49 - B	Plaster	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1601095PLM_134	base				Crushed
NHS-50 - A	Plaster	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1601095PLM_50	compound				Crushed

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P-E-002 r13 1/15/2018

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Bulk Asbestos Analysis

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Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
NHS-50 - B	Plaster	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1601095PLM_135	base				Crushed
NHS-51 - A	1x1 ceiling tile	None Detected	99% Cellulose	1% Other	Brown Fibrous Homogeneous
1601095PLM_51	ceramic tile				Ashed
NHS-51 - B	1x1 ceiling tile	None Detected	60% Cellulose	40% Other	Black Non Fibrous Heterogeneous
1601095PLM_136	felt				Dissolved
NHS-52	1x1 ceiling tile	None Detected	99% Cellulose	1% Other	Brown Fibrous Homogeneous
1601095PLM_52					Ashed
NHS-53	1x1 ceiling tile	None Detected	99% Cellulose	1% Other	Brown Fibrous Homogeneous
1601095PLM_53					Ashed
NHS-54 - A	Floor tile & mastic	None Detected		100% Other	White Non Fibrous Heterogeneous
1601095PLM_54	tile				Dissolved
NHS-54 - B	Floor tile & mastic	None Detected		100% Other	Black Non Fibrous Heterogeneous
1601095PLM_137	mastic				Dissolved
NHS-55 - A	Floor tile & mastic	None Detected		100% Other	White Non Fibrous Heterogeneous
1601095PLM_55	tile				Dissolved

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Christopher Subudhi (154)

Analyst

Approved Signatory

P-F-002 r15 1/15/2018

Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888

Page 14 of 20



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



NVLAP
NVLAP Lab Code: 20066-1-0

Customer: Environmental Management Consulting
W7748 Cnty Hwy V
Lake Mills WI 53551
Project: Nicolet UHS 160130-02

Attn: Rob Haveman

Lab Order ID: 1601095
Analysis ID: 1601095_PLM
Date Received: 1/20/2016
Date Reported: 1/26/2016

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
NHS-55 - B	Floor tile & mastic	None Detected		100% Other	Black Non Fibrous Heterogeneous
1601095PLM_138	mastic				Dissolved
NHS-56 - A	Floor tile & mastic	None Detected		100% Other	White Non Fibrous Heterogeneous
1601095PLM_56	tile				Dissolved
NHS-56 - B	Floor tile & mastic	None Detected		100% Other	Black Non Fibrous Heterogeneous
1601095PLM_139	mastic				Dissolved
NHS-57 - A	Base & mastic	None Detected		100% Other	Gray, Brown Non Fibrous Heterogeneous
1601095PLM_57	covebase				Dissolved
NHS-57 - B	Base & mastic	None Detected		100% Other	Yellow, Brown Non Fibrous Heterogeneous
1601095PLM_140	mixed mastics				Dissolved
NHS-58 - A	Base & mastic	None Detected		100% Other	Gray, Brown Non Fibrous Heterogeneous
1601095PLM_58	covebase				Dissolved
NHS-58 - B	Base & mastic	None Detected		100% Other	Yellow, Brown Non Fibrous Heterogeneous
1601095PLM_141	mixed mastics				Dissolved
NHS-59	Duct paper/insulation	40% Chrysotile	30% Cellulose	30% Other	White Fibrous Homogeneous
1601095PLM_59					Teased

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Christopher Subudhi (154)

Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



NVLAP
NVLAP Lab Code: 200564-0

Customer: Environmental Management Consulting
W7748 Cnty Hwy V
Lake Mills WI 53551
Project: Nicolet UHS 160130-02

Attn: Rob Haveman

Lab Order ID: 1601095
Analysis ID: 1601095_PLM
Date Received: 1/20/2016
Date Reported: 1/26/2016

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
NHS-60	Duct paper/insulation	40% Chrysotile	30% Cellulose	30% Other	White Fibrous Homogeneous
1601095PLM_60					Teased
NHS-61 - A	Drywall & joint compound	None Detected	10% Cellulose	90% Other	Gray Non Fibrous Homogeneous
1601095PLM_61	drywall				Crushed
NHS-61 - B	Drywall & joint compound	None Detected		100% Other	Gray, White Non Fibrous Homogeneous
1601095PLM_142	joint compound-small sample				Crushed
NHS-61 - C	Drywall & joint compound	None Detected	10% Cellulose	90% Other	Gray, White Non Fibrous Heterogeneous
1601095PLM_143	composite				Crushed
NHS-62	Drywall & joint compound	None Detected	10% Cellulose	90% Other	Gray Non Fibrous Heterogeneous
1601095PLM_62					Crushed
NHS-63 - A	Drywall & joint compound	None Detected	10% Cellulose	90% Other	Gray Non Fibrous Homogeneous
1601095PLM_63	drywall				Crushed
NHS-63 - B	Drywall & joint compound	None Detected		100% Other	White Non Fibrous Homogeneous
1601095PLM_144	joint compound				Crushed
NHS-63 - C	Drywall & joint compound	None Detected	10% Cellulose	90% Other	Gray, White Non Fibrous Heterogeneous
1601095PLM_145	composite				Crushed

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Christopher Subudhi (154)

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Approved Signatory

P-F-002 r15 1/15/2018

Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888

Page 16 of 20



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



NVLAP
NVLAP Lab Code: 200664-0

Customer: Environmental Management Consulting
W7748 Cnty Hwy V
Lake Mills WI 53551
Project: Nicolet UHS 160130-02

Attn: Rob Haveman

Lab Order ID: 1601095
Analysis ID: 1601095_PLM
Date Received: 1/20/2016
Date Reported: 1/26/2016

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
NHS-64	Pipe insulation	5% Chrysotile		95% Other	Black Non Fibrous Heterogeneous
1601095PLM_64					Dissolved
NHS-65	Pipe insulation	5% Chrysotile		95% Other	Black Non Fibrous Heterogeneous
1601095PLM_65					Dissolved
NHS-66	Pipe insulation	5% Chrysotile		95% Other	Black Non Fibrous Heterogeneous
1601095PLM_66					Dissolved
NHS-67	Window glaze	None Detected		100% Other	White, Gray Non Fibrous Heterogeneous
1601095PLM_67					Crushed
NHS-68	Window glaze	None Detected		100% Other	White, Gray Non Fibrous Heterogeneous
1601095PLM_68					Crushed
NHS-69	Window glaze	None Detected		100% Other	White, Gray Non Fibrous Heterogeneous
1601095PLM_69					Crushed
NHS-70 - A	Skim coat (stucco)	None Detected		100% Other	White Non Fibrous Heterogeneous
1601095PLM_70	white layer				Crushed
NHS-70 - B	Skim coat (stucco)	None Detected		100% Other	Brown Non Fibrous Heterogeneous
1601095PLM_146	brown layer				Crushed

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P-F-002 r15 1/15/2018

Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888

Page 17 of 20



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



NVLAP
NVLAP Lab Code: 200564-0

Customer: Environmental Management Consulting
W7748 Cnty Hwy V
Lake Mills WI 53551
Project: Nicolet UHS 160130-02

Attn: Rob Haveman

Lab Order ID: 1601095
Analysis ID: 1601095_PLM
Date Received: 1/20/2016
Date Reported: 1/26/2016

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
NHS-71	Skim coat (stucco)	None Detected		100% Other	White Non Fibrous Heterogeneous
1601095PLM_71					Crushed
NHS-72	Skim coat (stucco)	None Detected		100% Other	White Non Fibrous Heterogeneous
1601095PLM_72					Crushed
NHS-73 - A	Skim coat (stucco)	None Detected		100% Other	White Non Fibrous Heterogeneous
1601095PLM_73	white layer				Crushed
NHS-73 - B	Skim coat (stucco)	None Detected		100% Other	Brown Non Fibrous Heterogeneous
1601095PLM_147	brown layer				Crushed
NHS-74 - A	Skim coat (stucco)	None Detected		100% Other	White Non Fibrous Heterogeneous
1601095PLM_74	white layer				Crushed
NHS-74 - B	Skim coat (stucco)	None Detected		100% Other	Brown Non Fibrous Heterogeneous
1601095PLM_148	brown layer				Crushed
NHS-75 - A	Skim coat (stucco)	None Detected		100% Other	White Non Fibrous Heterogeneous
1601095PLM_75	white layer				Crushed
NHS-75 - B	Skim coat (stucco)	None Detected		100% Other	Brown Non Fibrous Heterogeneous
1601095PLM_149	brown layer				Crushed

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Christopher Subudhi (154)

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PAF-002 r15 1/15/2018

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Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



NVLAP
NVLAP Lab Code: 200564-B

Customer: Environmental Management Consulting
W7748 Cnty Hwy V
Lake Mills WI 53551
Project: Nicolet UHS 160130-02

Attn: Rob Haveman

Lab Order ID: 1601095
Analysis ID: 1601095_PLM
Date Received: 1/20/2016
Date Reported: 1/26/2016

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
NHS-76 - A	Ceramic tile & grout	None Detected		100% Other	White Non Fibrous Heterogeneous
1601095PLM_76	ceramic tile				Crushed
NHS-76 - B	Ceramic tile & grout	None Detected		100% Other	White Non Fibrous Heterogeneous
1601095PLM_150	grout				Crushed
NHS-76 - C	Ceramic tile & grout	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
1601095PLM_151	mastic				Dissolved
NHS-77 - A	Ceramic tile & grout	None Detected		100% Other	White Non Fibrous Heterogeneous
1601095PLM_77	ceramic tile				Crushed
NHS-77 - B	Ceramic tile & grout	None Detected		100% Other	White Non Fibrous Heterogeneous
1601095PLM_152	grout				Crushed
NHS-77 - C	Ceramic tile & grout	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
1601095PLM_153	mastic				Dissolved
NHS-78	Linoleum	None Detected	40% Cellulose	60% Other	Brown, Gray Non Fibrous Heterogeneous
1601095PLM_78					Dissolved
NHS-79	Linoleum	None Detected	30% Cellulose	70% Other	Green, Brown Non Fibrous Heterogeneous
1601095PLM_79					Dissolved

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Christopher Subudhi (154)

Analyst

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P-F-002 r15 1/15/2018

Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888

Page 19 of 20



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



NVLAP
NVLAP Lab Code: 200664-0

Customer: Environmental Management Consulting
W7748 Cnty Hwy V
Lake Mills WI 53551

Attn: Rob Haveman

Lab Order ID: 1601095

Analysis ID: 1601095_PLM

Date Received: 1/20/2016

Date Reported: 1/26/2016

Project: Nicolet UHS 160130-02

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
NHS-80	Electric insulation	None Detected		100% Other	Black Non Fibrous Heterogeneous
1601095PLM_80					Dissolved
NHS-81	Electric insulation	None Detected	99% Cellulose	1% Other	Brown Fibrous Homogeneous
1601095PLM_81					Ashed

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Christopher Subudhi (154)

Analyst

Approved Signatory

Lab Order ID:



Environmental Management Consulting, Inc.

E.M.C., Inc.
W7748 County Highway V
Lake Mills, WI 53551
920-648-6343

Scientific Analytical Institute
4604 Dundas Drive
Greensboro, NC 27407
877-292-3888



EMC Contact: <u>Rob Haveman</u>	Test Type	Duration/Time	
Email : <u>emc@emc-wi.com</u>	PLM <input checked="" type="checkbox"/>	12 Hours <input type="checkbox"/>	120 Hours <input checked="" type="checkbox"/>
Sample Location: <u>535 Green Tree Rd, River Hills, WI</u>	Point Count <input type="checkbox"/>	24 Hours <input type="checkbox"/>	144+ Hours <input checked="" type="checkbox"/>
Sample Date: <u>1/8/16 + 1/15/16</u>	PCM <input type="checkbox"/>	48 Hours <input type="checkbox"/>	
Sampling Personnel: <u>Rob Haveman</u>	TEM <input type="checkbox"/>	72 Hours <input type="checkbox"/>	
Inspector Number: <u>ATI-17115</u>	Lead <input type="checkbox"/>	96 Hours <input type="checkbox"/>	
Project Name/ #: <u>Nicolet UHS: 160130-02</u>			

Sample Number	Room Code	SR/IC	Material Description	Room	Special Location or Volume/Area	Lab Results
NHS-01	P1	<input type="checkbox"/>	Plaster	Interior		
-02		<input type="checkbox"/>				
-03		<input type="checkbox"/>				
-04		<input type="checkbox"/>				
-05		<input type="checkbox"/>				
-06		<input type="checkbox"/>				
-07		<input type="checkbox"/>				
-08		<input type="checkbox"/>				
-09	✓	<input type="checkbox"/>	✓			
-10	L1	<input type="checkbox"/>	Linoleum			
-11	↓	<input type="checkbox"/>	↓			
-12	↓	<input type="checkbox"/>	↓			
-13		<input type="checkbox"/>	Marble/Glue/under			
-14		<input type="checkbox"/>	↓			
-15		<input type="checkbox"/>				
-16		<input type="checkbox"/>	Carpet Mastic/skim			
-17		<input type="checkbox"/>	"			
-18	Cer 1	<input type="checkbox"/>	Ceramic Tile + glue			
-19	↓	<input type="checkbox"/>	↓			
✓ -20	↓	<input type="checkbox"/>	↓	↓		

Accepted ☒Rejected ☐Total # of Samples 81

Relinquished by	Date/Time	Received by	Date/Time
	1/15/16		1/20 10 A

Please Email To:

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☒ rhaveman@emc-wi.com
☐ lwinslow@emc-wi.com
 Page 1 of 4

Project No. 1228-16-21, Parcel No. 1

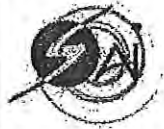
Lab Order ID:



Environmental Management Consulting, Inc.

E.M.C., Inc.
W7748 County Highway V
Lake Mills, WI 53551
920-648-6343

Scientific Analytical Institute
4604 Dundas Drive
Greensboro, NC 27407
877-292-3888



1601095

EMC Contact: <u>Rob Haveman</u>	Test Type	Turnaround Time	
Email : <u>emc@emc-wi.com</u>	PLM <input checked="" type="checkbox"/>	12 Hours <input type="checkbox"/>	120 Hours <input checked="" type="checkbox"/>
Sample Location: <u>535 Green Tree Rd, River Hills, WI</u>	Point Count <input type="checkbox"/>	24 Hours <input type="checkbox"/>	144+ Hours <input type="checkbox"/>
Sample Date: <u>1/8/16 + 1/15/16</u>	PCM <input type="checkbox"/>	48 Hours <input type="checkbox"/>	
Sampling Personnel: <u>Rob Haveman</u>	TEM <input type="checkbox"/>	72 Hours <input type="checkbox"/>	
Inspector Number: <u>ATI-17115</u>	Lead <input type="checkbox"/>	96 Hours <input type="checkbox"/>	
Project Name/ #: <u>Nicolet UHS: 160130-02</u>			

Sample Number	Homo Code	SR/JC	Material Description	Room	Specific Location or Volume/Area	Lab Results
NHS-21	L2	<input type="checkbox"/>	sheet Flooring	Interior		
-22	↓	<input type="checkbox"/>	↓			
-23	↓	<input type="checkbox"/>	↓			
-24	DW2	<input type="checkbox"/>	Drywall + Joint Compound			
-25	↓	<input type="checkbox"/>	↓			
-26	↓	<input type="checkbox"/>	↓			
-27	Cer 3	<input type="checkbox"/>	Ceramic Tile + Grout			
-28	"	<input type="checkbox"/>	" + mastic			
-29	L5	<input type="checkbox"/>	Lindoleum			
-30	"	<input type="checkbox"/>	"			
-31		<input type="checkbox"/>	Attic Insulation			
-32		<input type="checkbox"/>	↓			
-33		<input type="checkbox"/>	↓			
-34	Cer 2	<input type="checkbox"/>	Ceramic Tile + Grout			
-35	"	<input type="checkbox"/>	" + mastic			
-36		<input type="checkbox"/>	Roofing Insulation			
-37		<input type="checkbox"/>	↓			
-38		<input type="checkbox"/>	↓			
-39	B1	<input type="checkbox"/>	Base + Mastic			
✓ -40	"	<input type="checkbox"/>	"	✓		

Total # of Samples 81

Relinquished by	Date/Time	Received by	Date/Time
	1/15/16		

Please Email To:

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☒ rhaveman@emc-wi.com
☐ lwinslow@emc-wi.com
 Page 2 of 4

Project No. 1228-16-21, Parcel No. 1

Lab Order ID:



Environmental Management Consulting, Inc.

E.M.C., Inc.
W7748 County Highway V
Lake Mills, WI 53551
920-648-6343

Scientific Analytical Institute
4604 Dundas Drive
Greensboro, NC 27407
877-292-3888



1601095

EMC Contact: <u>Rob Haveman</u>	Test Type	Turnaround Time	
Email : <u>emc@emc-wi.com</u>	PLM <input checked="" type="checkbox"/>	12 Hours <input type="checkbox"/>	120 Hours <input checked="" type="checkbox"/>
Sample Location: <u>535 Green Tree Rd, Hills, WI</u>	Point Count <input type="checkbox"/>	24 Hours <input type="checkbox"/>	144+ Hours <input type="checkbox"/>
Sample Date: <u>1/8/16 + 1/15/16</u>	PCM <input type="checkbox"/>	48 Hours <input type="checkbox"/>	
Sampling Personnel: <u>Rob Haveman</u>	TEM <input type="checkbox"/>	72 Hours <input type="checkbox"/>	
Inspector Number: <u>ATI-17115</u>	Lead <input type="checkbox"/>	96 Hours <input type="checkbox"/>	
Project Name/ #: <u>Nicole + UHS: 160130-02</u>			

Sample Number	Homo Code	SR IC	Enter Into Laboratory Sample Description Field		Specific Location or Volume Area	Lab Results
			Material Description	Room		
NHS-41	L4	<input type="checkbox"/>	Linoleum	Exterior		
-42	"	<input type="checkbox"/>	"			
-43	L3	<input type="checkbox"/>	Linoleum			
-44	"	<input type="checkbox"/>	"			
-45	P2	<input type="checkbox"/>	Plaster			
-46	↓	<input type="checkbox"/>	↓			
-47	↓	<input type="checkbox"/>	↓			
-48	P3	<input type="checkbox"/>	Plaster			
-49	↓	<input type="checkbox"/>	↓			
-50	↓	<input type="checkbox"/>	↓			
-51	CT1	<input type="checkbox"/>	1X1 Ceiling Tile			
-52	↓	<input type="checkbox"/>	↓			
-53	↓	<input type="checkbox"/>	↓			
-54	FT1	<input type="checkbox"/>	Floor tile + Mastic			
-55	↓	<input type="checkbox"/>	↓			
-56	↓	<input type="checkbox"/>	↓			
-57	B2	<input type="checkbox"/>	Base + Mastic			
-58	"	<input type="checkbox"/>	"			
-59		<input type="checkbox"/>	Duct Paper/Insul.			
✓ -60		<input type="checkbox"/>	"	✓		

Total # of Samples 81

Relinquished by	Date/Time	Received by	Date/Time
<u>[Signature]</u>	<u>1/15/16</u>		

Please Email To:

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☐ lwinslow@emc-wi.com
 Page 3 of 4

Project No. 1228-16-21, Parcel No. 1

Lab Order ID:



Environmental Management Consulting, Inc.

E.M.C., Inc.
W7748 County Highway V
Lake Mills, WI 53551
920-648-6343

Scientific Analytical Institute
4604 Dundas Drive
Greensboro, NC 27407
877-292-3888



EMC Contact: <u>Rob Haveman</u>	Test Type	Turnaround Time	
Email : <u>emc@emc-wi.com</u>	PLM <input checked="" type="checkbox"/>	12 Hours <input type="checkbox"/>	120 Hours <input checked="" type="checkbox"/>
Sample Location: <u>535 GreenTree Rd. ^{River} Hills, WI</u>	Point Count <input type="checkbox"/>	24 Hours <input type="checkbox"/>	144+ Hours <input type="checkbox"/>
Sample Date: <u>1/8/16 + 1/15/16</u>	PCM <input type="checkbox"/>	48 Hours <input type="checkbox"/>	
Sampling Personnel: <u>Rob Haveman</u>	TEM <input type="checkbox"/>	72 Hours <input type="checkbox"/>	
Inspector Number: <u>ATI-17115</u>	Lead <input type="checkbox"/>	96 Hours <input type="checkbox"/>	
Project Name/ #: <u>Nicolet UHS: 160130-02</u>			

Sample Number	Homo Code	SPJ IC	Enter Into Laboratory / Sample Description / Field Material Description	Room	Specific Location or Volume/Area	Lab Results
NHS-61	DW1	<input type="checkbox"/>	Drywall + Joint Compound	Garage		
-62	↓	<input type="checkbox"/>	↓	↓		
-63	↓	<input type="checkbox"/>	↓	↓		
-64		<input type="checkbox"/>	Pipe Insulation	Interior		
-65		<input type="checkbox"/>	↓	↓		
-66		<input type="checkbox"/>	↓	↓		
-67		<input type="checkbox"/>	Window Glaze	Exterior		
-68		<input type="checkbox"/>	↓	↓		
-69		<input type="checkbox"/>	↓	↓		
-70		<input type="checkbox"/>	Skimcoat (stucco)			
-71		<input type="checkbox"/>	↓	↓		
-72		<input type="checkbox"/>	↓	↓		
-73		<input type="checkbox"/>	↓	↓		
-74		<input type="checkbox"/>	↓	↓		
-75		<input type="checkbox"/>	↓	↓		
-76	Cer 4	<input type="checkbox"/>	Ceramic Tile + Grout	Interior		
-77	"	<input type="checkbox"/>	"	↓		
-78	L5	<input type="checkbox"/>	Limestone	↓		
-79	"	<input type="checkbox"/>	"	↓		
-80		<input type="checkbox"/>	Electric Insul.	↓		
↓ -81			"	↓		
Total # of Samples <u>81</u>						
Relinquished by		Date/Time		Received by		Date/Time
		1/15/16				

Please Email To:

☐ bfreeman@emc-wi.com
 ☐ bjungen@emc-wi.com
 ☐ jnoegel@emc-wi.com
 ☐ rvidekovich@emc-wi.com
☐ jbushman@emc-wi.com
 ☐ jschneider@emc-wi.com
 ☐ mfreeman@emc-wi.com
 ☐ cmertens@emc-wi.com
☐ jjozwiowski@emc-wi.com
☒ rhaveman@emc-wi.com
☐ lwinslow@emc-wi.com
 Page 4 of 4

Project No. 1228-16-21, Parcel No. 1



Bulk Asbestos Analysis

Point Counting Procedure
By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



NVLAP®
NVLAP Lab Code: 200664-0

Customer: Environmental Management
Consulting
W7748 Cnty Hwy V
Lake Mills WI 53551
Project: Nicolet UHS: 160130-02

Attn: Rob Haveman

Lab Order ID: 1602726
Analysis ID: 1602726_PT4
Date Received: 2/10/2016
Date Reported: 2/12/2016

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
NHS-01A	Plaster	< 1.0% Chrysotile		100% Other	Tan Non Fibrous Heterogeneous
1602726PT4_1					Crushed
NHS-02B	Plaster	< 1.0% Chrysotile		100% Other	Tan Non Fibrous Heterogeneous
1602726PT4_2					Crushed
NHS-03C	Plaster	< 1.0% Chrysotile		100% Other	Tan Non Fibrous Heterogeneous
1602726PT4_3					Crushed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 1.0 %. Unless otherwise noted blank sample correction was not performed on analytical results. Scientific Analytical Institute participates in the AIHA IHPAT program. IHPAT Laboratory ID: 173190. Analytical uncertainty available upon request.

Christopher Subudhi (3)

Analyst

Approved Signatory

CERTIFICATIONS

ASBESTOS PROF. DESIGNER
Issued By:
STATE OF WISCONSIN
Dept. of Health Services

William A Freeman
W7748 County Road V
Lake Mills WI 53551-9643

APD-1284	Exp: 03/31/2016	03/08/1964	Male
----------	-----------------	------------	------

Training due by: 03/31/2016

ASBESTOS SUPERVISOR
Issued By:
STATE OF WISCONSIN
Dept. of Health Services

William A Freeman
W7748 County Road V
Lake Mills WI 53551-9643

ACS-1284	Exp: 03/10/2017	03/08/1964	Male
----------	-----------------	------------	------

Training due by: 03/10/2017

ASBESTOS INSPECTOR
Issued By:
STATE OF WISCONSIN
Dept. of Health Services

William A Freeman
W7748 County Road V
Lake Mills WI 53551-9643

AI-1284	Exp: 03/12/2017	03/08/1964	Male
---------	-----------------	------------	------

Training due by: 03/12/2017

ASBESTOS PROF. DESIGNER
Issued By:
STATE OF WISCONSIN
Dept. of Health Services

John Thomas Bushman
W7748 County Road V
Lake Mills WI 53551-9643

APD-1283	Exp: 03/31/2016	03/03/1963	Male
----------	-----------------	------------	------

Training due by: 03/31/2016

ASBESTOS INSPECTOR
Issued By:
STATE OF WISCONSIN
Dept. of Health Services

John Thomas Bushman
W7748 County Road V
Lake Mills WI 53551-9643

AI-1283	Exp: 03/20/2017	03/03/1963	Male
---------	-----------------	------------	------

Training due by: 03/20/2017

ASBESTOS MGMT. PLANNER
Issued By:
STATE OF WISCONSIN
Dept. of Health Services

John Thomas Bushman
W7748 County Road V
Lake Mills WI 53551-9643

AMP-1281	Exp: 03/20/2017	03/03/1963	Male
----------	-----------------	------------	------

Training due by: 03/20/2017

ASBESTOS SUPERVISOR
Issued By:
STATE OF WISCONSIN
Dept. of Health Services

John Thomas Bushman
W7748 County Road V
Lake Mills WI 53551-9643

ACS-1281	Exp: 04/02/2017	03/03/1963	Male
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Training due by: 04/02/2017

ASBESTOS INSPECTOR
Issued By:
STATE OF WISCONSIN
Dept. of Health Services

James P Jozwiakowski
W7748 County Road V
Lake Mills WI 53551-9643

AI-1214	Exp: 03/20/2017	10/04/1963	Male
---------	-----------------	------------	------

Training due by: 03/20/2017

ASBESTOS MGMT. PLANNER
Issued By:
STATE OF WISCONSIN
Dept. of Health Services

James P Jozwiakowski
W7748 County Road V
Lake Mills WI 53551-9643

AMP-1214	Exp: 03/20/2017	10/04/1963	Male
----------	-----------------	------------	------

Training due by: 03/20/2017

ASBESTOS SUPERVISOR
Issued By:
STATE OF WISCONSIN
Dept. of Health Services

James P Jozwiakowski
W7748 County Road V
Lake Mills WI 53551-9643

ACS-1214	Exp: 03/21/2017	10/04/1963	Male
----------	-----------------	------------	------

Training due by: 03/21/2017

ASBESTOS SUPERVISOR
Issued By:
STATE OF WISCONSIN
Dept. of Health Services

Jason Gregory Schneider
W7748 County Road V
Lake Mills WI 53551-9643

ACS-14552	Exp: 03/21/2017	02/04/1971	Male
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Training due by: 03/21/2017

ASBESTOS INSPECTOR
Issued By:
STATE OF WISCONSIN
Dept. of Health Services

Jason Gregory Schneider
W7748 County Road V
Lake Mills WI 53551-9643

AI-14552	Exp: 03/20/2017	02/04/1971	Male
----------	-----------------	------------	------

Training due by: 03/20/2017

ASBESTOS SUPERVISOR
Issued By:
STATE OF WISCONSIN
Dept. of Health Services

Brett A Jorgen
214 N Talisman Rd
Wales WI 53183-0733

ACS-15200	Exp: 12/17/2016	01/20/1976	Male
-----------	-----------------	------------	------

Training due by: 12/17/2016

ASBESTOS INSPECTOR
Issued By:
STATE OF WISCONSIN
Dept. of Health Services

Brett A Jorgen
214 N Talisman Rd
Wales WI 53183-0733

AI-15200	Exp: 03/20/2017	01/20/1976	Male
----------	-----------------	------------	------

Training due by: 03/20/2017

ASBESTOS SUPERVISOR
Issued By:
STATE OF WISCONSIN
Dept. of Health Services

Robert J Haveman
W7748 County Road V
Lake Mills WI 53551-9643

ACS-17115	Exp: 05/11/2017	07/27/1974	Male
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Training due by: 05/11/2017

ASBESTOS INSPECTOR
Issued By:
STATE OF WISCONSIN
Dept. of Health Services

Robert J Haveman
W7748 County Road V
Lake Mills WI 53551-9643

AI-17115	Exp: 11/21/2016	07/27/1974	Male
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Training due by: 11/21/2016

ASBESTOS SUPERVISOR
Issued By:
STATE OF WISCONSIN
Dept. of Health Services

Jeremy Robert Norgel
W7748 County Road V
Lake Mills WI 53551-9643

ACS-101450	Exp: 03/21/2017	03/10/1977	Male
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Training due by: 03/21/2017

ASBESTOS INSPECTOR
Issued By:
STATE OF WISCONSIN
Dept. of Health Services

Jeremy Robert Norgel
W7748 County Road V
Lake Mills WI 53551-9643

AI-101450	Exp: 02/20/2016	02/10/1977	Male
-----------	-----------------	------------	------

Training due by: 03/20/2016

ASBESTOS SUPERVISOR
Issued By:
STATE OF WISCONSIN
Dept. of Health Services

Matthew Michael Freeman
9740 S Austin St
Oak Creek WI 53154-5110

ACS-121592	Exp: 03/02/2017	03/19/1987	Male
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Training due by: 03/02/2017

ASBESTOS INSPECTOR
Issued By:
STATE OF WISCONSIN
Dept. of Health Services

Matthew Michael Freeman
9740 S Austin St
Oak Creek WI 53154-5110

AI-121592	Exp: 03/14/2017	03/19/1987	Male
-----------	-----------------	------------	------

Training due by: 03/14/2017

ASBESTOS INSPECTOR
 Issued By
STATE OF WISCONSIN
 Dept. of Health Services

James Robert Winslow
 W7748 County Road V
 Lake Mills WI 53551-0643

170 lbs	5' 09"
AB-121893	Exp: 03/16/2017
10/25/1990	Male

Training due by: 03/16/2017

ASBESTOS SUPERVISOR
 Issued By
STATE OF WISCONSIN
 Dept. of Health Services

Thomas John Dushanan
 131 Lonsdale Rd
 Deerfield WI 53531-9331

150 lbs	5' 09"
ACS-208354	Exp: 03/28/2016
04/15/1991	Male

Training due by: 03/28/2016

ASBESTOS INSPECTOR
 Issued By
STATE OF WISCONSIN
 Dept. of Health Services

Thomas John Dushanan
 131 Lonsdale Rd
 Deerfield WI 53531-9331

150 lbs	5' 09"
AB-208354	Exp: 10/28/2016
04/15/1991	Male

Training due by: 10/28/2016

Exhibits

ID 2250-12-22 – Parcel 2

Removal, Grading, Backfill

Location Map

Floor Plans – Site Diagram

Additional Information

Photos

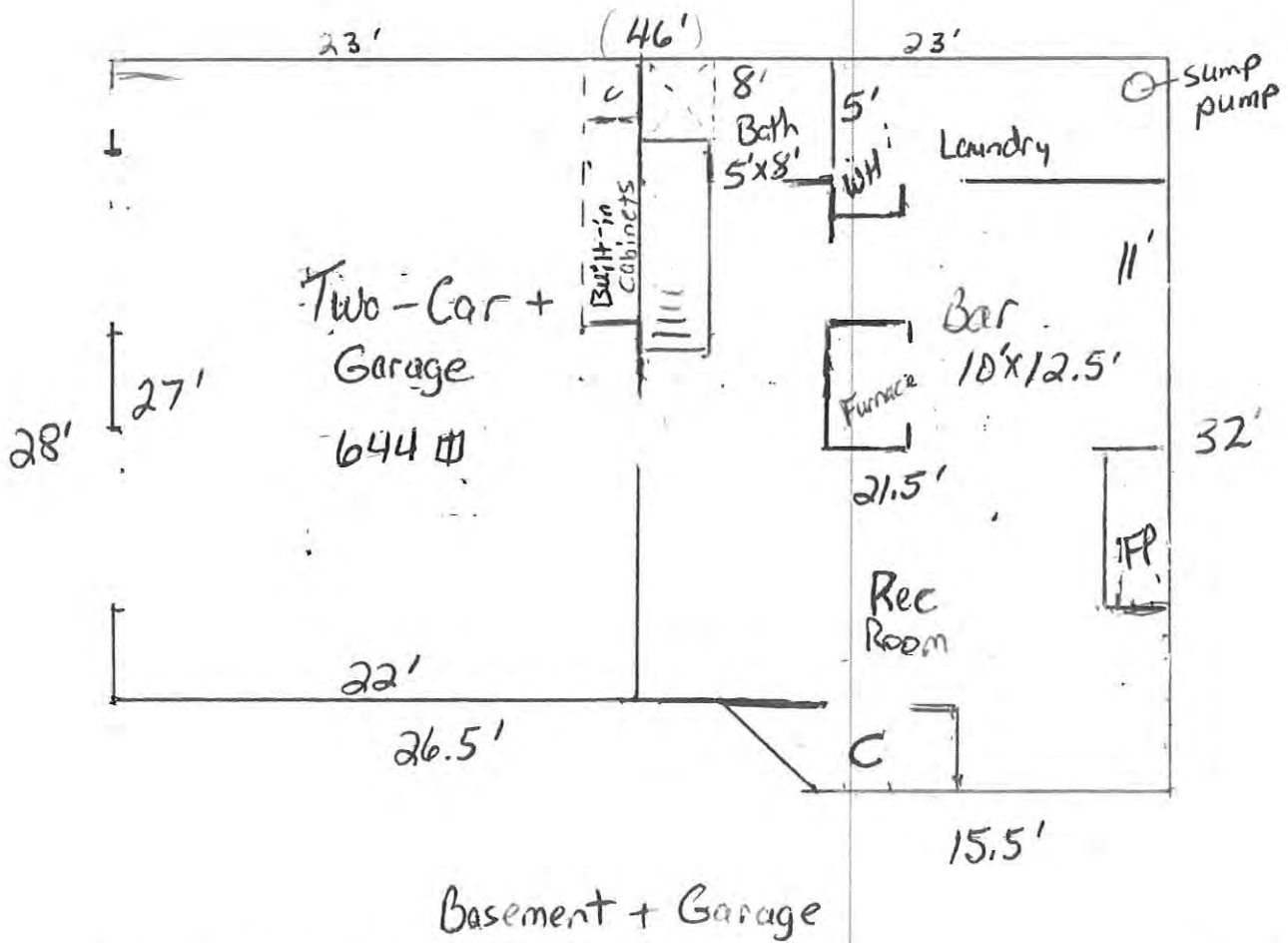
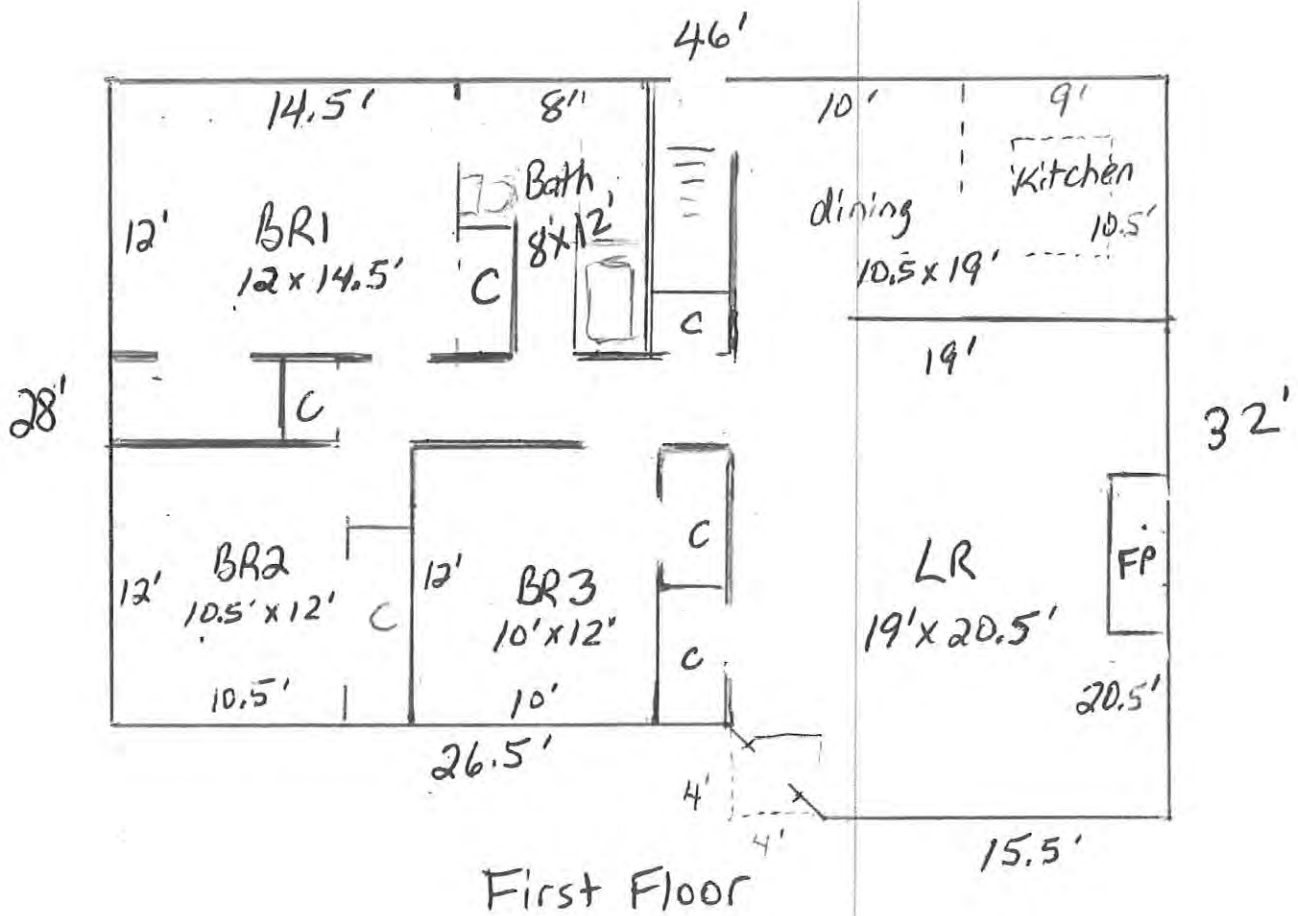
Asbestos Inspection and Abatement Report

REMOVE: 1,358 SF single family residence and a 1,358 SF full basement with 644 SF of that garage. Foundation is concrete block walls. Exterior comprises of aluminum siding, stained wood/cedar, and a brick facade. Stone retaining wall around driveway, concrete access walks, slabs and steps if applicable. Municipal water and sanitary sewer (water turned off at curb and meter pulled by Waterford Water & Sewer December 9th, 2015 (262) 534-3980). Concrete/asphalt paving areas (driveway/parking) may remain unless disturbed or damaged during demolition. *Note 1:* Play set and 386 SF wood deck with built-in brick fire pit to be removed.

GRADING: As directed by the State Department of Transportation inspector. Reference Special Provisions - Article 2 – Item #5. *Note:* Final grade, finish surface layer with approximate 2” depth of compacted crushed gravel, stone or concrete (dense grade ≤ 3 inch) over removal areas and any other areas disturbed during demolition.

Floor Plan/Site Diagram – Following Page(s)

BACKFILL: Reference Special Provisions Article 21 and the *Special Requirements* under Article 2- Scope of Work, of these special Provisions. Septic Tank - Granular Material; Well - Concrete or Other Material Acceptable to Wisconsin Department of Natural Resources.



First Floor

26.5' x 28'

19.5' x 32'

- 4' x 4'

1,358 sq

Below Grade Construction = 1,358 sq total

1358 sq total
- 23' x 23' = 644 sq garage

714 sq Basement

Finished Rec Room + Bathroom

714 sq total Basement Living

- 25' x 10' stairs

- 5' x 14' laundry

619 sq

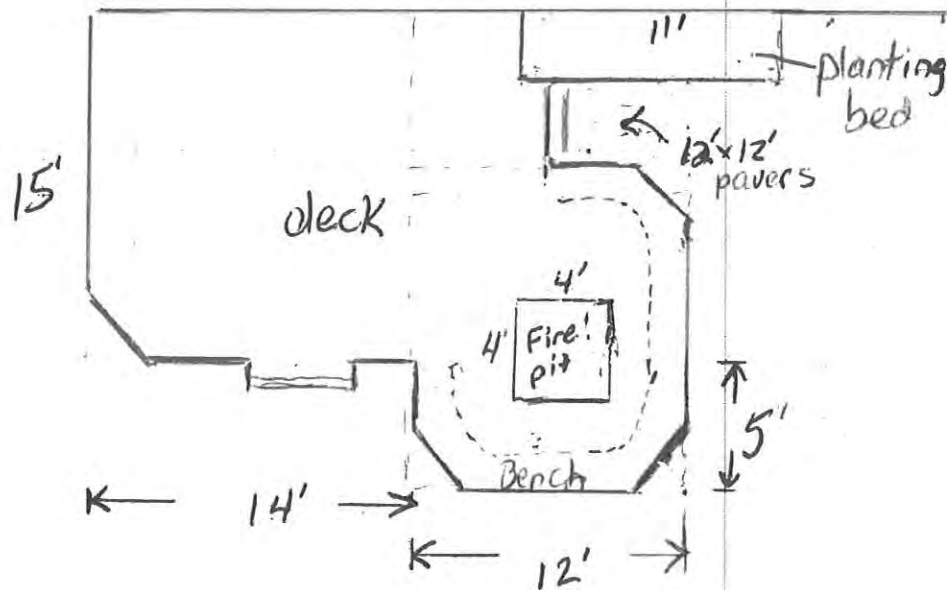
Rec Room

533 sq

Rec Room Calculation

619 sq

- 3' x 3' bath
- 5' x 5' bath
- 5' x 4' Furnace Rm
- 6' x 4' closet
- 1/2 (4' x 4') closet

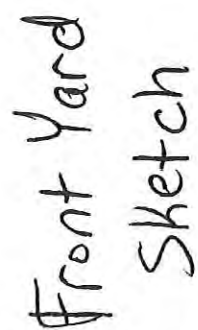


Deck area - Stained Pressure treated

$$\begin{aligned}
 &15' \times 14' \\
 &- (3' \times 3') \times \frac{1}{2} \\
 &+ 13' \times 12' \\
 &- \frac{1}{2} (2.5' \times 2.5') \\
 &+ 4.5' \times 3' \\
 &+ 4' \times 5'
 \end{aligned}$$

385.6

say 386 sq ft



Subject Neighborhood and Neighboring Properties

The subject is bounded by the Watertown-Union High School to the south. To the east is a parking lot for the school. To the west and south, across Main Street, are residential homes. The subject is located in generally a residential area. The high school and the middle school occupy portions of the south side of Main Street in the subject area.

IMPROVEMENT DESCRIPTION SUMMARY

Description of the Improvements

The following information is taken from assessment records and a physical inspection. The appraiser was not provided with any blueprints for the subject. The description below is intentionally brief and suitable for valuation purposes. Detailed site sketches are included in the Addenda.

Building: Home has three bedrooms, one main floor full bathroom, one lower level full bathroom, kitchen, kitchen dining area, living room, and a lower level rec room and bar. The home has a two-car plus garage located in the exposed basement and a wood deck.

Year Built: 1977, per assessment records, indicating an age of about 38 years old.

Subject Building Area

<u>Section</u>	<u>Sq Ft</u>
Main Floor	<u>1,358</u>
Total Above Grade	1,358
Finished basement	619
Unfinished basement	95
Basement Garage	<u>644</u>
Total Below Grade/exposed	1,358
Stained wood deck	386

Footings & Foundation: Concrete block.

Framing: Wood

Floor: Wood joists and wood subfloor

Roof: Asphalt shingle second layer replaced perhaps in 1989. Wood fascia and soffit. Aluminum gutters and downspouts. The appraiser did not inspect the attic. The owner states the attic is not

	used to store items and has about 12 to 18 inches of blown-in insulation.
Exterior Walls:	Aluminum siding. Gable areas and north side of living room are stained vertical cedar siding. Lower four feet of front of home and exposed basement walls at garage are brick façade.
Floors Finishes:	Ceramic tile floor in kitchen and dining area. Carpet in living room, hallway, bedrooms, basement rec room, and bar. Main floor bathroom is 12-inch by 12-inch ceramic tiles. Basement bathroom is sheet vinyl. Basement entry from garage is wood laminate.
Ceilings:	Painted drywall.
Interior Wall Finishes:	Painted drywall. Main bathroom has textured walls. Hallway has four feet of wood tongue and groove wainscoting and textured painted drywall.
Electrical Service:	Adequate.
Lighting:	Kitchen has flush-mounted fixture. Dining area has newer metal chandelier. Bedrooms have overhead light and ceiling fan fixtures. Bathrooms and hallways have flush mounted fixtures.
Windows & Doors:	Double hung. Front living room window is a fixed Thermopane with one double hung window on either side. Interior wood hollow-core doors with wood trim. Vinyl storm door. Storm door to living room has large view glass. Painted steel entry doors.
Kitchen Finish:	Original cabinets in average condition. Laminate countertop. Enamel cast iron sink and newer faucet. Built-in vent hood.
Bathroom Finish:	Ceramic tile around enameled cast iron tub. Tub area walls are newer four inch by eight inch tiles with a decorative band in good condition installed in the past ten years or so. One vitreous china sink with a newer fixture. Corian countertop. One toilet. The lower bath has a fiberglass shower surround with a plastic door, and vitreous china sink and laminate counter top, and toilet
Mechanicals:	Electric forced air Whirlpool furnace original to home. Electric water heater. Water softener is owned. Sump pump replaced recently. Air conditioner is a Rheem Classic 10-SEER with a date of May 2001.
Main Floor Amenities:	Brick wood burning fireplace with modern glass doors and a hearth in the living room. Wood beams and a vaulted ceiling in living room.

Appliances:	None to be included as these are personal property.
Unfinished Basement:	Laundry area with sump pump water softener and water heater. Furnace located in a closet off the bar area.
Finished Basement:	Rec room and bar area are painted drywall walls. Rec room has painted drywall ceilings. Bar area has acoustical 12-inch by 12-inch ceiling tiles and a flush-mounted fluorescent fixture. Rec room has flush mounted fluorescent fixtures and recessed spot lights. Brick wood burning fireplace with gold toned fireplace glass doors with an interior screen and a brick hearth.
Garage:	Two-car plus attached garage with two single entry overhead doors with openers. One pedestrian door. The garage has ten feet of built in lower and upper cabinets with Corian countertops. The garage ceiling and walls are painted drywall.
Encroachments:	Rock retaining wall along STH 20/Main Street frontage.

Site Improvements include the following:

- 386 square foot stained wood deck with built-in benches, railings, steps, and lower lattice to screen the underside.
- Built-in outdoor fire pit with brick sidewalls, a concrete top ledge, and an interior metal grate.
- 11-foot long wood timber garden box about one foot high along the back of the home.
- 31 feet of two course high timber edging around planting areas of one to 1.5-feet high along the front of the home.
- Dog run is supported by two wood posts, one at the deck and the other along the southern lot line.
- Rock retaining walls about one to three feet high located along the south end of the driveway (43 feet), and along the west side of the driveway (15 feet + 22 feet) for total of 131 linear feet.
- 91-foot long rock landscape border around a planting bed along the western side of the back yard.
- Four-foot by four-foot wood timber raised bed along south side of home.



North elevation



North and west elevations



View northeast toward subject from adjacent property to the west. West and south elevations



South elevation



South and east elevations



East elevation



Kitchen



Dining Area



Kitchen



Kitchen/dining



Living room



Living room



Living room



Living room



Master bedroom (BR-1)



Master bedroom



Master bedroom



Bedroom 2



Bedroom 2



Hallway



Bedroom 3



Main Floor bathroom



Main Floor bathroom



Stairs and lower hallway



Rec Room



Lower hallway



Rec room



Lower bathroom



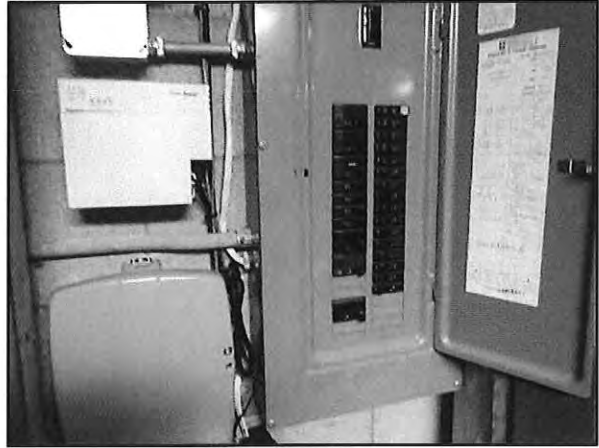
Bar area



Bar area



Water heater and water softener



Electrical box



Lower level entrance off of garage. Built-in cabinets to left.



Garage



Air conditioner



Painted wood soffits and fascia



Back yard and rock retaining wall



View west along back of yard



View southwest across back yard. Planted arborvitae. Side planting bed with rock border and lilac bushes.



View south along eastern lot line from southeast corner of driveway. School parking lot to left.



Rock retaining wall to west of driveway



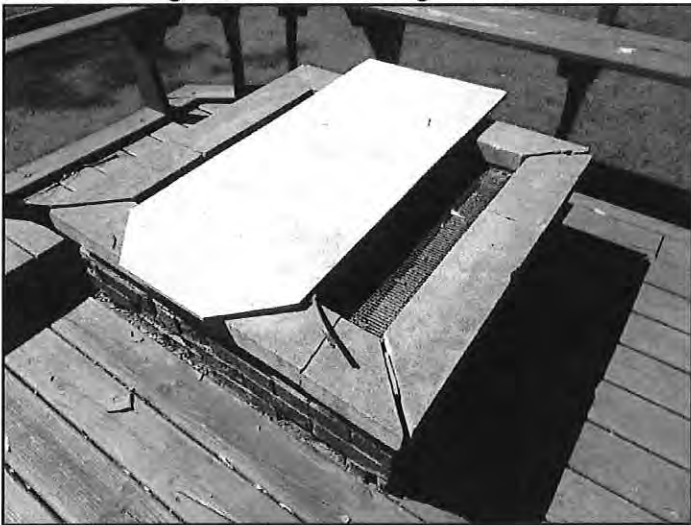
Deck and fire pit



Planting bed along back of home



Terraced bed along Main Street frontage. Public sidewalk to left.



Fire pit

NESHAPS Asbestos Building Inspection



615 W. Main St. Waterford, WI

Prepared for:

Wisconsin DOT DTSD

SE Region

Mr. Mike Jenders

14 NW Barstow St./PO Box798

Waukesha, WI. 53187-0798

Phone 262-548-5937

E-mail Michael.Jenders@dot.wi.gov

Prepared by:

Ironwood Environmental Inc.

3349 Carbineer Dr.

Belvidere, IL. 61008

Office: 815-877-7547

Fax: 815-877-5905

Ironwood
Environmental Inc.

Ironwood

Environmental Inc.

3349 Carbineer Dr.
Belvidere, IL. 61008
Office 815-877-7547
Fax: 815-877-5905

Mr. Mike Jenders

2/11/16

Re: NESHAPS Pre-demo asbestos building inspection of 615 W. Main St. Waterford, WI.

Ironwood Environmental Inc. is pleased to have had the opportunity to complete the NESHAPS pre demolition asbestos building inspection for the property listed above. Jeremy Bonacquisti, IL. asbestos building inspector # 100-6296 and WI ASC-102179, has completed a non-destructive asbestos building inspection at the request of the Mr. Mike Jenders with Wisconsin DOT @ the property listed above. The inspection was completed in compliance with DNR regulations under NESHAPS CFR 763.86, for the purpose of demolition. Ironwood is not responsible for the presence of acbms existing in undetectable places, such as false walls, pipe chase, etc. All asbestos quantities are estimates. It is the responsibility of the bidding contractor to field verify all quantities. Samples were collected and sent to TEM, an independent EPA / NVLAP approved lab, for PLM determination of the presence of asbestos, "Please refer to TEM report for results, methods, credentials and contacts".

When preparing for asbestos abatement it is important to determine if the asbestos containing materials (ACMs) are friable or non-friable. Friability is the degree to which a solid substance can be broken up into smaller pieces with a minimum of effort. In the case of asbestos, friable usually refers to whether the mineral can be broken down by a human hand. Friable asbestos materials are the ones that are most dangerous. They easily release asbestos fibers into the air, and these fibers pose a significant health risk to anyone nearby. Non-friable asbestos, on the other hand, is less likely to release fibers. Roofing material, for example, is a non-friable asbestos-containing material because the asbestos fibers are bound or locked into place. Non-friable asbestos is still a health risk, as it can be made friable if damaged or altered. To further differentiate the potential risks associated with ACMs, the EPA divides non-friable asbestos into two subcategories:

Category I Non-Friable: Includes non-friable materials which are unlikely to be made friable, due to a strong interlocking material which binds the fibers. These materials should only be removed during demolition if they are in very poor condition. Examples include vinyl floor coverings, vinyl asbestos tile, asphalt roofing products and gaskets.

Category II Non-Friable: Includes all non-friable materials which are not Category I. These materials are more likely to be made friable, as they are not resistant to weathering or crushing forces and may be subjected to extreme conditions or excessive use. Examples include cement siding, transite board shingles and concrete-like products.

Regulated Asbestos-Containing Material

(RACM) Federal regulatory agencies such as the EPA consider the following asbestos materials to be potentially dangerous and thus subject to regulations during the removal or renovation process:

Regulated Asbestos-Containing Material

- All friable ACMs
- Category I non-friable materials which have become friable
- Category I non-friable materials which have been subjected to sanding, grinding, cutting, etc.
- Category II non-friable materials with a high probability of becoming friable during renovation or demolition

If a facility or home will be demolished by burning, all asbestos material, whether it is friable or non-friable, must be removed prior to the demolition procedures.

Sample #	Description	Location	% asbestos	NESHAPS Classification	Condition	Estimated Quantity
1a	Brwn 12 x 12 flr tile	Basement bar area	ND/None detected	NA	NA	NA
1b	Brwn 12 x 12 flr tile	Basement bar area	ND	NA	NA	NA
1c	Brwn 12 x 12 flr tile	Basement bar area s	ND	NA	NA	NA
2a	Blue 12 x 12 flr tile	Basement bathrm	ND	NA	NA	NA
2b	Blue 12 x 12 flr tile	Basement bathrm	ND	NA	NA	NA
2c	Blue 12 x 12 flr tile	Basement bathrm	ND	NA	NA	NA
3a	White vinyl flooring	Bathrm 1 st flr	ND	NA	NA	NA
3b	White vinyl flooring	Bathrm 1 st flr	60	Nonfriable but will become regulated if significantly disturbed	good	70sq ft
3c	White vinyl flooring	Bathrm 1 st flr	ND	NA	NA	NA

Ironwood**Environmental Inc.**

4a	Ceramic tile grout	Shower	ND	NA	NA	NA
4b	Ceramic tile grout	Shower	ND	NA	NA	NA
4c	Ceramic tile grout	Shower	ND	NA	NA	Na
5a	Ceramic tile adhesive	Shower	ND	NA	NA	NA
5b	Ceramic tile adhesive	Shower	ND	NA	NA	NA
5c	Ceramic tile adhesive	Bar area	ND	NA	NA	NA
6a	Drywall / joint compound	Throughout	ND	NA	NA	NA
6b	Drywall / joint compound	Throughout	ND	NA	NA	NA
6c	Drywall / joint compound	Throughout	ND	NA	NA	NA
7a	Ceiling texture	Throughout	ND	NA	NA	NA
7b	Ceiling texture	Throughout	ND	NA	NA	NA
7c	Ceiling texture	Throughout	ND	NA	NA	NA
8a	Shingles 1 st layer	roof	ND	NA	NA	NA
8b	Shingles 1 st layer	roof	ND	NA	NA	NA
8c	Shingles 1 st layer	roof	ND	NA	NA	NA
9a	Shingles 2 nd layer	roof	ND	NA	NA	NA
9b	Shingles 2 nd layer	roof	ND	NA	NA	NA
9c	Shingles 2 nd layer	roof	ND	NA	NA	NA
10a	Felt paper	Roof	ND	NA	NA	NA
10b	Felt paper	Roof	ND	NA	NA	NA
10c	Felt paper	Roof	ND	NA	NA	NA

Abatement recommendations:

All abatement activities in Wisconsin must be performed by personnel accredited by EPA and licensed by DHS. All work practices must comply with applicable US/DNR, DHS and OSHA regs.

If roofing material were found to contain asbestos or assumed to contain asbestos, according to USEPA regulations, tar-impregnated roofing felts, asphalt shingles and mastics that are non-friable and will remain that way during demolition need not be abated prior to demolition or landfilled as acm. This does not include controlled burns. Asbestos floor tile may remain in the structure during demolition, however it must be undamaged prior to demolition and remain that way during demolition. In addition, if floor tile remains in the building during demolition all waste must be treated and landfilled according to NESHAPS regs as acm. Concrete coated with acm mastic may not be used as clean fill or recycled.

Hazardous materialsCFC's

none

Mercury

none

Lead

-possible lead containing painted surfaces throughout.

PCBs

-approx 36 CFL bulbs

Miscellaneous possible environmental issues

none

If you have any questions please do not hesitate to contact me. 815-378-6113

Thank you.

Respectfully Submitted,

Jeremy Bonacquisti
Ironwood Environmental Inc.

TEM Environmental

BULK ASBESTOS SAMPLE EVALUATION

POLARIZED LIGHT MICROSCOPY (PLM) TECHNIQUE NVLAP LAB CODE: 101130-0

Company Name: Ironwood Environmental Contact: Jeremy Bonacquisti Address: 3349 Carbineer Dr. Belvidere IL 61008-		Client Project Ref: MC 1826 Project Location: 615 W. Main, Waterford, WI TEM Project: 50618 Analyzed by: Lori Boersma Date Analyzed: 2/10/2016					
Sample Information		Fibrous Materials		Non-Fibrous Materials			
Client Sample ID	TEM ID	COLOR	ACM	Asbestos Fibers Type Percent	Non-Asbestos Fibers Type Percent	Filler Binder	Comments
1A 12x12 Fl. Tile - Bsmt. Bar	277184	Brown	N/D	Chrysotile Amosite	Cellulose Glass	90-100	SLM
1B 12x12 Fl. Tile - Bsmt. Bar	277185	Brown	N/D	Chrysotile Amosite	Cellulose Glass	90-100	SLM
1C 12x12 Fl. Tile - Bsmt. Bar	277186	Brown	N/D	Chrysotile Amosite	Cellulose Glass	90-100	SLM
2A 12x12 Fl. Tile - Bsmt. Bathrm.	277187	Blue	N/D	Chrysotile Amosite	Cellulose Glass	90-100	SLM
2B 12x12 Fl. Tile - Bsmt. Bathrm.	277188	Blue	N/D	Chrysotile Amosite	Cellulose Glass	90-100	SLM

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Key: ACM = Asbestos Containing Material as defined in USEPA NESHAP Regulation; TR = Trace; N/D = None Detected

Page 1 of 6

Jan Tynj

443 Duane Street, Glen Ellyn, Illinois 60137 Phone (630) 790-0880 Fax (630) 790-0882

Report Approved by:

TEM Environmental

BULK ASBESTOS SAMPLE EVALUATION

POLARIZED LIGHT MICROSCOPY (PLM) TECHNIQUE NVLAP LAB CODE: 101130-0

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Sample Information		Fibrous Materials		Non-Fibrous Materials		
Client Sample ID	TEM ID.	ACM	Asbestos Fibers	Non-Asbestos Fibers	Comments	
Description			Type	Type	Filler Binder	
2C 12x12 Fl. Tile - Bsmt. Bathrm.	277189	Blue	N/D	Chrysotile Amosite	Cellulose Glass	90-100 SLM
3A Vinyl Floor - Bathrm. 1st Fl.	277190	White	N/D	Chrysotile Amosite	Cellulose Glass	45-50 40-50 5-10
3B Vinyl Floor - Bathrm. 1st Fl.	277191	White	Yes	Chrysotile Amosite	Cellulose Glass	5-10 20-35
3C Vinyl Floor - Bathrm. 1st Fl.	277192	White		Chrysotile Amosite	Cellulose Glass	Not Analyzed
4A Ceramic Shower Tile Grout	277193	Gray	N/D	Chrysotile Amosite	Cellulose Glass	90-100

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TEM Environmental

BULK ASBESTOS SAMPLE EVALUATION

POLARIZED LIGHT MICROSCOPY (PLM) TECHNIQUE NVLAP LAB CODE: 101130-0

Company Name: Ironwood Environmental Contact: Jeremy Bonacquisti Address: 3349 Carbineer Dr. Belvidere IL 61008-		Client Project Ref: MC 1826 Project Location: 615 W. Main, Waterford, WI TEM Project: 50618 Analyzed by: Lori Boersma Date Analyzed: 2/10/2016					
Sample Information		Fibrous Materials		Non-Fibrous Materials			
Client Sample ID	TEM ID.	COLOR	ACM	Asbestos Fibers	Non-Asbestos Fibers	Filler	Comments
Description				Type	Type	Percent	
4B Ceramic Shower Tile Grout	277194	Gray	N/D	Chrysotile Amosite	Cellulose Glass	90-100	
4C Ceramic Shower Tile Grout	277195	Gray	N/D	Chrysotile Amosite	Cellulose Glass	90-100	
5A Ceramic Shower Tile Adhesive	277196	White	N/D	Chrysotile Amosite	Cellulose Glass	90-100	
5B Ceramic Shower Tile Adhesive	277197	White	N/D	Chrysotile Amosite	Cellulose Glass	90-100	
5C Ceramic Shower Tile Adhesive	277198	White	N/D	Chrysotile Amosite	Cellulose Glass	90-100	

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Page 3 of 6

Jan Young

443 Duane Street, Glen Ellyn, Illinois 60137 Phone (630) 790-0880 Fax (630) 790-0882

Report Approved by:

TEM Environmental

BULK ASBESTOS SAMPLE EVALUATION

POLARIZED LIGHT MICROSCOPY (PLM) TECHNIQUE NVLAP LAB CODE: 101130-0

Company Name: Ironwood Environmental Contact: Jeremy Bonacquisti Address: 3349 Carbineer Dr. Belvidere IL 61008-		Client Project Ref: MC 1826 Project Location: 615 W. Main, Waterford, WI TEM Project: 50618 Analyzed by: Lori Boersma Date Analyzed: 2/10/2016					
Sample Information		Fibrous Materials		Non-Fibrous Materials			
Client Sample ID	TEM ID.	COLOR	ACM	Asbestos Fibers	Non-Asbestos Fibers	Filler	Comments
Description				Type	Percent	Type	Percent
6A Drywall & Joint Compound	277199	White	N/D	Chrysotile Amosite		Cellulose Glass	1-2 98-99
6B Drywall & Joint Compound	277200	White	N/D	Chrysotile Amosite		Cellulose Glass	Trace 90-100
6C Drywall & Joint Compound	277201	White	N/D	Chrysotile Amosite		Cellulose Glass	Trace 90-100
7A Ceiling Texture	277202	White	N/D	Chrysotile Amosite		Cellulose Glass	90-100
7B Ceiling Texture	277203	White	N/D	Chrysotile Amosite		Cellulose Glass	90-100

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TEM Environmental

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POLARIZED LIGHT MICROSCOPY (PLM) TECHNIQUE NVLAP LAB CODE: 101130-0

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Sample Information		Fibrous Materials		Non-Fibrous Materials			
Client Sample ID	TEM ID	COLOR	ACM	Asbestos Fibers Type Percent	Non-Asbestos Fibers Type Percent	Filler Binder	Comments
7C Ceiling Texture	277204	White	N/D	Chrysotile Amosite	Cellulose Glass	90-100	
8A Roof Shingles - 1st Layer	277205	Black	N/D	Chrysotile Amosite	Cellulose Glass	70-80 20-30	
8B Roof Shingles - 1st Layer	277206	Black	N/D	Chrysotile Amosite	Cellulose Glass	70-80 20-30	
8C Roof Shingles - 1st Layer	277207	Black	N/D	Chrysotile Amosite	Cellulose Glass	70-80 20-30	
9A Roof Shingles - 2nd Layer	277208	Black	N/D	Chrysotile Amosite	Cellulose Glass	60-70 30-40	

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TEM Environmental

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POLARIZED LIGHT MICROSCOPY (PLM) TECHNIQUE NVLAP LAB CODE: 101130-0

Company Name: Ironwood Environmental Contact: Jeremy Bonacquisti Address: 3349 Carbineer Dr. Belvidere IL 61008-		Client Project Ref: MC 1826 Project Location: 615 W. Main, Waterford, WI 50618 TEM Project: 50618 Analyzed by: Lori Boersma Date Analyzed: 2/10/2016				
Sample Information			Fibrous Materials		Non-Fibrous Materials	
Client Sample ID	TEM ID	COLOR	ACM	Asbestos Fibers Type	Percent	Comments
9B Roof Shingles - 2nd Layer	277209	Black	N/D	Chrysotile Amosite	60-70	30-40
9C Roof Shingles - 2nd Layer	277210	Black	N/D	Chrysotile Amosite	60-70	30-40
10A Roof Felt Paper	277211	Black	N/D	Chrysotile Amosite	90-95	5-10
10B Roof Felt Paper	277212	Black	N/D	Chrysotile Amosite	90-95	5-10
10C Roof Felt Paper	277213	Black	N/D	Chrysotile Amosite	90-95	5-10

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Page 6 of 6

Jan Tynj

443 Duane Street, Glen Ellyn, Illinois 60137 Phone (630) 790-0880 Fax (630) 790-0882

Report Approved by:

1st Positive Stop on each group A-C

TEM, Incorporated

CHAIN OF CUSTODY REPORT

443 Duane Street
Glen Ellyn, IL 60137
(630) 790-0880
FAX (630) 790-0882

www.tem-inc.com

MC1826

CLIENT: IWE	Date: 2/2/16	TAT	6 HOUR	12 HOUR	24 HOUR	48 HOUR	72 HOUR	96 HOURS
Contact: Jeremy Bonagquist: JEREMY@TEM-INC.COM	E-Mail: JEREMY@TEM-INC.COM	Project Name/No.	615 W. Main Waterford W					
Address: 3349 Carbineer Drive		Results Due by: (Date & Time)						
City/State/Zip: Belvidere, IL 61008		TEM Project#: 50618						
Phone: 815-877-7547	FAX: 815-877-5905	NVLAP ID 101130	AIHA-PAT 101151		AIHA-AAR 101151			

Comments:		Po/Quote#:															Comments		
Client ID No.	Description	Sample Volume	TEM													Other			
			Bulk	Point Count	Gravimetric	AI-AHERA	AI-Other	Bulk	Chaffield	Water	Micro-Vac	PCM-Air	Other						
1A-C	12x12 ft RTL Duct Bar	130																	
2A-C	" " Bottom Box	35																	
3A-C	Vinyl floor tiles 1st flr	45																	
4A-C	Ceramic shower tile grout																		
5A-C	" " Adhesive																		
6A-C	Drywall 2nd imp																		
7A-C	Ceiling texture																		
8A-C	Roof shingles 1st layer																		
9A-C	" " 2nd "																		
10A-C	Roof Felt paper																		
11																			
12																			
13																			
14																			
15																			
16																			

RELINQUISHED (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)	DATE/TIME
			2-8-16
RELINQUISHED (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)	DATE/TIME
LOGGED IN BY (SIGNATURE)	DATE/TIME	ANALYZED BY (SIGNATURE)	DATE/TIME

Exhibits

ID 2250-12-22 – Parcel 3

Removal, Grading, Backfill

Location Map

Floor Plans – Site Diagram

Additional Information

Photos

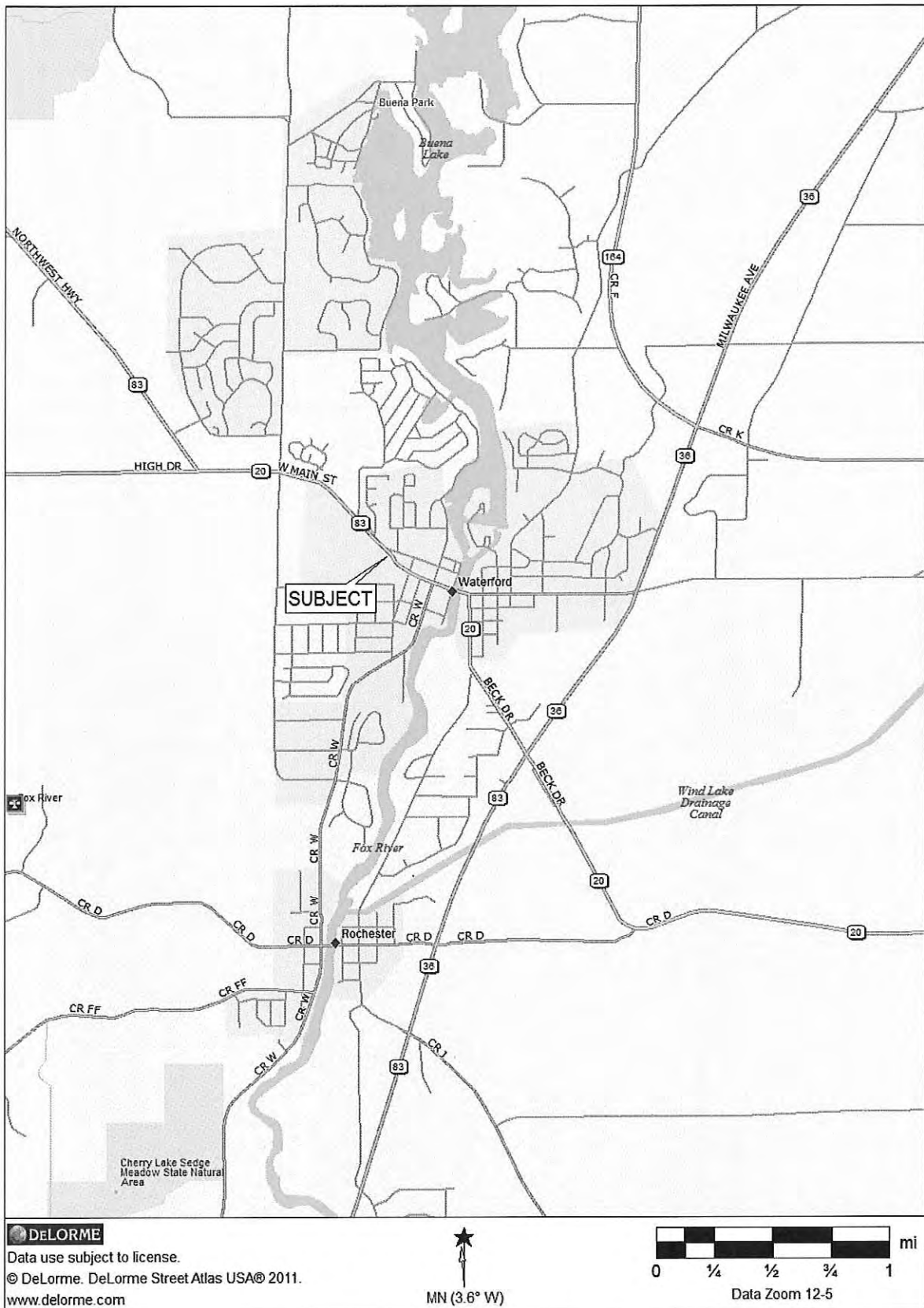
Asbestos Inspection and Abatement Report

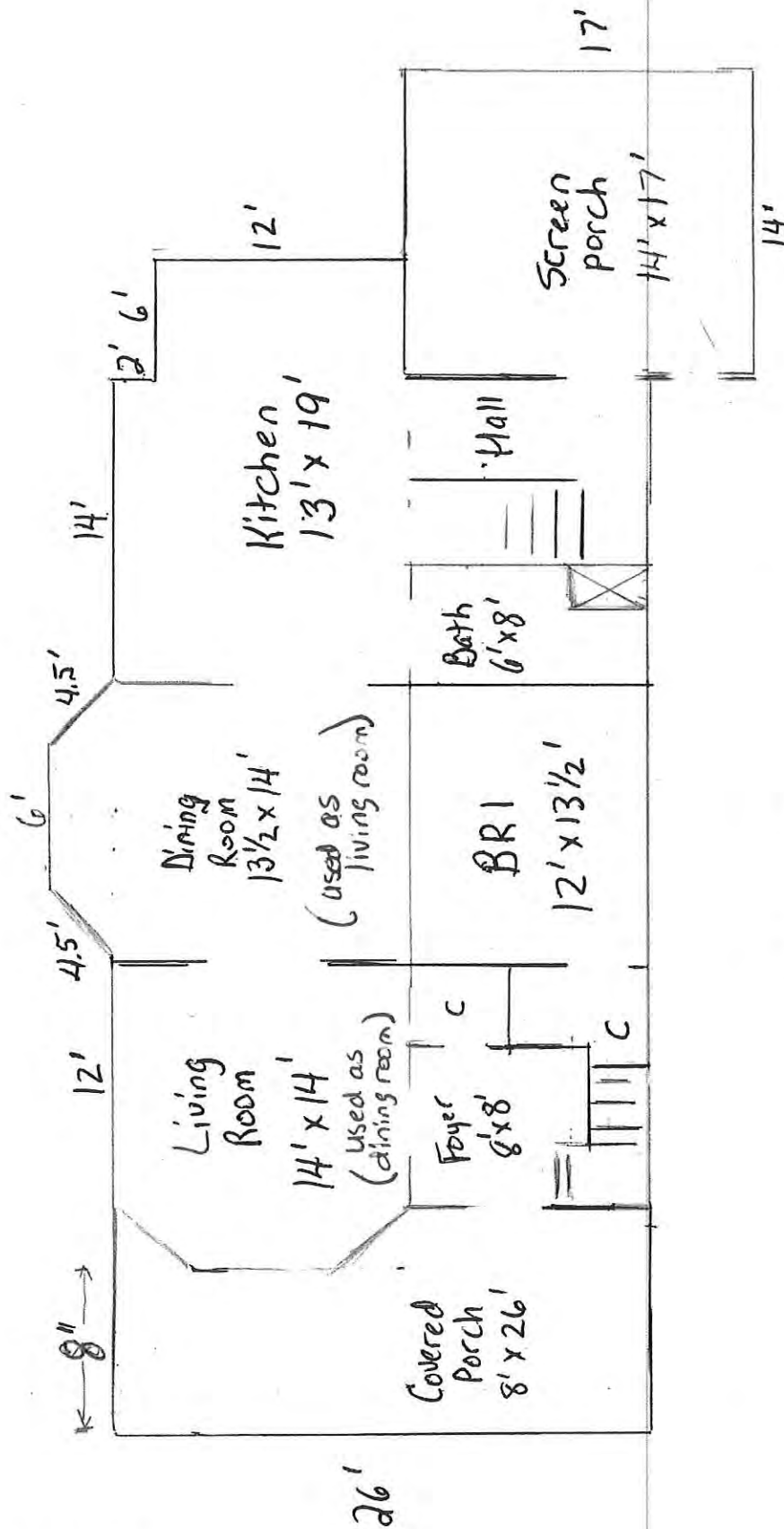
REMOVE: 2,002 SF single family residence of wood frame construction and a 1,024 SF partial basement with stone wall foundation. Exterior comprises of vinyl siding. Two car detached garage Concrete access walks, slabs and steps if applicable. Municipal water and sanitary sewer (water turned off at curb and meter pulled by Waterford Water & Sewer January 7th, 2016 (262) 534-3980). Concrete/asphalt paving areas (driveway/parking) may remain unless disturbed or damaged during demolition. *Note 1:* Deck and two wood sheds approximately 64 SF and 48 SF to be removed. *Note 2:* Remove and fill small decorative pond approximately 25 SF. *Note 3:* Pool has been removed from property.

GRADING: As directed by the State Department of Transportation inspector. Reference Special Provisions - Article 2 – Item #5. *Note:* Final grade, finish surface layer with approximate 2” depth of compacted crushed gravel, stone or concrete (dense grade ≤ 3 inch) over removal areas and any other areas disturbed during demolition.

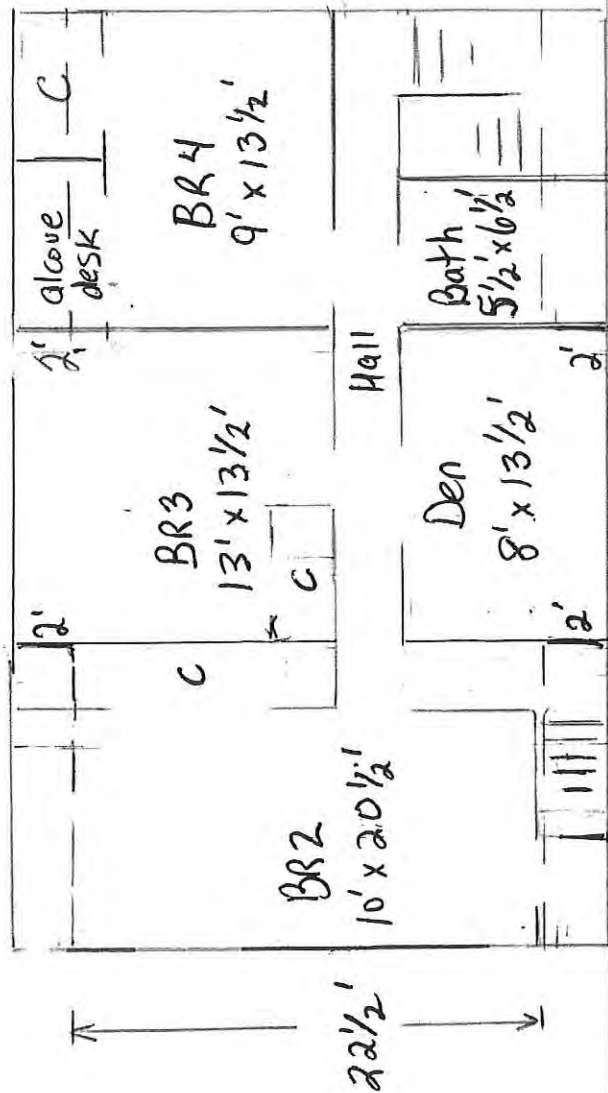
Floor Plan/Site Diagram – Following Page(s)

BACKFILL: Reference Special Provisions Article 21 and the *Special Requirements* under Article 2- Scope of Work, of these special Provisions. Septic Tank - Granular Material; Well - Concrete or Other Material Acceptable to Wisconsin Department of Natural Resources.





First Floor



Second / Half Story

First Floor Area

$$(12' + 3' + 3' + 6' + 14') \times 26'$$

$$6' \times 12'$$

$$6' \times 3' + 3' \times 3'$$

$$3' \times 3'$$

$$1096 \text{ sq ft}$$

Second Floor to 5' height

$$22.5' \times 14'$$

$$13.5' \times 26'$$

$$22.5' \times 13.5'$$

$$- 6' \times 3' \quad \text{stairs}$$

$$- 7' \times 6.5'$$

$$906 \text{ sq ft}$$

$$\text{Total sq ft}$$

$$1096 + 906$$

$$2002 \text{ sq ft}$$

Basement

$$\begin{array}{r} 1096 \text{ sq ft} \\ - 6' \times 12' \text{ Crawl space} \\ \hline 1024 \text{ sq ft} \end{array}$$

Crawl space

$$\begin{array}{r} 6' \times 12' \\ \hline 72 \text{ sq ft} \end{array}$$

2 car detached Garage

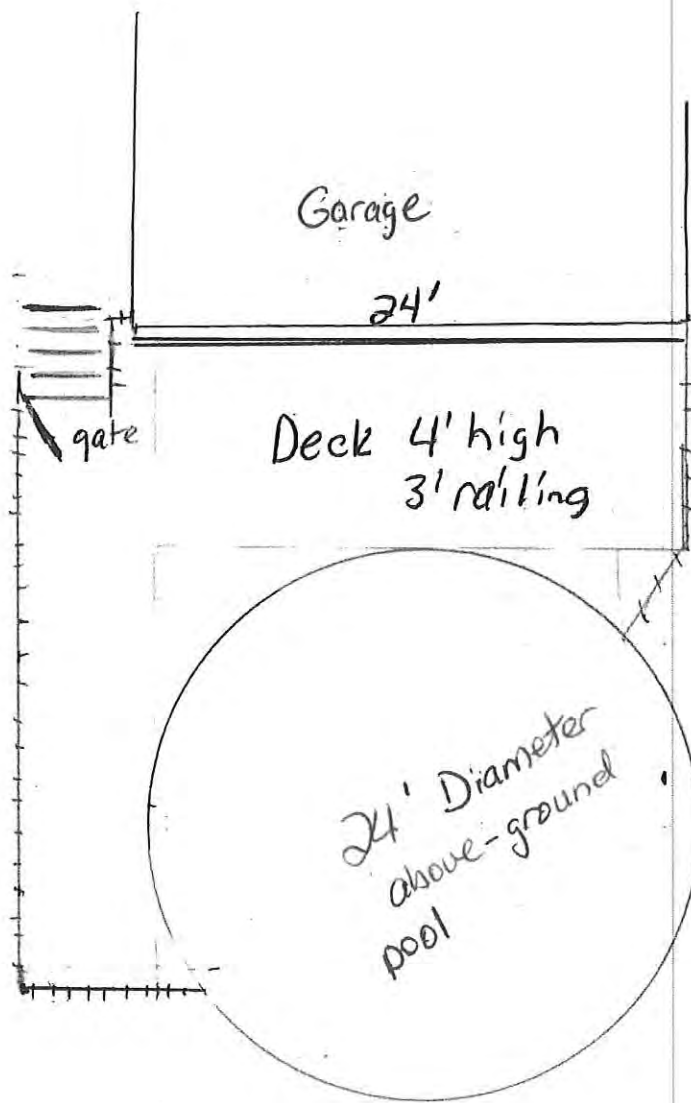
$$\begin{array}{r} 24' \times 30' \\ \hline 720 \text{ sq ft} \end{array}$$

Screen Porch

$$\begin{array}{r} 14' \times 17' \\ \hline 238 \text{ sq ft} \end{array}$$

Covered Porch

$$8' \times 26' = 208 \text{ sq ft}$$



Deck area

6' x 26'

2' x 3'

-- 23' x 10'

1/2 (3' x 2')

1/2 (8' x 8')

1/2 (6' x 4')

Project: 2250-12-222 (3' x 4')

445 #

say 450 #

IMPROVEMENT DESCRIPTION SUMMARY

Description of the Improvements

The following information is taken from assessment records and a physical inspection. The appraiser was not provided with any blueprints for the subject. The description below is intentionally brief and suitable for valuation purposes. Detailed site sketches are included in the Addenda.

Building:	Home has one bedroom on the first floor and three bedrooms and a den on the second floor. The home has two full baths, one on each floor. The first floor also includes an eat-in kitchen, dining room, living room, an entry with a staircase and a second staircase off of the kitchen. The stair case to the basement is located off of the back hall/mud room. The home has an attached screen porch on a concrete slab. The home has a detached two-car plus garage. The home has a partial basement that is under the entire home except the kitchen addition. A crawl space is located beneath the kitchen addition.
Year Built:	1901, per assessment records, indicating an age of about 114 years old. The kitchen addition is of unknown age.
Footings & Foundation:	Stone foundation with concrete skim coats through the years. Foundation under kitchen bump-out is poured concrete.
Framing:	Wood
Floor:	Wood joists and wood subfloor. Newly installed subfloor in dining room and living room.
Roof:	Asphalt shingle replaced about 2002. Roof over dining area bump out replaced with copper roof. New aluminum soffit, fascia, gutters, and downspouts. The appraiser did not inspect the attic.
Exterior Walls:	Newer vinyl siding.
Ceilings:	Painted drywall or plaster. Nine-foot ceiling on main level.
Interior Wall Finishes:	Complete removal of old plaster and installed new drywall in dining room and living room. Painted drywall or plaster. First floor bathroom has ceramic tile walls to four feet. Second floor bathroom has ceramic tile to about four feet, including around the bath tub.
Floor Finishes:	New hickory hard wood flooring in dining room and living room. Ceramic tile in kitchen and main floor bathroom. Original oak wood floor in main floor bedroom. Original pine wood floors in

	two second floor bedrooms (BR2 and BR3). Carpet in BR4. New wood laminate floor in den. Carpeted stairs and second floor hallway. Ceramic tile in back hall/mud room.
Electrical Service:	Adequate. Updated. All new electrical in living room and dining room.
Lighting:	Kitchen has updated hanging fixture, recessed can lights in dining area. Overhead ceiling fan with lights and two recessed lights in dining room. Kitchen dining area has newer metal chandelier. Bedrooms have a light and ceiling fan fixtures. Bathrooms and hallways have flush mounted fixtures. Hallway and bathrooms have flush mounted light.
Windows & Doors:	All new windows on lower level. Double hung, with fixed bay windows in bump outs and double hung on either side. One sliding window in main floor bedroom. Older but not original double hung on second floor in average condition. Wood hollow-core doors with wood trim. Vinyl storm door. New trim around windows in living room and dining room. Basement windows with metal wells. Windows of wood frame with metal storms.
Kitchen Finish:	Ceramic tile backsplash and ceramic tile counter top. Pine wood custom cabinets dating perhaps from the 1980s. Dishwasher. Enamel cast iron sink and newer faucet. Built-in vent hood.
Bathroom Finish:	Main floor - Fiberglass shower surround with a plastic door. Wood cabinets from the 1980s. Ceramic tile counter top with one vitreous china sink. Second floor - Ceramic tile around enameled cast iron tub. No shower. One wall mounted vitreous china sink.
Mechanicals:	Gas fired boiler, very old but maintained with a newer pump. Upright radiators. 40-gallon gas water heater. Water softener is owned. Sump pump in northeast corner of basement. Window air conditioners are personal property.
Main Floor Amenities:	Two staircases to second floor, Hickory flooring in living room and dining room.
Front Covered Porch:	Concrete floor over concrete block foundation. Newer painted wood railings. Wood posts. Painted wood tongue and groove ceiling. Eight feet wide by 26 feet long. Older painted wood porch swing on chain cabling.
Screen porch:	238 square feet. Concrete slab, plywood base to three feet with screens in wood frames above. Exposed wood joist ceiling.

Personal Property:	Refrigerator, range/stove, dishwasher, washer and dryer, microwave, and two window air conditioners. These items are not included in the appraisal as they are considered personal property.
Unfinished Basement:	Basement hook-ups with one fiberglass laundry sink.
Finished Basement:	One room of the basement has ceramic tile floor and part of the walls. According to the current owner, a previous owner was a tiler and placed "extra" tiles in the basement.
Garage:	Two-car plus detached with two single entry overhead garage doors with openers. 720 square feet. One pedestrian door. Loft/attic in garage accessed by hatch. Finished with unfinished drywall. Built-in wood upper cabinets and one wood work bench in fair condition. Gas fired furnace in garage attic – Not inspected. Furnace may not be operational. Separate electrical 240 volt.

Site Improvements include the following:

- 24-foot diameter above-ground pool with 60 gallon per minute pool pump/filter (AO Smith).
- Wood deck of 450 square feet around pool with built-in benches, railing and steps Particle board A-frame shed of eight feet by eight feet.
- Wood shed with potting bench six feet by eight feet.
- Wood A-frame shed of eight feet by eight feet.
- Front concrete sidewalk of about 42 feet long (excluding two feet that encroaches) with one step north of the public sidewalk and three steps up to porch. Total of about 105 square feet.
- Asphalt driveway resealed by current owners of about 1,233 square feet.
- Concrete driveway three feet wide in front of garage doors, and along west side to pedestrian door. Total of about 102 square feet.
- Ten feet of concrete sidewalk from garage pedestrian door to pool deck
- About 21 concrete textured pavers (16-feet long total length) to east of eastern side of screened porch
- 46 feet (excluding 6.5 feet that encroaches) of one to five-course high wood timber retaining wall along east lot line starting at right-of-way line.

Landscaping includes the following:

The back yard includes:

- Three Spirea and one upright Yew along the back of the screen porch
- 16 feet of concrete decorative block planting bed border three courses high with three rose bushes and wood mulch along back of kitchen bump out

SUBJECT PHOTOS



North elevation



North and west elevations



West elevation



South elevation



East elevation



View south along driveway.



View northwest from side yard



View east across front yard from front sidewalk.



View north toward Main Street



Kitchen



Kitchen



Dining room



Kitchen dining area



Living room



First floor bathroom



First floor bedroom (BR1)



First floor bedroom (BR1)



Foyer



Front second floor bedroom (BR2)



Front second floor bedroom (BR2)



East side bedroom (BR2)



East side bedroom (BR2)



Second floor bathroom



South side bedroom (BR3)



Second floor hallway



Back lower hall/mud room. Back stairs to second floor to right



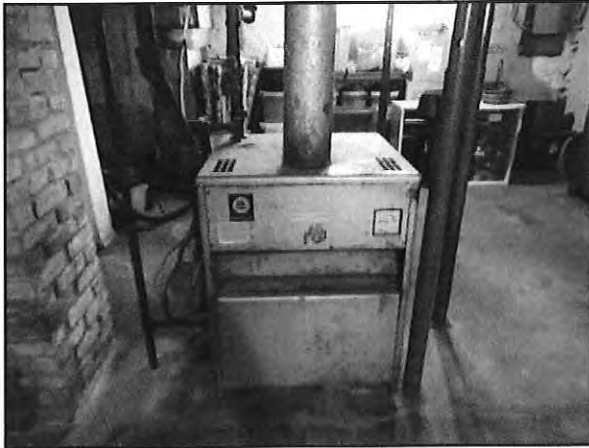
Back stairway to second floor



Laundry area in basement



Laundry sink and water softener



Gas fired boiler for hot water heat



Electrical box



Basement. Sump pump under counter



Water heater



Screened porch



Screened porch



Garage



Inside garage



Garage front



Built-in cabinets inside garage.



Inside garage



West side shed in back yard



Inside west side shed



East side shed in back yard



Inside east side shed



Front porch



Swing on front porch



Landscaping/back walkway



Window well west side of home



Wood timber retaining wall east side of driveway



Solar landscaping light



Deck around pool



Pool equipment



Pool in back of garage



Back yard



Pond



View north along western lot line from back side of screened porch.
Note school parking lot to left.

NESHAPS Asbestos Building Inspection



605 W. Main St. Waterford, WI

Prepared for:

Wisconsin DOT DTSD

SE Region

Mr. Mike Jenders

14 NW Barstow St./PO Box 798

Waukesha, WI. 53187-0798

Phone 262-548-5937

E-mail Michael.Jenders@dot.wi.gov

Prepared by:

Ironwood Environmental Inc.

3349 Carbineer Dr.

Belvidere, IL. 61008

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Ironwood
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Ironwood

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Mr. Mike Jenders

2/11/16

Re: NESHAPS Pre-demo asbestos building inspection of 605 W Main st. Waterford, WI.

Ironwood Environmental Inc. is pleased to have had the opportunity to complete the NESHAPS pre demolition asbestos building inspection for the property listed above. Jeremy Bonacquisti, IL. asbestos building inspector # 100-6296 and WI ASC-102179, has completed a non-destructive asbestos building inspection at the request of the Mr. Mike Jenders with Wisconsin DOT @ the property listed above. The inspection was completed in compliance with DNR regulations under NESHAPS CFR 763.86, for the purpose of demolition. Ironwood is not responsible for the presence of acbms existing in undetectable places, such as false walls, pipe chase, etc. All asbestos quantities are estimates. It is the responsibility of the bidding contractor to field verify all quantities. Samples were collected and sent to TEM, an independent EPA / NVLAP approved lab, for PLM determination of the presence of asbestos, "Please refer to TEM report for results, methods, credentials and contacts".

When preparing for asbestos abatement it is important to determine if the asbestos containing materials (ACMs) are friable or non-friable. Friability is the degree to which a solid substance can be broken up into smaller pieces with a minimum of effort. In the case of asbestos, friable usually refers to whether the mineral can be broken down by a human hand. Friable asbestos materials are the ones that are most dangerous. They easily release asbestos fibers into the air, and these fibers pose a significant health risk to anyone nearby. Non-friable asbestos, on the other hand, is less likely to release fibers. Roofing material, for example, is a non-friable asbestos-containing material because the asbestos fibers are bound or locked into place. Non-friable asbestos is still a health risk, as it can be made friable if damaged or altered. To further differentiate the potential risks associated with ACMs, the EPA divides non-friable asbestos into two subcategories:

Category I Non-Friable: Includes non-friable materials which are unlikely to be made friable, due to a strong interlocking material which binds the fibers. These materials should only be removed during demolition if they are in very poor condition. Examples include vinyl floor coverings, vinyl asbestos tile, asphalt roofing products and gaskets.

Category II Non-Friable: Includes all non-friable materials which are not Category I. These materials are more likely to be made friable, as they are not resistant to weathering or crushing forces and may be subjected to extreme conditions or excessive use. Examples include cement siding, transite board shingles and concrete-like products.

Regulated Asbestos-Containing Material

(RACM) Federal regulatory agencies such as the EPA consider the following asbestos materials to be potentially dangerous and thus subject to regulations during the removal or renovation process:

Regulated Asbestos-Containing Material

- All friable ACMs
- Category I non-friable materials which have become friable
- Category I non-friable materials which have been subjected to sanding, grinding, cutting, etc.
- Category II non-friable materials with a high probability of becoming friable during renovation or demolition

If a facility or home will be demolished by burning, all asbestos material, whether it is friable or non-friable, must be removed prior to the demolition procedures.

Sample #	Description	Location	% asbestos	NESHAPS Classification	Condition	Estimated Quantity
1a	Beige vinyl flr	Foyer closet	ND/None detected	NA	NA	NA
1b	Beige vinyl flr	Foyer closet	ND	NA	NA	NA
1c	Beige vinyl flr	Foyer closet	ND	NA	NA	NA
2a	Ceramic flr tile grout	Foyer	ND	NA	NA	NA
2b	Ceramic flr tile grout	Foyer	ND	NA	NA	NA
2c	Ceramic flr tile grout	Foyer	ND	NA	NA	NA
3a	Ceramic flr tile adhesive	Foyer	ND	NA	NA	NA
3b	Ceramic flr tile adhesive	Foyer	ND	NA	NA	NA
3c	Ceramic flr tile adhesive	Foyer	ND	NA	NA	NA

4a	Wall tile grout	Kitchen	ND	NA	NA	NA
4b	Wall tile grout	Kitchen	ND	NA	NA	NA
4c	Wall tile grout	Kitchen	ND	NA	NA	Na
5a	Wall tile adhesive	Kitchen	ND	NA	NA	NA
5b	Wall tile adhesive	Kitchen	ND	NA	NA	NA
5c	Wall tile adhesive	Kitchen	ND	NA	NA	NA
6a	Floor tile grout	1 st flr bath	ND	NA	NA	NA
6b	Floor tile grout	1 st flr bath	ND	NA	NA	NA
6c	Floor tile grout	1 st flr bath	ND	NA	NA	NA
7a	Floor tile adhsv	1 st flr bath	ND	NA	NA	NA
7b	Floor tile adhsv	1 st flr bath	ND	NA	NA	NA
7c	Floor tile adhsv	1 st flr bath	ND	NA	NA	NA
8a	Hot h2o chimney exhaust mud	Basement	ND	NA	NA	NA
8b	Hot h2o chimney exhaust mud	Basement	ND	NA	NA	NA
8c	Hot h2o chimney exhaust mud	Basement	ND	NA	NA	NA
9a	Floor tile grout	Basement	ND	NA	NA	NA
9b	Floor tile grout	Basement	ND	NA	NA	NA
9c	Floor tile grout	Basement	ND	NA	NA	NA
10a	Floor tile adhsv	Basement	ND	NA	NA	NA
10b	Floor tile adhsv	Basement	ND	NA	NA	NA
10c	Floor tile adhsv	Basement	ND	NA	NA	NA

11a	Floor tile grout	bsmnt stairs	ND	NA	NA	NA
11b	Floor tile grout	bsmnt stairs	ND	NA	NA	NA
11c	Floor tile grout	bsmnt stairs	ND	NA	NA	Na
12a	Floor tile adhesive	bsmnt stairs	ND	NA	NA	NA
12b	Floor tile adhesive	bsmnt stairs	ND	NA	NA	NA
12c	Floor tile adhesive	bsmnt stairs	ND	NA	NA	NA
13a	Floor tile grout	kitchen	ND	NA	NA	NA
13b	Floor tile grout	kitchen	ND	NA	NA	NA
13c	Floor tile grout	kitchen	ND	NA	NA	NA
14a	Floor tile adhsv	kitchen	ND	NA	NA	NA
14b	Floor tile adhsv	kitchen	ND	NA	NA	NA
14c	Floor tile adhsv	kitchen	ND	NA	NA	NA
15a	Plaster walls	Throughout	ND	NA	NA	NA
15b	Plaster walls	Throughout	ND	NA	NA	NA
15c	Plaster walls	Throughout	ND	NA	NA	NA
16a	Gypsum walls	Throughout	ND	NA	NA	NA
16b	Gypsum walls	Throughout	ND	NA	NA	NA
16c	Gypsum walls	Throughout	ND	NA	NA	NA
17a	Floor tile adhsv	2 nd flr bath	ND	NA	NA	NA
17b	Floor tile adhsv	2 nd flr bath	ND	NA	NA	NA
17c	Floor tile adhsv	2 nd flr bath	ND	NA	NA	NA
18a	Floor tile grout	2 nd flr bath	ND	NA	NA	NA
18b	Floor tile grout	2 nd flr bath	ND	NA	NA	NA
18c	Floor tile grout	2 nd flr bath	ND	NA	NA	Na
19a	Wall tile adhsv	2 nd flr bath	ND	NA	NA	NA
19b	Wall tile adhsv	2 nd flr bath	ND	NA	NA	NA
19c	Wall tile adhsv	2 nd flr bath	ND	NA	NA	NA
20a	Wall tile grout	2 nd flr bath	ND	NA	NA	NA
20b	Wall tile grout	2 nd flr bath	ND	NA	NA	NA
20c	Wall tile grout	2 nd flr bath	ND	NA	NA	NA
21a	Blown insulation	Attic	ND	NA	NA	NA
21b	Blown insulation	Attic	ND	NA	NA	NA
21c	Blown insulation	Attic	ND	NA	NA	NA

22a	Shingles	Roof	ND	NA	NA	NA
22b	Shingles	Roof	ND	NA	NA	NA
22c	Shingles	Roof	ND	NA	NA	NA
23a	Felt paper	Roof	ND	NA	NA	NA
23b	Felt paper	Roof	ND	NA	NA	NA
23c	Felt paper	Roof	ND	NA	NA	NA
21a	Blown insulation	Attic	ND	NA	NA	NA
21b	Blown insulation	Attic	ND	NA	NA	NA
21c	Blown insulation	Attic	ND	NA	NA	NA

Abatement recommendations:

All abatement activities in Wisconsin must be performed by personnel accredited by EPA and licensed by DHS. All work practices must comply with applicable US/DNR, DHS and OSHA regs.

If roofing material were found to contain asbestos or assumed to contain asbestos, according to USEPA regulations, tar-impregnated roofing felts, asphalt shingles and mastics that are non-friable and will remain that way during demolition need not be abated prior to demolition or landfilled as acm. This does not include controlled burns. Asbestos floor tile may remain in the structure during demolition, however it must be undamaged prior to demolition and remain that way during demolition. In addition, if floor tile remains in the building during demolition all waste must be treated and landfilled according to NESHAPS regs as acm. Concrete coated with acm mastic may not be used as clean fill or recycled.

Hazardous materialsCFC's

none

Mercury

none

Lead

-possible lead containing painted surfaces throughout.

PCBs

-approx 18 CFL bulbs

Miscellaneous possible environmental issues

none

If you have any questions please do not hesitate to contact me. 815-378-6113

Thank you.

Respectfully Submitted,

Jeremy Bonacquisti
Ironwood Environmental Inc.

TEM Environmental

BULK ASBESTOS SAMPLE EVALUATION

POLARIZED LIGHT MICROSCOPY (PLM) TECHNIQUE NVLAP LAB CODE: 101130-0

Company Name: Ironwood Environmental Contact: Jeremy Bonacquisti Address: 3349 Carbineer Dr. Belvidere IL 61008-		Client Project Ref: MC 1825 Project Location: 605 W. Main, Waterford, WI TEM Project: 50617 Analyzed by: Lori Boersma Date Analyzed: 2/9/2016					
Sample Information		Fibrous Materials		Non-Fibrous Materials			
Client Sample ID	TEM ID.	COLOR	ACM	Asbestos Fibers Type Percent	Non-Asbestos Fibers Type Percent	Filler Binder	Comments
1A Vinyl Floor - Foyer Closet	277115	Beige	N/D	Chrysotile Amosite	35-40 10-15	45-55	
1B Vinyl Floor - Foyer Closet	277116	Beige	N/D	Chrysotile Amosite	35-40 10-15	45-55	
1C Vinyl Floor - Foyer Closet	277117	Beige	N/D	Chrysotile Amosite	35-40 10-15	45-55	
2A Ceramic Tile Grout - Foyer	277118	Gray	N/D	Chrysotile Amosite		90-100	
2B Ceramic Tile Grout - Foyer	277119	Gray	N/D	Chrysotile Amosite		90-100	

Samples were analyzed following the procedures contained in the EPA Method 600/R-93/116, July 1993. This report applies only to samples tested.

SLM: The optical resolution of polarized light microscopy limits the size of fibers that are visible. In samples where very small fibers may be present, the asbestos fibers may be smaller than the resolution limit of a polarized light microscope. In those cases, the result of the PLM analysis is not conclusive where the sample is reported as non-asbestos. Samples that are expected to contain small fibers (such as floor tile samples and vermiculite) and that are reported as non-asbestos by PLM should be further analyzed by transmission electron microscopy. This report may not be reproduced except in full and with the approval of the Laboratory. This report may not be used by the client to claim product endorsement by NVLAP or any agency of the US government. An estimate of the laboratory uncertainty is available upon request.

Key: ACM = Asbestos Containing Material as defined in USEPA NESHAP Regulation; TR = Trace; N/D = None Detected

Page 1 of 14



Report Approved by:

443 Duane Street, Glen Ellyn, Illinois 60137 Phone (630) 790-0880 Fax (630) 790-0882

TEM Environmental

BULK ASBESTOS SAMPLE EVALUATION

POLARIZED LIGHT MICROSCOPY (PLM) TECHNIQUE

NVLAP LAB CODE: 101130-0

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Sample Information		Fibrous Materials		Non-Fibrous Materials			
Client Sample ID	TEM ID.	COLOR	ACM	Asbestos Fibers Type Percent	Non-Asbestos Fibers Type Percent	Filler Binder	Comments
2C Ceramic Tile Grout - Foyer	277120	Gray	N/D	Chrysotile Amosite	Cellulose Glass	90-100	
3A Ceramic Tile Adhesive - Foyer	277121	Gray	N/D	Chrysotile Amosite	Cellulose Glass	90-100	
3B Ceramic Tile Adhesive - Foyer	277122	Gray	N/D	Chrysotile Amosite	Cellulose Glass	90-100	
3C Ceramic Tile Adhesive - Foyer	277123	Gray	N/D	Chrysotile Amosite	Cellulose Glass	90-100	
4A Wall Tile Grout - Kitchen	277124	White	N/D	Chrysotile Amosite	Cellulose Glass	90-100	

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Jan Tynj

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TEM Environmental

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Sample Information		Fibrous Materials		Non-Fibrous Materials			
Client Sample ID	TEM ID.	COLOR	ACM	Asbestos Fibers Type Percent	Non-Asbestos Fibers Type Percent	Filler Binder	Comments
4B Wall Tile Grout - Kitchen	277125	White	N/D	Chrysotile Amosite	Cellulose Glass	90-100	
4C Wall Tile Grout - Kitchen	277126	White	N/D	Chrysotile Amosite	Cellulose Glass	1-2 98-99	
5A Wall Tile Adhesive - Kitchen	277127	Yellow	N/D	Chrysotile Amosite	Cellulose Glass	90-100	
5B Wall Tile Adhesive - Kitchen	277128	Yellow	N/D	Chrysotile Amosite	Cellulose Glass	90-100	
5C Wall Tile Adhesive - Kitchen	277129	Yellow	N/D	Chrysotile Amosite	Cellulose Glass	90-100	

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Sample Information		Fibrous Materials		Non-Fibrous Materials			
Client Sample ID	TEM ID	COLOR	ACM	Asbestos Fibers Type Percent	Non-Asbestos Fibers Type Percent	Filler Binder	Comments
6A Fl. Tile Grout - 1st Bath	277130	Brown	N/D	Chrysotile Amosite	Cellulose Glass	90-100	
6B Fl. Tile Grout - 1st Bath	277131	Brown	N/D	Chrysotile Amosite	Cellulose Glass	90-100	
6C Fl. Tile Grout - 1st Bath	277132	Brown	N/D	Chrysotile Amosite	Cellulose Glass	90-100	
7A Fl. Tile Adhesive - 1st Bath	277133	Gray	N/D	Chrysotile Amosite	Cellulose Glass	Trace 90-100	
7B Fl. Tile Adhesive - 1st Bath	277134	Gray	N/D	Chrysotile Amosite	Cellulose Glass	90-100	

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TEM Environmental

BULK ASBESTOS SAMPLE EVALUATION

POLARIZED LIGHT MICROSCOPY (PLM) TECHNIQUE

NVLAP LAB CODE: 101130-0

Company Name: Ironwood Environmental
Contact: Jeremy Bonacquisti
Address: 3349 Carbineer Dr.
 Belvidere IL 61008-

Client Project Ref: MC 1825
Project Location: 605 W. Main, Waterford, WI
TEM Project: 50617
Analyzed by: Lori Boersma
Date Analyzed: 2/9/2016

Sample Information			Fibrous Materials			Non-Fibrous Materials	
Client Sample ID	TEM ID	COLOR	ACM	Asbestos Fibers Type	Percent	Non-Asbestos Fibers Type	Percent
Description						Filler	Comments
7C Fl. Tile Adhesive - 1st Bath	277135	Gray	N/D	Chrysotile Amosite		Cellulose Glass	90-100
8A Hot H2O Exhaust Mud @ Chimney	277136	Gray	N/D	Chrysotile Amosite		Cellulose Glass	90-100
8B Hot H2O Exhaust Mud @ Chimney	277137	Gray	N/D	Chrysotile Amosite		Cellulose Glass	90-100
8C Hot H2O Exhaust Mud @ Chimney	277138	Gray	N/D	Chrysotile Amosite		Cellulose Glass	90-100
9A Ceramic Tile Grout - Basement	277139	Gray	N/D	Chrysotile Amosite		Cellulose Glass	90-100

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TEM Environmental

BULK ASBESTOS SAMPLE EVALUATION

POLARIZED LIGHT MICROSCOPY (PLM) TECHNIQUE NVLAP LAB CODE: 101130-0

Company Name: Ironwood Environmental Contact: Jeremy Bonaquisti Address: 3349 Carbineer Dr. Belvidere IL 61008-		Client Project Ref: MC 1825 Project Location: 605 W. Main, Waterford, WI TEM Project: 50617 Analyzed by: Lori Boersma Date Analyzed: 2/9/2016							
Sample Information		Fibrous Materials		Non-Fibrous Materials					
Client Sample ID	TEM ID	COLOR	ACM	Asbestos Fibers Type	Percent	Non-Asbestos Fibers Type	Percent	Filler	Comments
9B Ceramic Tile Grout - Basement	277140	Gray	N/D	Chrysotile Amosite		Cellulose Glass		90-100	
9C Ceramic Tile Grout - Basement	277141	Gray	N/D	Chrysotile Amosite		Cellulose Glass		90-100	
10A Ceramic Tile Adhesive - Bsmt.	277142	Gray	N/D	Chrysotile Amosite		Cellulose Glass	Trace	90-100	
10B Ceramic Tile Adhesive - Bsmt.	277143	Gray	N/D	Chrysotile Amosite		Cellulose Glass		90-100	
10C Ceramic Tile Adhesive - Bsmt.	277144	Gray	N/D	Chrysotile Amosite		Cellulose Glass		90-100	

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Company Name: Ironwood Environmental
Contact: Jeremy Bonacquisti
Address: 3349 Carbineer Dr.
 Belvidere IL 61008-

Client Project Ref: MC 1825
Project Location: 605 W. Main, Waterford, WI
TEM Project: 50617
Analyzed by: Lori Boersma
Date Analyzed: 2/9/2016

Sample Information			Fibrous Materials			Non-Fibrous Materials	
Client Sample ID	TEM ID.	COLOR	ACM	Asbestos Fibers Type	Percent	Non-Asbestos Fibers Type	Percent
Description							
11A Tile Grout - Basement Stairs	277145	Brown	N/D	Chrysotile Amosite		Cellulose Glass	90-100
11B Tile Grout - Basement Stairs	277146	Brown	N/D	Chrysotile Amosite		Cellulose Glass	90-100
11C Tile Grout - Basement Stairs	277147	Brown	N/D	Chrysotile Amosite		Cellulose Glass	90-100
12A Tile Adhesive - Bsmt. Stairs	277148	Gray	N/D	Chrysotile Amosite		Cellulose Glass	90-100
12B Tile Adhesive - Bsmt. Stairs	277149	Gray	N/D	Chrysotile Amosite		Cellulose Glass	98-99

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Jan Tjeng

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BULK ASBESTOS SAMPLE EVALUATION

POLARIZED LIGHT MICROSCOPY (PLM) TECHNIQUE NVLAP LAB CODE: 101130-0

Company Name: Ironwood Environmental
 Contact: Jeremy Bonacquisti
 Address: 3349 Carbineer Dr.
 Belvidere IL 61008-

Client Project Ref: MC 1825
 Project Location: 605 W. Main, Waterford, WI
 TEM Project: 50617
 Analyzed by: Lori Boersma
 Date Analyzed: 2/9/2016

Sample Information			Fibrous Materials			Non-Fibrous Materials	
Client Sample ID	TEM ID.	COLOR	ACM	Asbestos Fibers Type	Percent	Non-Asbestos Fibers Type	Percent
Description						Filler	Binder
12C Tile Adhesive - Bsmt. Stairs	277150	Gray	N/D	Chrysotile Amosite	1-2	Cellulose Glass	98-99
13A Fl. Tile Grout - Kitchen	277151	Gray	N/D	Chrysotile Amosite		Cellulose Glass	90-100
13B Fl. Tile Grout - Kitchen	277152	Gray	N/D	Chrysotile Amosite		Cellulose Glass	90-100
13C Fl. Tile Grout - Kitchen	277153	Gray	N/D	Chrysotile Amosite		Cellulose Glass	90-100
14A Fl. Tile Adhesive - Kitchen	277154	Yellow	N/D	Chrysotile Amosite	10-15	Cellulose Glass	85-90

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Jan Tynj

Report Approved by:

443 Duane Street, Glen Ellyn, Illinois 60137 Phone (630) 790-0880 Fax (630) 790-0882

TEM Environmental

BULK ASBESTOS SAMPLE EVALUATION

POLARIZED LIGHT MICROSCOPY (PLM) TECHNIQUE NVLAP LAB CODE: 101130-0

Company Name: Ironwood Environmental Contact: Jeremy Bonaquisti Address: 3349 Carbineer Dr. Belvidere IL 61008-		Client Project Ref: MC 1825 Project Location: 605 W. Main, Waterford, WI TEM Project: 50617 Analyzed by: Lori Boersma Date Analyzed: 2/9/2016					
Sample Information		Fibrous Materials		Non-Fibrous Materials			
Client Sample ID	TEM ID.	COLOR	ACM	Asbestos Fibers Type Percent	Non-Asbestos Fibers Type Percent	Filler Binder	Comments
14B Fl. Tile Adhesive - Kitchen	277155	Yellow	N/D	Chrysotile Amosite	Cellulose Glass	10-15 85-90	
14C Fl. Tile Adhesive - Kitchen	277156	Yellow	N/D	Chrysotile Amosite	Cellulose Glass	10-15 85-90	
15A Plaster Walls	277157	Gray	N/D	Chrysotile Amosite	Cellulose Glass	1-2 98-99	
15B Plaster Walls	277158	Gray	N/D	Chrysotile Amosite	Cellulose Glass	Trace 90-100	
15C Plaster Walls	277159	Gray	N/D	Chrysotile Amosite	Cellulose Glass	90-100	

Samples were analyzed following the procedures contained in the EPA Method 600/R-93/116, July 1993. This report applies only to samples tested.

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TEM Environmental

BULK ASBESTOS SAMPLE EVALUATION

POLARIZED LIGHT MICROSCOPY (PLM) TECHNIQUE NVLAP LAB CODE: 101130-0

Company Name: Ironwood Environmental Contact: Jeremy Bonacquisti Address: 3349 Carbineer Dr. Belvidere IL 61008-		Client Project Ref: MC 1825 Project Location: 605 W. Main, Waterford, WI 50617 TEM Project: 50617 Analyzed by: Lori Boersma Date Analyzed: 2/9/2016				
Sample Information			Fibrous Materials		Non-Fibrous Materials	
Client Sample ID	TEM ID.	COLOR	ACM	Asbestos Fibers Type Percent	Non-Asbestos Fibers Type Percent	Comments Filler Binder
16A Gypsum Walls	277160	White	N/D	Chrysotile Amosite	Cellulose Glass 1-2	98-99
16B Gypsum Walls	277161	White	N/D	Chrysotile Amosite	Cellulose Glass 1-2	98-99
16C Gypsum Walls	277162	White	N/D	Chrysotile Amosite	Cellulose Glass 1-2 1-2	96-98
17A Floor Tile Adhesive - Bath	277163	Yellow/Gray	N/D	Chrysotile Amosite	Cellulose Glass 10-20	80-90
17B Floor Tile Adhesive - Bath	277164	Yellow/Gray	N/D	Chrysotile Amosite	Cellulose Glass 10-20	80-90

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POLARIZED LIGHT MICROSCOPY (PLM) TECHNIQUE NVLAP LAB CODE: 101130-0

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Sample Information		Fibrous Materials		Non-Fibrous Materials			
Client Sample ID	TEM ID	COLOR	ACM	Asbestos Fibers Type Percent	Non-Asbestos Fibers Type Percent	Filler Binder	Comments
17C Floor Tile Adhesive - Bath	277165	Yellow/Gray	N/D	Chrysotile Amosite	Cellulose Glass	10-20	80-90
18A Floor Tile Grout - Bath	277166	Gray	N/D	Chrysotile Amosite	Cellulose Glass	90-100	
18B Floor Tile Grout - Bath	277167	Gray	N/D	Chrysotile Amosite	Cellulose Glass	90-100	
18C Floor Tile Grout - Bath	277168	Gray	N/D	Chrysotile Amosite	Cellulose Glass	90-100	
19A Wall Tile Adhesive - Bath	277169	Brown	N/D	Chrysotile Amosite	Cellulose Glass	90-100	

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Jan Tyni

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BULK ASBESTOS SAMPLE EVALUATION

POLARIZED LIGHT MICROSCOPY (PLM) TECHNIQUE NVLAP LAB CODE: 101130-0

Company Name: Ironwood Environmental Contact: Jeremy Bonacquisti Address: 3349 Carbineer Dr. Belvidere IL 61008-		Client Project Ref: MC 1825 Project Location: 605 W. Main, Waterford, WI TEM Project: 50617 Analyzed by: Lori Boersma Date Analyzed: 2/9/2016					
Sample Information		Fibrous Materials		Non-Fibrous Materials			
Client Sample ID	TEM ID.	COLOR	ACM	Asbestos Fibers Type Percent	Non-Asbestos Fibers Type Percent	Filler Binder	Comments
19B Wall Tile Adhesive - Bath	277170	Brown	N/D	Chrysotile Amosite	Cellulose Glass	90-100	
19C Wall Tile Adhesive - Bath	277171	Brown	N/D	Chrysotile Amosite	Cellulose Glass	90-100	
20A Wall Tile Grout - Bath	277172	White	N/D	Chrysotile Amosite	Cellulose Glass	90-100	
20B Wall Tile Grout - Bath	277173	White	N/D	Chrysotile Amosite	Cellulose Glass	90-100	
20C Wall Tile Grout - Bath	277174	White	N/D	Chrysotile Amosite	Cellulose Glass	90-100	

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Jan Tynj

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TEM Environmental

BULK ASBESTOS SAMPLE EVALUATION

POLARIZED LIGHT MICROSCOPY (PLM) TECHNIQUE NVLAP LAB CODE: 101130-0

Company Name: Ironwood Environmental Contact: Jeremy Bonacquisti Address: 3349 Carbineer Dr. Belvidere IL 61008-		Client Project Ref: MC 1825 Project Location: 605 W. Main, Waterford, WI TEM Project: 50617 Analyzed by: Lori Boersma Date Analyzed: 2/9/2016					
Sample Information			Fibrous Materials	Non-Fibrous Materials			
Client Sample ID	TEM ID	COLOR	ACM	Asbestos Fibers Type Percent	Non-Asbestos Fibers Type Percent	Filler Binder	Comments
21A Attic Insulation	277175	Gray	N/D	Chrysotile Amosite	90-100		
21B Attic Insulation	277176	Gray	N/D	Chrysotile Amosite	90-100		
21C Attic Insulation	277177	Gray	N/D	Chrysotile Amosite	90-100		
22A Roof Shingles	277178	Black	N/D	Chrysotile Amosite	70-80	20-30	
22B Roof Shingles	277179	Black	N/D	Chrysotile Amosite	70-80	20-30	

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Company Name: Ironwood Environmental Contact: Jeremy Bonacquisti Address: 3349 Carbineer Dr. Belvidere IL 61008-		Client Project Ref: MC 1825 Project Location: 605 W. Main, Waterford, WI TEM Project: 50617 Analyzed by: Lori Boersma Date Analyzed: 2/9/2016					
Sample Information		Fibrous Materials		Non-Fibrous Materials			
Client Sample ID	TEM ID	COLOR	ACM	Asbestos Fibers Type Percent	Non-Asbestos Fibers Type Percent	Filler Binder	Comments
22C Roof Shingles	277180	Black	N/D	Chrysotile Amosite	Cellulose Glass	70-80 20-30	
23A Roof Felt Paper	277181	Black	N/D	Chrysotile Amosite	Cellulose Glass	90-95 5-10	
23B Roof Felt Paper	277182	Black	N/D	Chrysotile Amosite	Cellulose Glass	90-95 5-10	
23C Roof Felt Paper	277183	Black	N/D	Chrysotile Amosite	Cellulose Glass	90-95 5-10	

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Jan Tynj

443 Duane Street, Glen Ellyn, Illinois 60137 Phone (630) 790-0880 Fax (630) 790-0882

Report Approved by:

1st Positive Stop on each group A-C

TEM, Incorporated

CHAIN OF CUSTODY REPORT

443 Duane Street
Glen Ellyn, IL 60137
(630) 790-0880
FAX (630) 790-0882

www.tem-inc.com

MC1825

CF = 18
No ext
No keys

CLIENT: IWE	Date: 2/2/16	TAT 6 HOUR 12 HOUR 24 HOUR 48 HOUR 72 HOUR >4 DAYS
Contact: Jeremy Bonaguidi: JERONWOOD@NVEAOL.COM	E-Mail:	Project Name/No. 605 W. Main Waterford WI
Address: 3349 Carbineer Drive		Results Due by: (Date & Time)
City/State/Zip: Belvidere, IL 61008		TEM Project#: 50617
Phone: 815-877-7547	FAX: 815-877-5905	NVLAP ID 101130 AIHA-PAT 101151 AIHA-AAR 101151
Comments:		
PO/Quoter#:		
Client ID No.	Description	Sample Volume
1 A-C	Vinyl Floor paper closet	60
2 A-C	Ceramic tile grout foyer	20
3 A-C	" " adhesive in	10
4 A-C	" wall tile grout kitchen	20
5 A-C	" " adhesive in	10
6 A-C	" floor tile grout 1st bath	40
7 A-C	" " adhesive in	10
8 A-C	Hot H ₂ O exhaust and ceiling	10
9 A-C	Ceramic tile Base grout	10
10 A-C	" " adhesive	10
11 A-C	" " Base stairs grout	10
12 A-C	" " " adhesive	10
13 A-C	" " Floor kitchen grout	10
14 A-C	" " " adhesive	10
15 A-C	Plaster walls	10
16 A-C	2nd floor walls	10
RELINQUISHED (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)
RELINQUISHED (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)
LOGGED IN BY (SIGNATURE)	DATE/TIME	ANALYZED BY (SIGNATURE)

TEM, Incorporated

CHAIN OF CUSTODY REPORT

443 Duane Street
Glen Ellyn, IL 60137
(630) 790-0880
FAX (630) 790-0882



www.tem-inc.com

MC 1825

CLIENT: IWE	Date:	TAT	6 HOUR	12 HOUR	24 HOUR	48 HOUR	72 HOUR	> 4 DAYS
Contact: Jeremy Bonacquist: JEREMY@TEM-INC.COM	E-Mail:	Project Name/No.	605 W. Main St. Waterford					
Address: 3349 Carbineer Drive		Results Due by: (Date & Time)						
City/State/Zip: Belvidere, IL 61008		TEM Project#:	50617					
Phone: 815-877-7547	FAX: 815-877-5905	NVLAP ID 101130	AIHA-PAT 101151			AIHA-AAR 101151		

Comments:

Comments:		PO/Quota#:													
Client ID No.	Comments	Description	Sample Volume	Bulk	Point Count	Gew/metric	Ar-AHERA	Ar-Other	Bulk	Chalfield	Water	Micro-Vac	PCM-Air	Other	Comments
17 A-C	ceiling	Back of the adhesive													
18 A-C	"	" " " " " "													
19 A-C	"	" " " " " "													
20 A-C	"	" " " " " "													
21 A-C	Attic insulation	" " " " " "													
22 A-C	Roof shingles	" " " " " "													
23 A-C	" felt paper	" " " " " "													
8															
9															
10															
11															
12															
13															
14															
15															
16															

RELINQUISHED (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)	DATE/TIME
			2-8-16
RELINQUISHED (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)	DATE/TIME
LOGGED IN BY (SIGNATURE)	DATE/TIME	ANALYZED BY (SIGNATURE)	DATE/TIME

Exhibits

ID 2250-12-22 – Parcel 4

Removal, Grading, Backfill

Location Map

Floor Plans – Site Diagram

Additional Information

Photos

Asbestos Inspection and Abatement Report

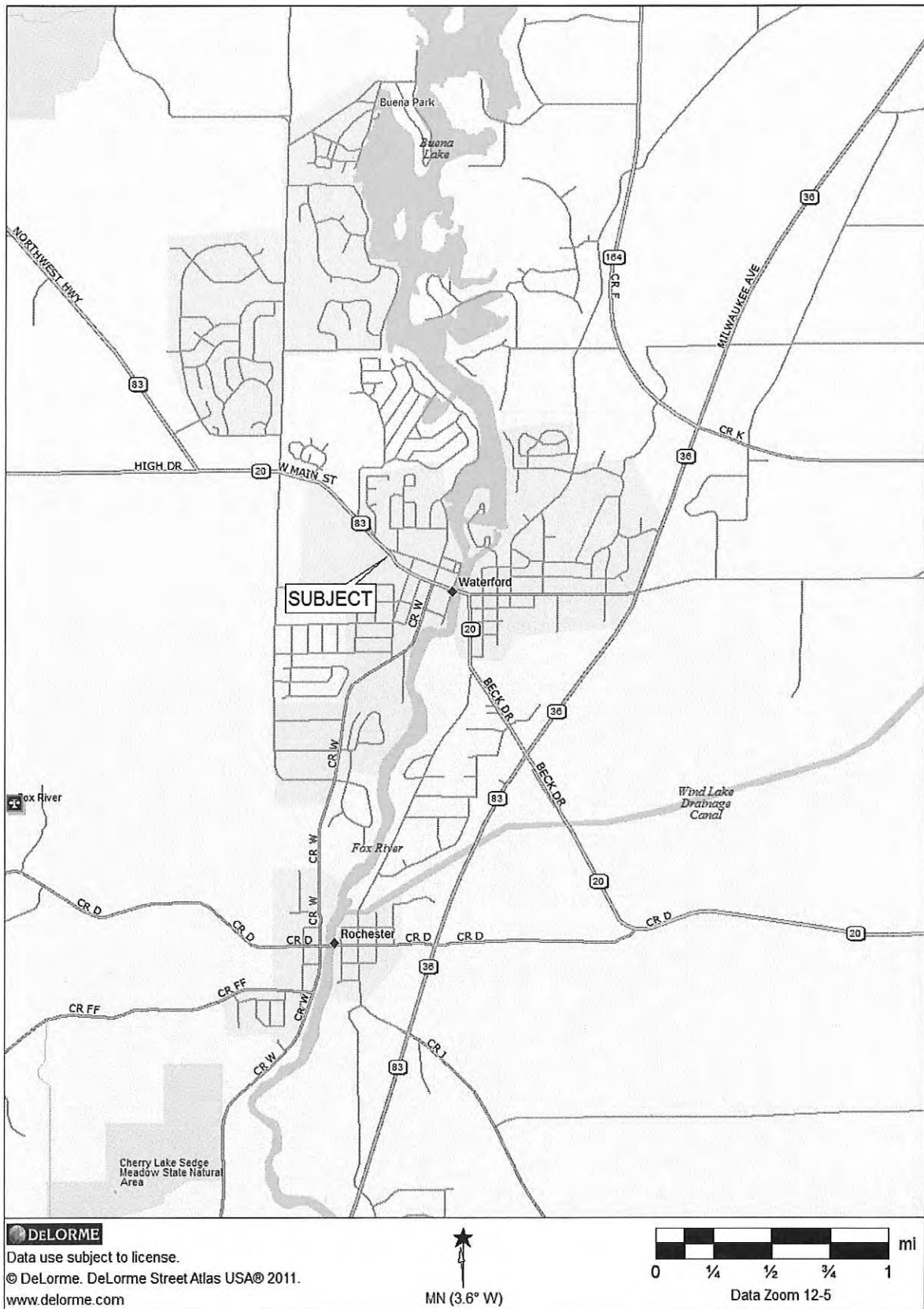
ID 2250-12-22, Parcel 4 – 601 W Main St., Waterford WI

REMOVE: 1,642 SF single family residence of wood frame construction and a 1,011 SF partial basement. Foundation of stone walls and some concrete block. Exterior comprises of vinyl siding. 550 SF two car detached garage. Concrete access walks, slabs and steps if applicable. Municipal water and sanitary sewer (water turned off at curb and meter pulled by Waterford Water & Sewer May 18th, 2016 (262) 534-3980). Concrete/asphalt paving areas (driveway/parking) may remain unless disturbed or damaged during demolition. *Note 1:* Deck, shed, and approximate 25 feet of wooden fence that runs West to East on East side of home to be removed (all other fencing remains). *Note 2:* Remnant foundation east of garage approximately 34 SF to be removed.

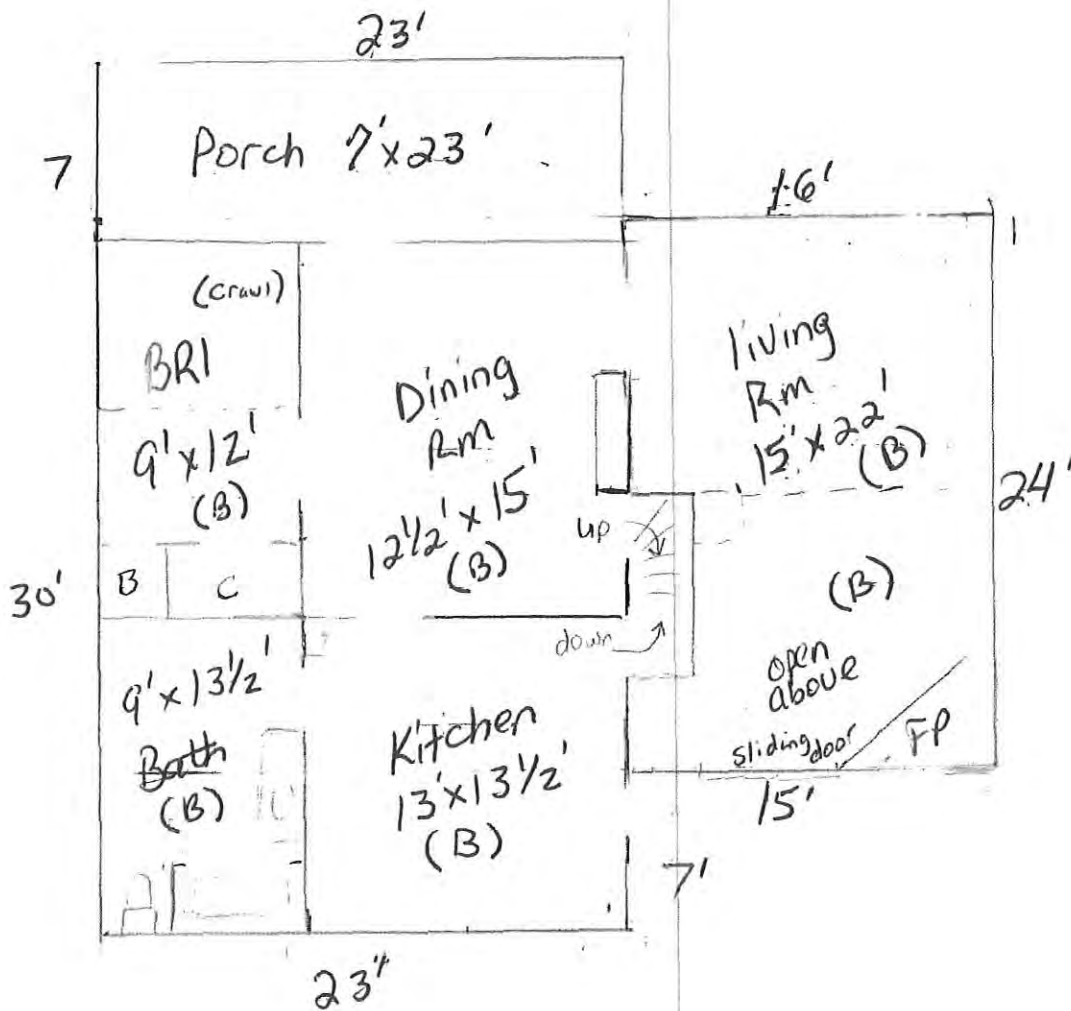
GRADING: As directed by the State Department of Transportation inspector. Reference Special Provisions - Article 2 – Item #5. *Note:* Final grade, finish surface layer with approximate 2” depth of compacted crushed gravel, stone or concrete (dense grade ≤ 3 inch) over removal areas and any other areas disturbed during demolition.

Floor Plan/Site Diagram – Following Page(s)

BACKFILL: Reference Special Provisions Article 21 and the *Special Requirements* under Article 2- Scope of Work, of these special Provisions. Septic Tank - Granular Material; Well - Concrete or Other Material Acceptable to Wisconsin Department of Natural Resources.

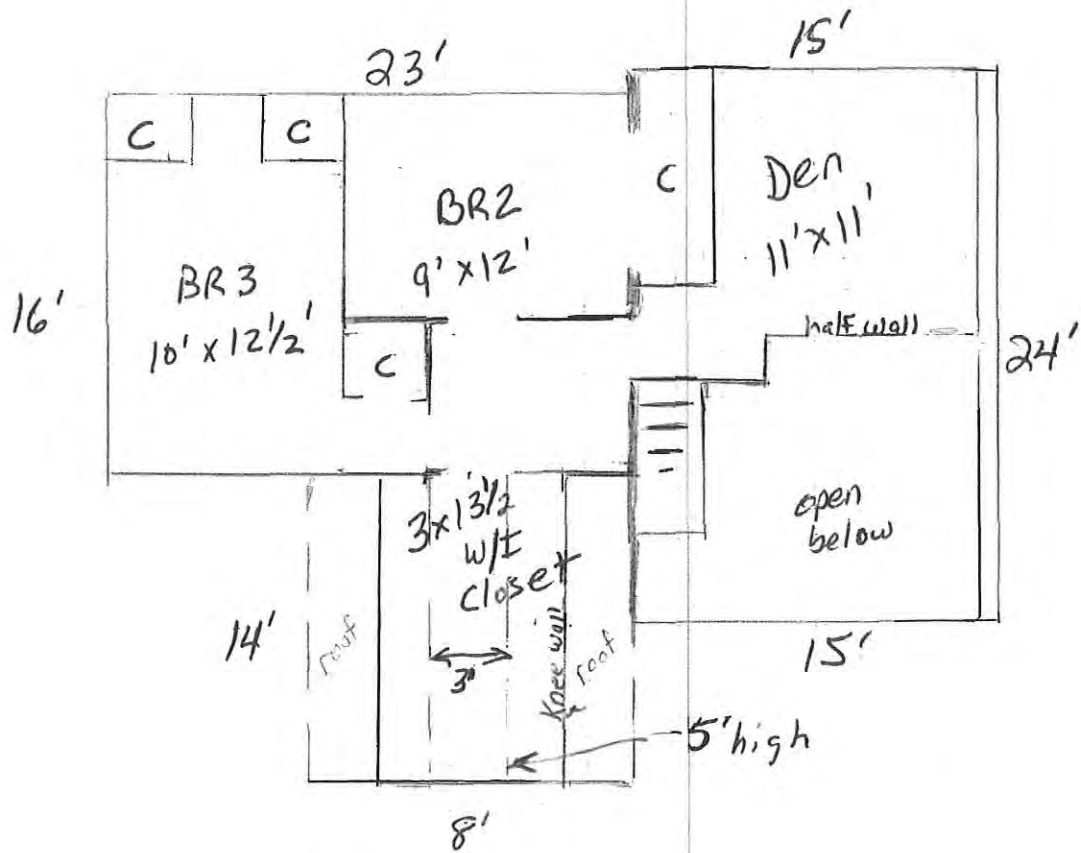


601 W. Main St



First Floor

601 West Main St



Second Floor

Home

First Floor Area

30' x 23'

16' x 24'

1,074 sq ft

Second Floor Area

15' x 22'

3' x 13.5'

15' x 11.5'

3' x 3'

4' x 4'

568 sq ft

Total Area

1,642 sq ft

Covered Front Porch

7' x 23'

161 sq ft

Detached Garage

22' x 25'

550 sq ft

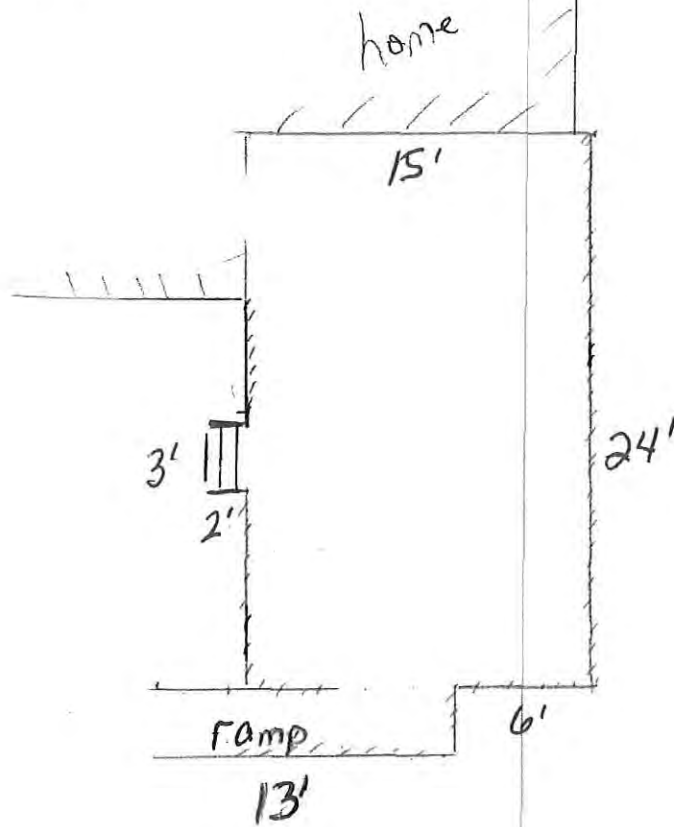
Basement

1074 sq ft - (7' x 9')

= 1,011 sq ft

1' crawl = 63 sq ft

Deck Area



Deck

15' x 24'

3' x 2'

13' x 3'

405 sq ft

Plywood Shed
Residential Style

8' x 12'

96 sq ft

Concrete Driveway

95' x 11'

30' x 26'

9' x 28'

$\frac{1}{2}(10' \times 20')$

2,177 sq ft

Fair Condition
Gravel Parking Area

20' x 21'

420 sq ft

Wood Fencing

(18' + 8') x 6' high

picket
Fence { gate 4' x 4 1/2' high
 { (1.5' + 14' + 6.5') x 4 1/2' high

Wood fencing
East lot line

100' x 6' high

Decorative Block
Retaining Wall

70' x 1 1/2' high

Back Brick Paver walkway

23' x 2' wide

= 46 sq ft

Front Sidewalk

25' x 2 1/2' wide

= 63 sq ft

wrought iron fence/railing

5' long

SUBJECT BUILDING AREAS

<u>Section</u>	<u>Area Sq Ft</u>
<u>Home</u>	
First Floor	1,074
Second Floor/Half Story	<u>568</u>
Total Above Grade	1,642
Covered Porch	161
Basement	1,011
crawl space	63
<u>Garage</u>	550

Building:	Home has one bedroom on the first floor and two bedrooms and a den on the second floor. The home has one full bath on the main floor. The first floor also includes an eat-in kitchen, dining room, and living room. The site has a detached two-car plus garage. The home has a full basement.
Year Built:	1877, per the owner. The original part of the home is located beneath the living room. Three additions were added likely in the early 1900s through the 1920s, with the last addition being the bathroom area possibly in the 1950s, per the owner. Additionally, in the 1980s, part of the second floor was removed to create a vaulted ceiling in the living room and a loft upstairs. The home's age ranges from about 65 to 138 years old. The weighted age of the subject is about 1900.
Footings & Foundation:	Stone foundation with a noticeable repair from a caved wall along the north side of the home under the dining area. The repair includes poured concrete with concrete block support below to the floor. Other walls are stone with skim coats and concrete block. Foundation under porch is concrete block.
Framing:	Wood
Floor:	Wood joists and wood subfloor.

Roof:	Asphalt shingle replaced in 2000 with all new decking. The appraiser did not inspect the attic.
Exterior Walls:	Newer vinyl siding, aluminum fascia, soffits, gutters and downspouts.
Ceilings:	Painted drywall or plaster. Nine-foot ceiling in kitchen. Dining room and part of living room is 8.5 foot ceilings. Second floor is 7.5-foot ceilings.
Interior Wall Finishes:	Primarily painted plaster. Drywall likely in remodeled living room walls and ceiling. Two-story ceiling in part of living room. Bathroom is in the process of remodeling. All new insulation in the bathroom. Currently the unfinished drywall remains. Current owners added wood wainscoting to four feet in the kitchen along one wall and behind the stove. Diagonal cedar tongue and grove paneling on east wall of den. Wood spindles along upper wall to vaulted ceiling above living room. Textured (popcorn) ceilings in second floor.
Floor Finishes:	Current owners added tile floor in kitchen and bathroom. Grout needs to be added in the bathroom floor. Worn and dated 1980s vintage carpet in dining room and living room. Older carpet in remaining bedrooms and upstairs hallway.
Electrical Service:	Current owners re-wired about 90% of the home, and added second electrical panel and GFI outlets. The current owners also trenched an electrical line to the garage. Garage is set-up for 100-amp service but is running 80 amps.
Lighting:	Kitchen has overhead lights. New lighting in bathroom. Dining room has newer chandelier. Flush mount overhead lights in bedrooms and hallway. Fluorescent lighting in second floor walk-in closet. Current owners added basement lighting.
Windows & Doors:	Newer windows from the 1980s. Wood frames and trim. Double-hung and casement. Dining room has an older window. Two windows in the living room have failed. New skylight in bathroom. Sliding glass door off living room in fair condition. Vinyl storm doors and steel entry doors. Interior doors are hollow core doors. Mix of trim in home including pine and painted original in first floor bedroom.
Kitchen Finish:	Ceramic tile backsplash and laminate counter top. 1980s replacement doors on older, say 1950s cabinet. Current owners installed new built-in range hood. Dishwasher. Enamel cast iron

	sink and newer faucet. All drains replaced to PVC. Added shut-off valves and added copper plumbing pipes. Added garbage disposer.
Bathroom Finish:	Fiberglass tub/shower surround. New modern dark wood cabinet vanity with modern pulls. Acrylic sink and counter unit. New faucet and toilet. Ceramic tile floor. Wall above tub unit is not finished but is planned for ceramic tile.
Mechanicals:	Gas fired forced air furnace. Current owner changed out burner and heat exchanger. No sump pump. Gas water heater replaced in 2012 with new venting out roof. Added blowers to fireplace. Central air conditioning.
Main Floor Amenities:	Wood fireplace with stone surround and hearth. Vaulted ceiling in living room. Large bathroom.
Front Covered Porch:	Concrete floor over concrete block foundation. Concrete block walls to four feet. Painted plywood ceiling. Concrete floor.
Personal Property:	Refrigerator, range/stove, dishwasher, washer and dryer, and microwave. These items are not included in the appraisal as they are considered personal property.
Unfinished Basement:	Basement hook-ups for washer and dryer with one fiberglass laundry sink.
Finished Basement:	None
Garage:	Two-car plus detached with one two-car overhead garage door with openers. 550 square feet. One pedestrian door. Loft/attic in garage accessed by hatch. Particle board finished walls and ceiling. Current owner added insulation. New roof added two years ago. Wood

Site Improvements include the following:

- Wood deck with a ramp, railing and steps of 405 square feet
- Wood residential shed with asphalt shingles of 96 square feet
- Front concrete sidewalk of about 25 feet long
- Iron railing next to front sidewalk about 5 feet long
- Concrete driveway of about 2,177 square feet in average with some cracking
- Gravel parking area in fair condition of 420 square feet
- 23 feet of concrete paver back walk about 1.5 to 2-feet wide
- 18 feet of six-foot high solid wood fence in average condition to the south of the garage
- 8 feet of six-foot high solid wood fence in average condition to east of home
- Two-foot wood picket fence gate 4.5 feet high to east of home

- 24 feet of wood picket fence to east of home
- 100 feet of 6-foot high solid wood fence. Per the owner, the school district installed this fence.
- 70 feet of two course high with overhanging cap decorative block retaining wall
- 34 feet of foundation remnant to the east of the garage

Landscaping includes the following:

Along west side of home

- 2 Barberry bushes
- 2 Spirea bushes
- 1 yew
- 3 other deciduous bushes

Along front of home

- 7 yews
- 1 bush

Front Yard

- Red Maple
- Trees and brush

West of driveway

- 3 evergreen trees to the west of the driveway
- Red maple
- Large oak tree

To east of home

- Some perennials and a bush in a planting bed bordered by a decorative wood border
- 3 evergreen trees
- Other trees and bushes

Back Yard

- Yew to west of deck
- Two or three lilac bushes to east of deck
- 3 apple trees
- Locust tree
- White pine
- Deciduous tree
- 2 lilac bushes
- Small tree to south of garage
- Deciduous trees along southern and western lot line
- Maple tree

To east of fence and to west of decorative concrete block retaining wall in a landscaped bed with mulch about 15 feet wide by about 85 feet long.

SUBJECT PHOTOS



North and west elevations



West and south elevations



South elevation



South elevation



South and east elevations



View west toward subject from adjacent property to east.



East elevation. Note air conditioner.



North elevation



Front porch



View south along driveway



Kitchen



Kitchen



Kitchen



Bathroom



Bathroom



Dining Room



Fireplace in living room



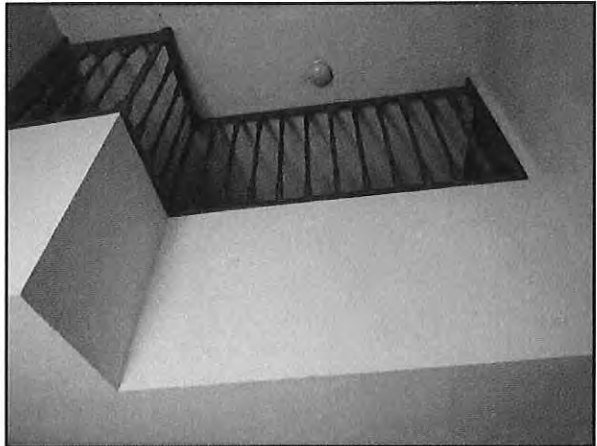
Front door into dining room



Living room



Door to basement off dining room



Vaulted living room toward loft



First floor bedroom (BR1)



First floor bedroom (BR1)



Loft/den



Second floor hallway



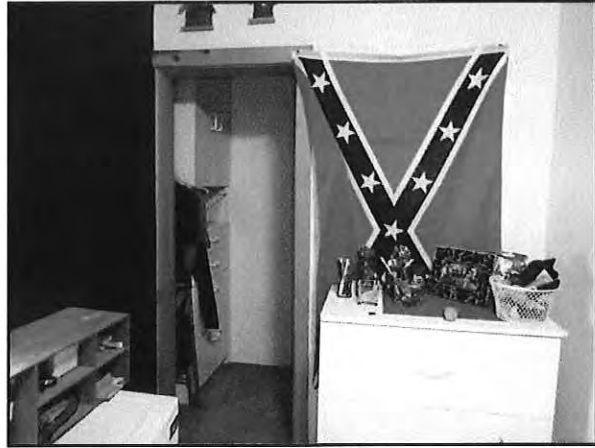
Loft/den



Walk-in closet off of hallway



Master bedroom (BR3)



Bedroom (BR2)



Master bedroom (BR3)



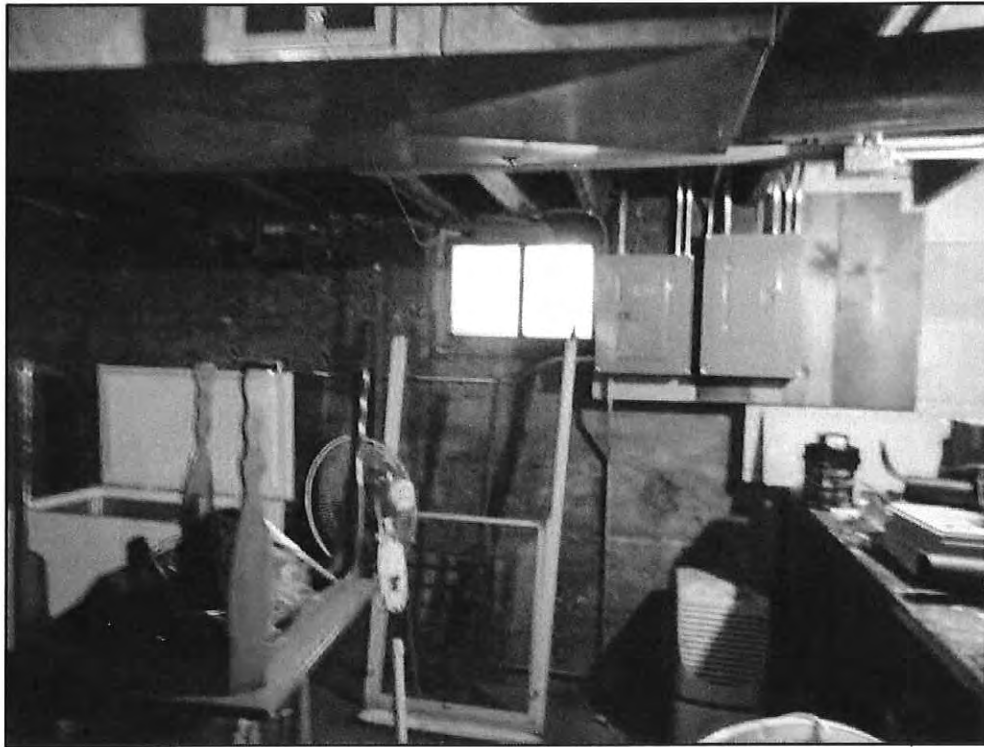
Bedroom (BR2)



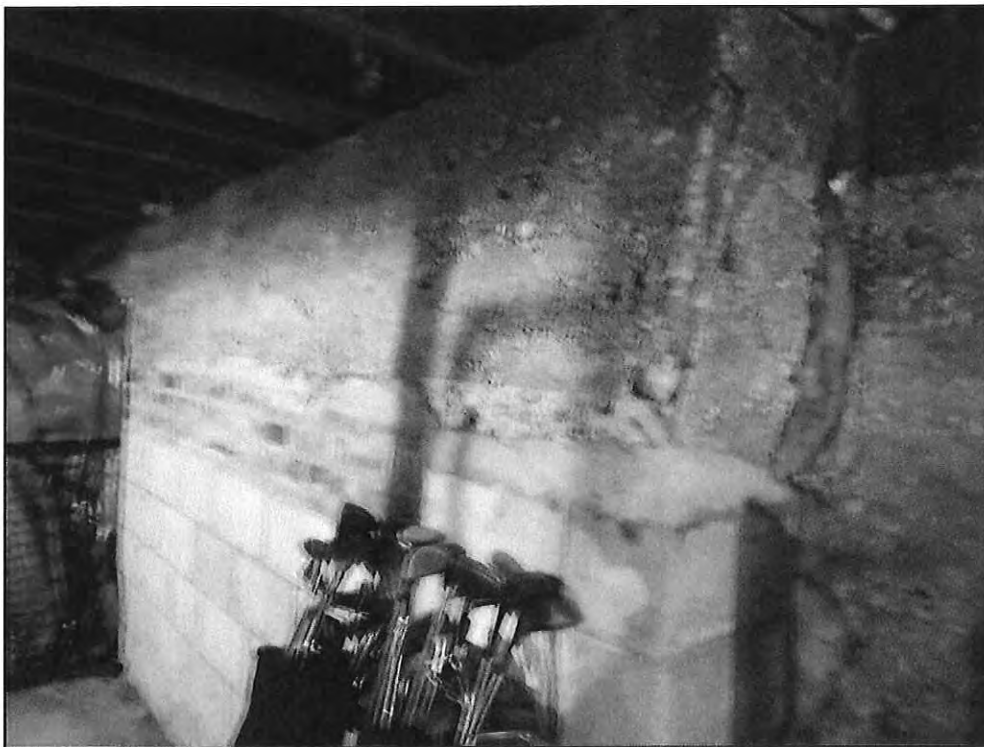
Basement - Laundry area



Basement



Basement



Area along north wall under dining room with foundation repair.



Tarp covering exposed bedrock. This is a crawl space under part of the bedroom.



West elevation of garage



Inside garage. Wood burning stove. Vent pipe may not be to code.



Inside garage. Drywall and insulation



East elevation of garage. Old foundation under wood pile.



South elevation of garage



Items to south of garage.



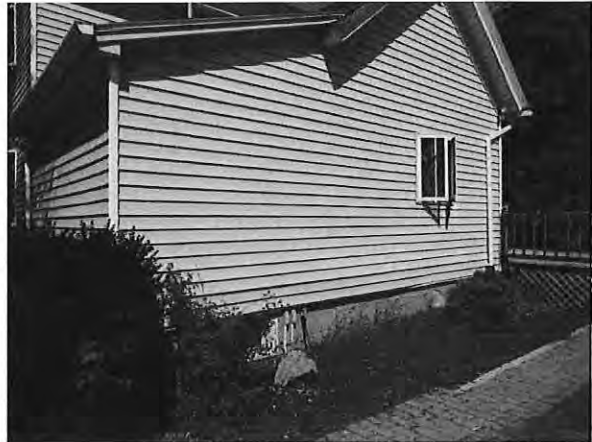
North elevation of garage. Old foundation to left.



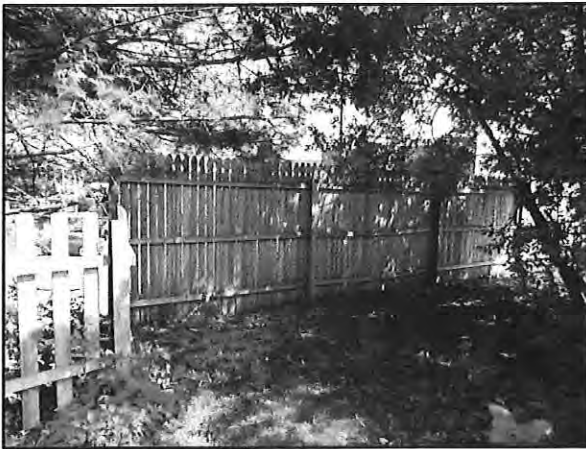
Front porch ceiling



Fencing south of garage. View south with school property in view on south side of chain link fence.



Back walkway



Fencing east of home



Shed



Fencing east of home



Inside shed



View west across back yard



View east along southern lot line toward eastern lot line

NESHAPS Asbestos Building Inspection



601 W. Main St. Waterford, WI

Prepared for:

Wisconsin DOT DTSD

SE Region

Mr. Mike Jenders

14 NW Barstow St./PO Box798

Waukesha, WI. 53187-0798

Phone 262-548-5937

E-mail Michael.Jenders@dot.wi.gov

Prepared by:

Ironwood Environmental Inc.

3349 Carbineer Dr.

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Ironwood
Environmental Inc.

Ironwood

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Mr. Mike Jenders

6/8/16

Re: NESHAPS Pre-demo asbestos building inspection of 601 W Main st. Waterford, WI.

Ironwood Environmental Inc. is pleased to have had the opportunity to complete the NESHAPS pre demolition asbestos building inspection for the property listed above. Jeremy Bonacquisti, IL. asbestos building inspector # 100-6296 and WI ASC-102179, has completed a non-destructive asbestos building inspection at the request of the Mr. Mike Jenders with Wisconsin DOT @ the property listed above. The inspection was completed in compliance with DNR regulations under NESHAPS CFR 763.86, for the purpose of demolition. Ironwood is not responsible for the presence of acbms existing in undetectable places, such as false walls, pipe chase, etc. All asbestos quantities are estimates. It is the responsibility of the bidding contractor to field verify all quantities. Samples were collected and sent to TEM, an independent EPA / NVLAP approved lab, for PLM determination of the presence of asbestos, "Please refer to TEM report for results, methods, credentials and contacts".

When preparing for asbestos abatement it is important to determine if the asbestos containing materials (ACMs) are friable or non-friable. Friability is the degree to which a solid substance can be broken up into smaller pieces with a minimum of effort. In the case of asbestos, friable usually refers to whether the mineral can be broken down by a human hand. Friable asbestos materials are the ones that are most dangerous. They easily release asbestos fibers into the air, and these fibers pose a significant health risk to anyone nearby. Non-friable asbestos, on the other hand, is less likely to release fibers. Roofing material, for example, is a non-friable asbestos-containing material because the asbestos fibers are bound or locked into place. Non-friable asbestos is still a health risk, as it can be made friable if damaged or altered. To further differentiate the potential risks associated with ACMs, the EPA divides non-friable asbestos into two subcategories:

Category I Non-Friable: Includes non-friable materials which are unlikely to be made friable, due to a strong interlocking material which binds the fibers. These materials should only be removed during demolition if they are in very poor condition. Examples include vinyl floor coverings, vinyl asbestos tile, asphalt roofing products and gaskets.

Category II Non-Friable: Includes all non-friable materials which are not Category I. These materials are more likely to be made friable, as they are not resistant to weathering or crushing forces and may be subjected to extreme conditions or excessive use. Examples include cement siding, transite board shingles and concrete-like products.

Regulated Asbestos-Containing Material

(RACM) Federal regulatory agencies such as the EPA consider the following asbestos materials to be potentially dangerous and thus subject to regulations during the removal or renovation process:

Regulated Asbestos-Containing Material

- All friable ACMs
- Category I non-friable materials which have become friable
- Category I non-friable materials which have been subjected to sanding, grinding, cutting, etc.
- Category II non-friable materials with a high probability of becoming friable during renovation or demolition

If a facility or home will be demolished by burning, all asbestos material, whether it is friable or non-friable, must be removed prior to the demolition procedures.

Sample #	Description	Location	% asbestos	NESHAPS Classification	Condition	Estimated Quantity
1a	Beige Floor tile grout	Kitchen	ND/None detected	NA	NA	NA
2b	Beige Floor tile grout	Kitchen	ND	NA	NA	NA
3c	Beige Floor tile grout	Kitchen	ND	NA	NA	NA
4a	Gray flr tile adhesive	Kitchen	ND	NA	NA	NA
5b	Gray flr tile adhesive	Kitchen	ND	NA	NA	NA
6c	Gray flr tile adhesive	Kitchen	ND	NA	NA	NA
7a	Gray flr tile grout	Bath	ND	NA	NA	NA
8b	Gray flr tile grout	Bath	ND	NA	NA	NA
9c	Gray flr tile grout	Bath	ND	NA	NA	NA

10a	Red/white flr tile adhesive	Bath	ND	NA	NA	NA
11b	Red/white flr tile adhesive	Bath	ND	NA	NA	NA
12c	Red/white flr tile adhesive	Bath	ND	NA	NA	Na
13a	Brown 12 x 12 vinyl flr tile	Dining rm	ND	NA	NA	NA
14b	Brown 12 x 12 vinyl flr tile	Dining rm	ND	NA	NA	NA
15c	Brown 12 x 12 vinyl flr tile	Dining rm	ND	NA	NA	NA
16a	Attic insulation	attic	ND	NA	NA	NA
17b	Attic insulation	attic	ND	NA	NA	NA
18c	Attic insulation	attic	ND	NA	NA	NA
19a	ceiling texture	2 nd flr	ND	NA	NA	NA
20b	ceiling texture	2 nd flr	ND	NA	NA	NA
21c	ceiling texture	2 nd flr	ND	NA	NA	NA
22a	Drywall	2 nd flr	ND	NA	NA	NA
23b	Drywall	2 nd flr	ND	NA	NA	NA
24c	Drywall	2 nd flr	ND	NA	NA	NA
25a	Plaster	2 nd flr	ND	NA	NA	NA
26b	Plaster	2 nd flr	ND	NA	NA	NA
27c	Plaster	2 nd flr	ND	NA	NA	NA
28a	Window glazing	Ext windows	ND	NA	NA	NA
29b	Window glazing	Ext windows	ND	NA	NA	NA
30c	Window glazing	Ext windows	ND	NA	NA	NA

Ironwood

Environmental Inc.

Abatement recommendations:

All abatement activities in Wisconsin must be performed by personnel accredited by EPA and licensed by DHS. All work practices must comply with applicable US/DNR, DHS and OSHA regs.

If roofing material were found to contain asbestos or assumed to contain asbestos, according to USEPA regulations, tar-impregnated roofing felts, asphalt shingles and mastics that are non-friable and will remain that way during demolition need not be abated prior to demolition or landfilled as acm. This does not include controlled burns. Asbestos floor tile may remain in the structure during demolition, however it must be undamaged prior to demolition and remain that way during demolition. In addition, if floor tile remains in the building during demolition all waste must be treated and landfilled according to NESHAPS regs as acm. Concrete coated with acm mastic may not be used as clean fill or recycled.

Hazardous materials

CFCs -1 central air conditioning unit

CFLs -5 bulbs

Mercury -none

Lead -possible lead containing painted surfaces throughout.

PCBs -approx 2 ballasts with the potential to be pcb containing

Miscellaneous possible environmental issues
none

If you have any questions please do not hesitate to contact me. 815-378-6113

Thank you.
Respectfully Submitted,

Jeremy Bonacquisti

Jeremy Bonacquisti
Ironwood Environmental Inc.

TEM Environmental

BULK ASBESTOS SAMPLE EVALUATION

POLARIZED LIGHT MICROSCOPY (PLM) TECHNIQUE NVLAP LAB CODE: 101130-0

Company Name: Ironwood Environmental Contact: Jeremy Bonacquisti Address: 3349 Carbineer Dr. Belvidere IL 61008-		Client Project Ref: MC 1891 Project Location: 601 W. Main, Waterford TEM Project: 51330 Analyzed by: Lori Boersma Date Analyzed: 6/7/2016							
Sample Information		Fibrous Materials		Non-Fibrous Materials					
Client Sample ID	TEM ID	COLOR	ACM	Asbestos Fibers Type	Percent	Non-Asbestos Fibers Type	Percent	Filler	Comments
01A 12x12 FT Grout - Kitchen	285130	Beige	N/D	Chrysotile Amosite		Cellulose Glass		90-100	
02B 12x12 FT Grout - Kitchen	285131	Beige	N/D	Chrysotile Amosite		Cellulose Glass		90-100	
03C 12x12 FT Grout - Kitchen	285132	Beige	N/D	Chrysotile Amosite		Cellulose Glass		90-100	
04A 12x12 FT Adhesive - Kitchen	285133	Gray	N/D	Chrysotile Amosite		Cellulose Glass Synthetic	2-3 1-2	95-97	
05B 12x12 FT Adhesive - Kitchen	285134	Gray	N/D	Chrysotile Amosite		Cellulose Glass Synthetic		90-100	

Samples were analyzed following the procedures contained in the EPA Method 600/R-93/116, July 1993. This report applies only to samples tested.

SLM: The optical resolution of polarized light microscopy limits the size of fibers that are visible. In samples where very small fibers may be present, the asbestos fibers may be smaller than the resolution limit of a polarized light microscope. In those cases, the result of the PLM analysis is not conclusive where the sample is reported as non-asbestos. Samples that are expected to contain small fibers (such as floor tile samples and vermiculite) and that are reported as non-asbestos by PLM should be further analyzed by transmission electron microscopy.

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Key: ACM = Asbestos Containing Material as defined in USEPA NESHAP Regulation; TR = Trace; N/D = None Detected

Page 1 of 6

Jan Tynj

443 Duane Street, Glen Ellyn, Illinois 60137 Phone (630) 790-0880 Fax (630) 790-0882

Report Approved by:

TEM Environmental

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Sample Information		Fibrous Materials		Non-Fibrous Materials					
Client Sample ID	TEM ID.	COLOR	ACM	Asbestos Fibers Type	Percent	Non-Asbestos Fibers Type	Percent	Filler	Comments
06C	285135	Gray	N/D	Chrysotile Amosite		Cellulose Glass		90-100	
07A	285136	Gray	N/D	Chrysotile Amosite		Cellulose Glass		90-100	
08B	285137	Gray	N/D	Chrysotile Amosite		Cellulose Glass		90-100	
09C	285138	Gray	N/D	Chrysotile Amosite		Cellulose Glass		90-100	
10A	285139	Red/White	N/D	Chrysotile Amosite		Cellulose Glass		90-100	

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Sample Information		Fibrous Materials		Non-Fibrous Materials					
Client Sample ID	TEM ID.	COLOR	ACM	Asbestos Fibers Type	Percent	Non-Asbestos Fibers Type	Percent	Filler	Comments
11B 12x12 FT Adhesive - Bath	285140	Red/White	N/D	Chrysotile Amosite		Cellulose Glass		90-100	
12C 12x12 FT Adhesive - Bath	285141	Red/White	N/D	Chrysotile Amosite	Trace	Cellulose Glass		90-100	
13A 12x12 Vinyl FT - Dining Rm.	285142	Brown	N/D	Chrysotile Amosite		Cellulose Glass		90-100	SLM
14B 12x12 Vinyl FT - Dining Rm.	285143	Brown	N/D	Chrysotile Amosite		Cellulose Glass		90-100	SLM
15C 12x12 Vinyl FT - Dining Rm.	285144	Brown	N/D	Chrysotile Amosite		Cellulose Glass		90-100	SLM

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POLARIZED LIGHT MICROSCOPY (PLM) TECHNIQUE

NVLAP LAB CODE: 101130-0

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Sample Information		Fibrous Materials		Non-Fibrous Materials			
Client Sample ID	TEM ID.	COLOR	ACM	Asbestos Fibers Type Percent	Non-Asbestos Fibers Type Percent	Filler Binder	Comments
16A Attic Insulation	285145	Gray	N/D	Chrysotile Amosite	Cellulose Glass	80-85 10-15	0-10
17B Attic Insulation	285146	Gray	N/D	Chrysotile Amosite	Cellulose Glass	20-25 70-75	0-10
18C Attic Insulation	285147	Gray	N/D	Chrysotile Amosite	Cellulose Glass	25-30 65-70	0-10
19A Ceiling Texture - 2nd Fl.	285148	White	N/D	Chrysotile Amosite	Cellulose Glass		90-100
20B Ceiling Texture - 2nd Fl.	285149	White	N/D	Chrysotile Amosite	Cellulose Glass	Trace	90-100

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Contact: Jeremy Bonaquisti		Project Location: 601 W. Main, Waterford				
Address: 3349 Carbineer Dr.		TEM Project: 51330				
Belvidere IL 61008-		Analyzed by: Lori Boersma				
		Date Analyzed: 6/7/2016				
Sample Information			Fibrous Materials		Non-Fibrous Materials	
Client Sample ID	TEM ID	COLOR	ACM	Asbestos Fibers Type	Non-Asbestos Fibers Type	Comments
Description				Percent	Percent	Filler Binder
21C Ceiling Texture - 2nd Fl.	285150	White	N/D	Chrysotile Amosite	Cellulose Glass	Trace 90-100
22A Drywall - 2nd Fl.	285151	White	N/D	Chrysotile Amosite	Cellulose Glass	2-3 Trace 97-98
23B Drywall - 2nd Fl.	285152	White	N/D	Chrysotile Amosite	Cellulose Glass	2-3 Trace 97-98
24C Drywall - 2nd Fl.	285153	White	N/D	Chrysotile Amosite	Cellulose Glass	2-3 1-2 95-97
25A Plaster - 2nd Fl.	285154	Gray	N/D	Chrysotile Amosite	Cellulose Glass	90-100

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Sample Information		Fibrous Materials		Non-Fibrous Materials				
Client Sample ID	TEM ID.	COLOR	ACM	Asbestos Fibers	Non-Asbestos Fibers	Filler	Comments	
				Type	Percent	Type	Percent	
26B Plaster - 2nd Fl.	285155	Gray	N/D	Chrysotile Amosite		Cellulose Glass	90-100	
27C Plaster - 2nd Fl.	285156	Gray	N/D	Chrysotile Amosite		Cellulose Glass	90-100	
28A Window Glaze - 2 Windows	285157	Tan	N/D	Chrysotile Amosite		Cellulose Glass	90-100	
29B Window Glaze - 2 Windows	285158	Tan	N/D	Chrysotile Amosite		Cellulose Glass	90-100	
30C Window Glaze - 2 Windows	285159	Tan	N/D	Chrysotile Amosite		Cellulose Glass	90-100	

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Page 6 of 6

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443 Duane Street, Glen Ellyn, Illinois 60137 Phone (630) 790-0880 Fax (630) 790-0882

Report Approved by:

1st Positive "STOP" on all groups of 3

TEM, Incorporated

CHAIN OF CUSTODY REPORT

443 Duane Street
Glen Ellyn, IL 60137
(630) 790-0880
FAX (630) 790-0882

www.tem-inc.com

MC1891

CLIENT: IWE	Date:	TAT 6 HOUR 12 HOUR 24 HOUR 48 HOUR 72 HOUR 96 HOURS
Contact: Jeremy Bonaguidi	E-Mail: JEREMY@TEM-INC.COM	Project Name/No. 601 W. Main Waterbury
Address: 3349 Carbineer Drive		Results Due by: (Date & Time)
City/State/Zip: Belvidere, IL 61008		TEM Project#: 51330
Phone: 815-877-7547	FAX: 815-877-5905	NVLAP ID 101130 AIHA-PAT 101151 AIHA-AAR 101151

Comments:

PO/Quota#:

Client ID No.	Description	Sample Volume	Comments
1A	12X12 flv for the grant	2 fls	
2B	"		
3C	"		
4A	12X12 flv for the address	2 fls	
5B	"		
6C	"		
7A	12X12 flv for the grant	2 fls	
8B	"		
9C	"		
10A	12X12 flv for the address	2 fls	
11B	"		
12C	"		
13A	12X12 flv for the grant	2 fls	
14B	"		
15C	"		
16A	12X12 flv for the grant	2 fls	

RELINQUISHED (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)	DATE/TIME
RELINQUISHED (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)	DATE/TIME
LOGGED IN BY (SIGNATURE)	DATE/TIME	ANALYZED BY (SIGNATURE)	DATE/TIME

CHAIN OF CUSTODY REPORT

**443 Duane Street
Glen Elyn, IL 60137
(630) 790-0880
FAX (630) 790-0882**

Project ID 2250-12-22, Parcel No. 4

Exhibits

ID 2340-00-26 – Parcel 11

Removal, Grading, Backfill

Location Map

Floor Plans – Site Diagram

Additional Information

Photos

Asbestos Inspection and Abatement Report

ID 2340-00-26, Parcel 11 – 14523 Spring St., Yorkville WI

REMOVE: 1,842 SF single family residence with full partially finished basement and one car detached garage. Wood frame construction, cement board siding, and asphalt shingles. Concrete/asphalt paving areas, concrete access walks, slabs and steps if applicable. Private well and septic. *Note:* Storage shed, deck, and approximately 50ft privacy fence to be removed.

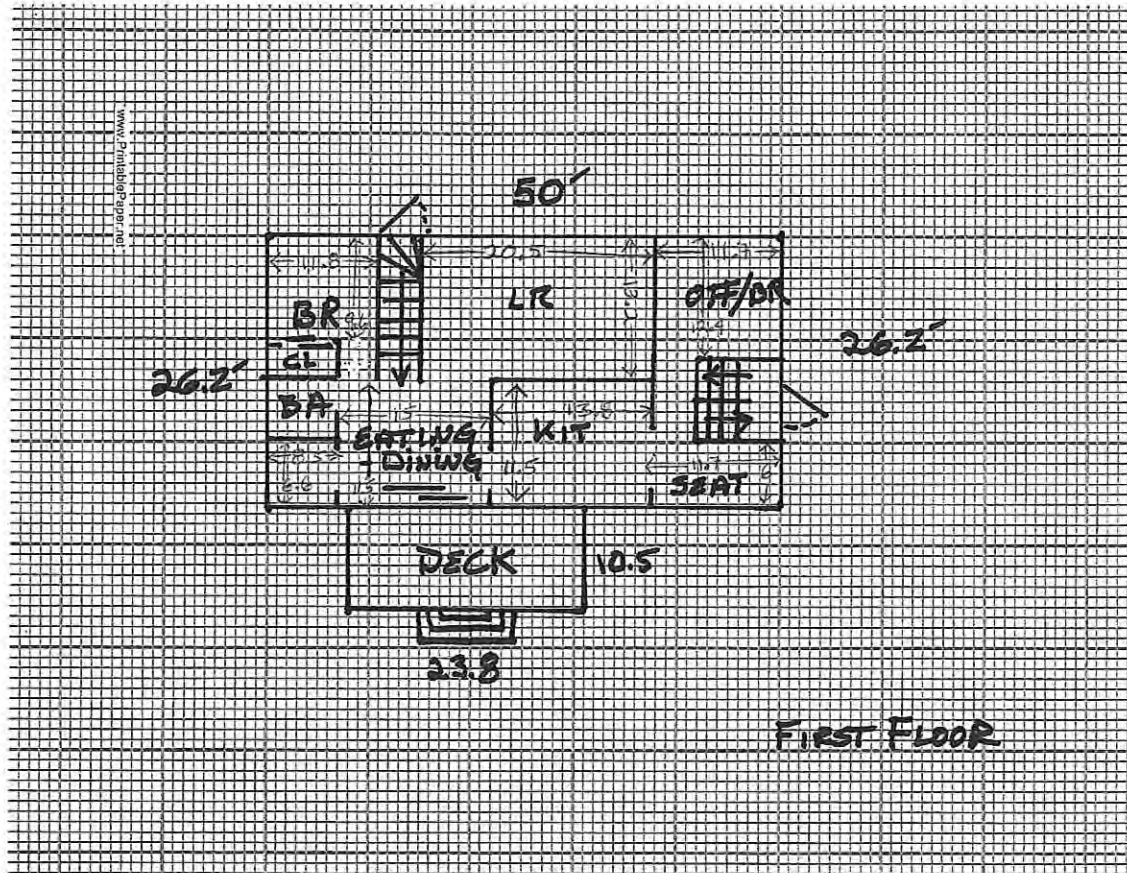
GRADING: As directed by the State Department of Transportation inspector. Reference Special Provisions - Article 2 – Item #5. *Note:* Final grade, finish to include full site restoration to any areas disturbed by removal with application of topsoil, seed, and mulch.

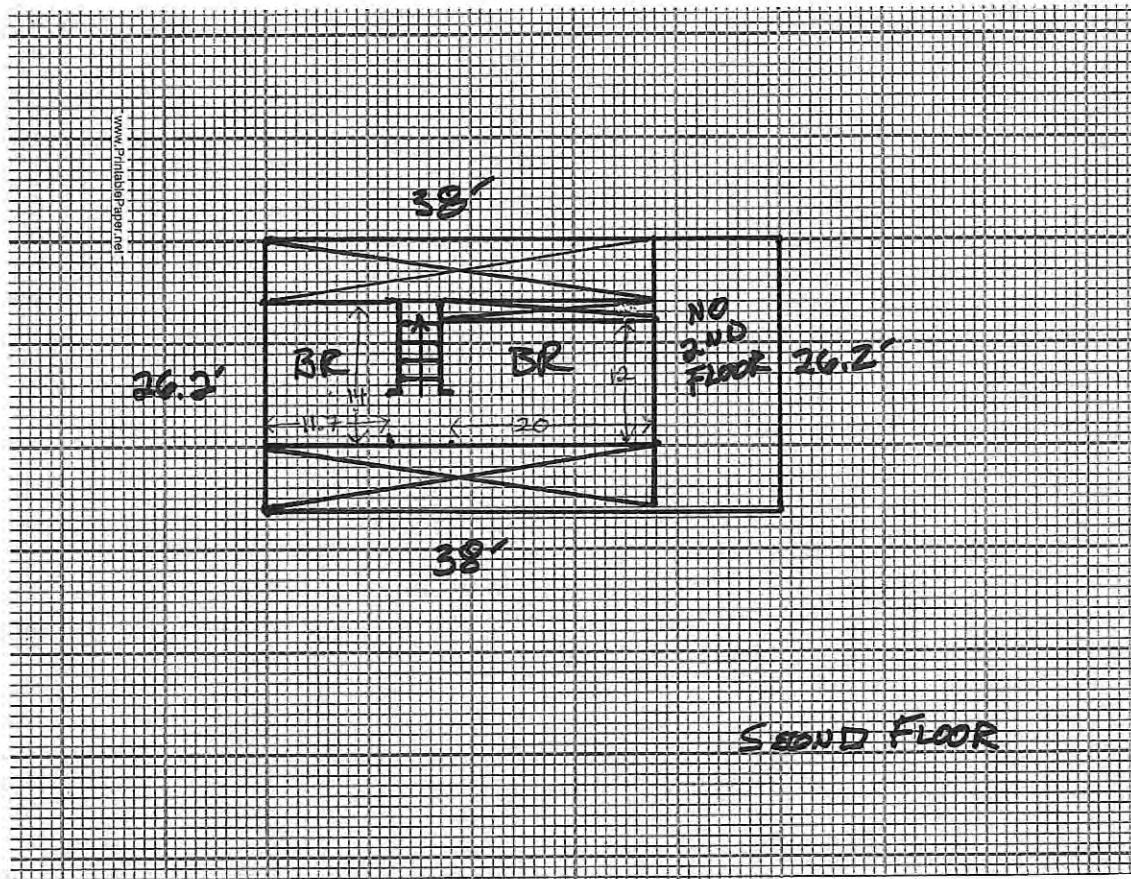
Floor Plan/Site Diagram – Following Page(s)

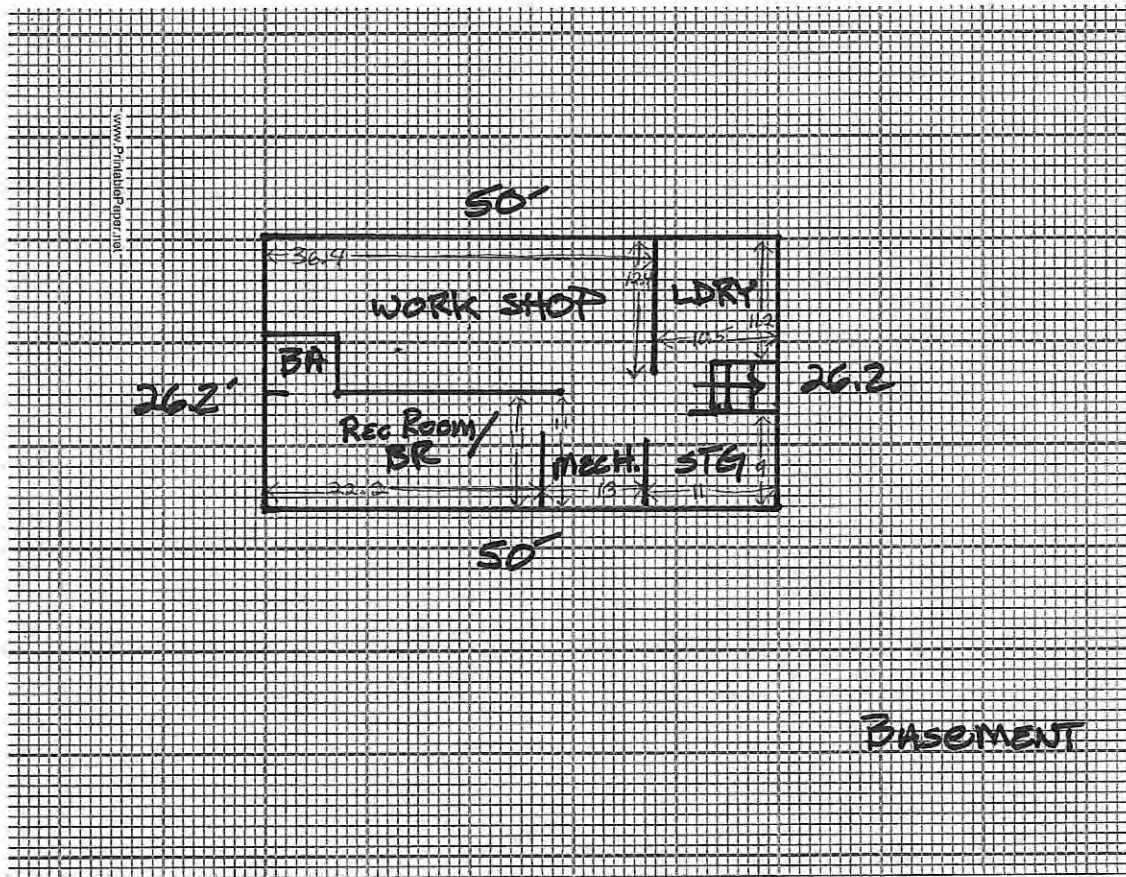
BACKFILL: Reference Special Provisions Article 21 and the *Special Requirements* under Article 2- Scope of Work, of these special Provisions. Septic Tank - Granular Material; Well - Concrete or Other Material Acceptable to Wisconsin Department of Natural Resources.

AERIAL VIEWS









IMPROVEMENT ANALYSIS

Prior to the proposed eminent domain acquisition, the subject consists of a single family residence, detached garage, and a shed.



This is a 1,842 square foot, eight room, four bedroom one bath residence currently in above average condition. It was built in 1936, and has cement board siding, with a one car detached garage. This property has a full partially finished basement, which has a recreation/bedroom room and full bathroom. The roof is older asphalt shingle. Many updates have been done over the past few years with new siding, new trim and casings, new doors, updating the kitchen, and updating the main floor restroom. The property is heated with hot water with no central air (there is a sleeve unit, which is a built in fixture and considered as part of the real estate, window units are considered personal property and are not considered part of the real estate), the kitchen has a dishwasher (considered a fixture and part of the real estate) and disposal. Other improvements include a one car detached garage, a shed, and a privacy fence.



View of the side and south side of the subject
The camera is facing southwest



View of the side of the subject
The camera is facing northeast



View of the rear the subject
The camera is facing north



View of the front of the house
The Camera is facing south



View of the deck
Camera is facing southwest



Street Scene, Spring Street
Camera is facing southwest



View of stake in northeast corner
Camera is facing southwest



Interior View
Lower Level Bath



Interior View
Lower Level Recreation Room (Used as Bedroom)



Interior View
Lower Level Utilities



Interior View
Lower Level Utilities



Interior View
Lower Level Shop Space



Interior View
Lower Level Storage



Interior View
Lower Level Laundry Room



Interior View
Entry



Interior View
Main floor office/bedroom



Interior View
Kitchen



Interior View
Kitchen



Interior View
Living Room



Interior View
Living Room



Interior View
Main Level Restroom



Interior View
Main Level Restroom



Interior View
Main Level Bedroom



Interior View
Main Level Nook



Interior View
Dining Room



Interior View
Stairs from Upper Level to Main Level



Interior View
Upper level bedroom



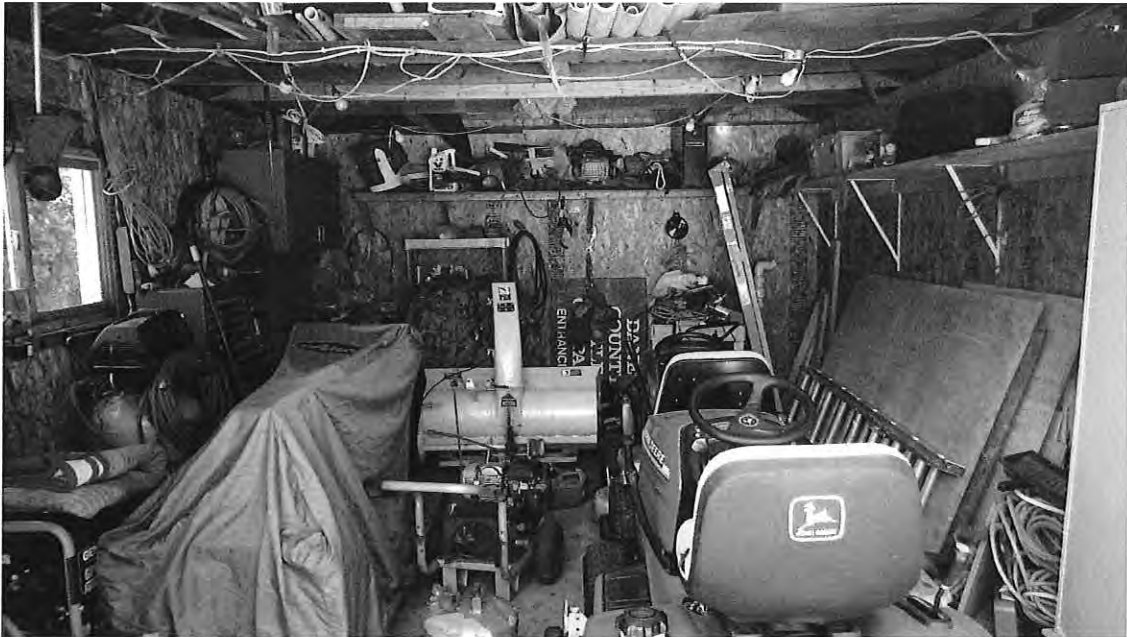
Interior View
Upper level built in storage



Interior View
Upper level bedroom



View of the Garage
The camera is facing southwest



Interior View
Garage



View of the shed
The camera is facing south

INTEGRITY

ENVIRONMENTAL SERVICES, INC.

ASBESTOS SURVEY REPORT (EPA NESHAP)

Performed at:

**Vacant Law Residence Located at
14523 Spring Street
Yorkville, Wisconsin**

March 16, 2015

Prepared by:

**Integrity Environmental Services, Inc.
2325 Parklawn Drive
Waukesha, Wisconsin 53186**

Submitted to:

**Mr. Michael Jenders
Wisconsin Department of Transportation
141 NW Barstow Street
Waukesha, Wisconsin 53187**

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INTEGRITY

ENVIRONMENTAL SERVICES, INC.

SECTION I

INTRODUCTION

The Wisconsin Department of Transportation authorized Integrity Environmental, Inc. to perform an asbestos identification survey at the vacant residence located at 14523 Spring Street, Yorkville, Wisconsin. The shed and garage were also inspected.

This survey was conducted in order to identify and sample suspect asbestos-containing building materials in visible and accessible areas prior to planned demolition of the facility. No significant demolition or intrusive investigative methods were performed to access possible hidden materials that may be present behind walls, beneath floors, above ceilings or any other inaccessible areas although in several spaces walls were penetrated to investigate for suspect materials.

SECTION II

BACKGROUND

This survey was conducted by Thomas R. Jackson, State of Wisconsin Registered Asbestos Building Inspector #AII-572 on February 15, 2016. This inspection was performed in compliance with pre-demolition or pre-renovation requirements outlined in the Environmental Protection Agency (EPA) National Emission Standard for Hazardous Air Pollutants (NESHAP) regulation and Wisconsin Department of Natural Resources (WDNR) Chapter NR447.

This inspection included visual observations, sampling and quantification of confirmed Asbestos Containing Materials (ACM). ACM is defined as those materials containing greater than 1% asbestos by area as determined by Polarized Light Microscopy (PLM).

According to the EPA NESHAP, ACM can be categorized into the following groups:

Friable ACM – Any material containing greater than 1% asbestos that can be crumbled, pulverized, or reduced to powder when dry by hand pressure.

Category I Non-Friable ACM – Any packing, gasket, resilient floor covering or asphalt roofing product containing greater than 1% asbestos. Category I Non-Friable ACM must be removed prior to demolition if they are friable and/or in poor condition

Category II Non-Friable ACM – Any material, excluding Category I Non-Friable materials containing greater than 1% asbestos that when dry *cannot* be crumbled, pulverized, or reduced to powder by hand pressure.

Bulk samples of suspect ACM's were retrieved utilizing procedures outlined in the USEPA NESHAP regulation. Samples of these materials were submitted under Chain-of-Custody to MicroAnalytical, Inc. 11521 West North Avenue, Wauwatosa, Wisconsin for analysis. MicroAnalytical, Inc. is a National Voluntary Laboratory Accreditation Program (NVLAP) and American Industrial Hygiene Association (AIHA) approved laboratory.

Samples were analyzed using Polarized Light Microscopy (PLM) coupled with Dispersion Staining as outlined in the USEPA's "*Method for the Determination of Asbestos in Bulk Building Material*" If necessary, samples identified with less than 1% asbestos content were point counted in accordance with EPA regulations.

OSHA defines asbestos as chrysotile, amosite, crocidolite, tremolite asbestos, anthophyllite asbestos, actinolite asbestos, and any of these minerals that have been treated or altered. OSHA Asbestos Standard for General Industry; 29CFR 1910.1001 does regulate activities of any building materials containing even trace amounts of the above stated types of asbestos.

Additional information can be found in the following Report Appendices:

- Appendix "A" Bulk Material Sample Summary
- Appendix "B" Laboratory Reports
- Appendix "C" Inspector Licenses and Accreditations
- Appendix "D" Laboratory Accreditations

SECTION III

OBSERVATIONS / RECOMMENDATIONS

All discovered suspect materials were sampled on the interior and exterior of the building. Attic contains non-suspect fiberglass batt-type insulation. Exterior siding non-asbestos hardi-plank siding. Foundation was noted to be block and concrete with a concrete slab basement floor. Windows were found to be replacement double-hung, casement windows. No glazing of any type was noted on the windows. Window caulk was found not to contain asbestos. The roof is a newer architectural shingle that does not contain asbestos. Most floor coverings were noted to be either hardwood or non-asbestos ceramic.

The only material that was discovered to contain asbestos was the floor tile beneath carpet in the northernmost bedroom on the 2nd floor. The associated mastic was noted not to be asbestos-containing.

At the time of this inspection, this material was in good shape and is not considered friable. It may be left in place for demolition, but then the entirety of the debris must be handled, transported and disposed of as Category I non-friable asbestos. As a result, it is recommended that this material be removed prior to demolition because it is likely to be more expensive to leave it in place due to these handling requirements/costs.

The only suspect material on either the garage or shed was the roof shingles. The roof shingles were noted not to be asbestos-containing.

SECTION IV

SUMMARY OF ASBESTOS BULK SAMPLE RESULTS

During the course of this asbestos identification survey building materials were sampled and analyzed by Polarized Light Microscopy (PLM) using methods specified in EPA 40 CFR Part 763 Appendix A, Subpart F. The following materials were found to be *asbestos-containing*:

Floor tile - Approximately 180 square feet.

During the course of this asbestos identification survey building materials were sampled and analyzed by Polarized Light Microscopy (PLM) using methods specified in EPA 40 CFR Part 763 Appendix A, Subpart F. The following materials were found to be *non-asbestos-containing*:

- Drywall Joint Compound
- 24"x 24" Ceiling Tiles
- Roof Shingle (House)
- 2"x 2" Ceramic Floor Tiles
- Ceramic Tile Grout
- Ceramic Tile Thin set
- Ceramic Wall Tiles
- Ceramic Wall Tile Mastic
- Mastic beneath asbestos-containing floor tile
- Hardi-Plank Siding
- Gray Exterior Window Caulk
- White Exterior Window Caulk
- Ceramic Kitchen Backsplash
- Adhesive from Ceramic Kitchen Backsplash
- Roof Shingle (Garage/Shed)

A complete list of all sample locations, descriptions, and results are contained in the attached appendices.

SECTION V

METHODOLOGY

Bulk sampling was performed on visible and accessible materials only. No significant demolition was performed to access inaccessible and hidden materials although walls were penetrated in several locations. A total of sixty-two (29) samples were analyzed.

However, it is possible that there are materials that could be disturbed during demolition that were not discovered during this survey. Although unlikely, materials that may be hidden include, but are not limited to fire doors, interior HVAC insulation, gaskets, adhesives, thermal system insulation within walls, tunnels, chases, and other inaccessible and/or unknown areas.

If suspect materials not noted in this survey are discovered, these materials must be sampled to determine asbestos content or may be assumed to be asbestos-containing and subsequently be removed, transported, and disposed of as asbestos-containing material. It is illegal to assume that suspect materials are free of asbestos unless they are specifically mentioned in this report. Integrity Environmental Services, Inc. does not claim or certify that other asbestos containing materials do not exist within this structure.

SECTION VI

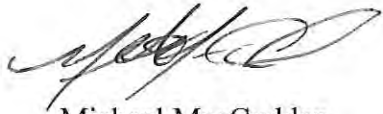
RESTRICTIONS

This report was developed by Integrity Environmental Services, Inc. on behalf of the Wisconsin Department of Transportation for their exclusive use. The information contained herein shall be considered proprietary to the Wisconsin Department of Transportation and to Integrity Environmental Services, Inc.

Distribution of any or all information may only be done upon consent of Wisconsin Department of Transportation and to Integrity Environmental Services, Inc.

If you have any questions regarding items contained in this report, please don't hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Michael MacCudden', with a stylized, cursive script.

Michael MacCudden
Integrity Environmental Services, Inc.

APPENDIX “A”

BULK SAMPLE TABLE

APPENDIX A
BULK MATERIAL SAMPLE SUMMARY

Client Address:	<p align="center">Wisconsin DOT 141 NW Barstow St Waukesha, Wisconsin 53186-0798</p>	Site Location:	14523 Spring Street, Yorkville, WI
Laboratory: MicroAnalytical	Date Sampled: 2/15/2016		
Analytical Method: Polarized Light Microscopy EPA/600/R-93/116	Date Sent to Lab: 2/15/2016		
Job Number: YH-102156	Results Received: 9/10/13 - E-mail		

Sample #	Sample Description	Sample Location	Asbestos Content
101A	Drywall Joint Compound	Dining Room	None Detected
101B	Drywall Joint Compound	Living Room	None Detected
101C	Drywall Joint Compound	Stairwell to 2nd	None Detected
101D	Drywall Joint Compound	Side Entrance Foyer	None Detected
101E	Drywall Joint Compound	2nd Floor North Bedroom	None Detected
101F	Drywall Joint Compound	Basement - South	None Detected
102A	Roof Shingle	Roof	None Detected
103A	2' x 2' Ceiling Tile(Chips/Pinholes)	Basement - South	None Detected
103B	2' x 2' Ceiling Tile(Chips/Pinholes)	Basement - South	None Detected
104A	2" Ceramic	Side Entrance Foyer	None Detected
104A-II	Grout/Thinset from 104A	Side Entrance Foyer	None Detected
105A	Ceramic Wall	Main Bath	None Detected
105A-II	Mastic from 105A	Main Bath	None Detected
106A	Ceramic Floor	Basement	None Detected
106A-II	Grout/Thinset from 106A	Basement	None Detected
107A	Ceiling Texture	2nd Floor North Bedroom	None Detected
107B	Ceiling Texture	2nd Floor North Bedroom	None Detected
107C	Ceiling Texture	2nd Floor South Bedroom	None Detected

APPENDIX “B”

LABORATORY REPORTS

MICRO ANALYTICAL, INC.

11521 West North Avenue
Milwaukee, WI 53226
(800) 771-9820 (414) 771-0855
Fax: (414) 771-6570

BULK ASBESTOS ANALYTICAL REPORT
Utilizing PLM and Dispersion Stain Technique

Customer:

Report #: 143617
Received: 15-Feb-2016
Analyzed: 16-Feb-2016

Job ID: YH-102156

Sample ID	% Asbestos	Non-Asbestos Fibrous Components	Non-Fibrous Components	Color	Texture
101A	None Detected		100%	Off-White	Compact
101B	None Detected		100%	Off-White	Compact
101C	None Detected		100%	Off-White	Compact
101D	None Detected		100%	Off-White	Compact
101E	None Detected		100%	Off-White	Compact
101F	None Detected		100%	Off-White	Compact
102A	None Detected	35% Cellulose	65%	Black	Resinous
103A	None Detected	15% Fibrous Glass 50% Cellulose	35%	Gray	Compressed
103B	None Detected	15% Fibrous Glass 50% Cellulose	35%	Gray	Compressed
104A	None Detected		100%	Tan	Ceramic Tile
104A II	None Detected		100%	Gray	Compact
105A	None Detected		100%	Tan	Ceramic Tile
105A II	None Detected		100%	Off-White	Mastic
106A	None Detected		100%	Tan	Ceramic Tile
106A II	None Detected		100%	White	Compact
107A	None Detected		100%	Off-White	Compact
107B	None Detected		100%	Off-White	Compact
107C	None Detected		100%	Off-White	Compact
107D	None Detected		100%	Off-White	Compact
108A	2% Chrysotile		98%	Tan	Floortile
108A II	None Detected		100%	Tan	Mastic
109A	None Detected	20% Cellulose	80%	Gray	Compact

Sample ID	% Asbestos	Non-Asbestos Fibrous Components	Non-Fibrous Components	Color	Texture
110A	None Detected		100%	Gray	Resinous
110B	None Detected		100%	Gray	Resinous
111A	None Detected		100%	Gray	Resinous
111B	None Detected		100%	Gray	Resinous
112A	None Detected		100%	Tan	Ceramic Tile
112A II	None Detected		100%	White	Compact
113A	None Detected	35% Cellulose	65%	Black	Resinous

Analyzed By: Kevin Hachey

Test method: EPA/600/R-93/116 and EPA/600/M4-82-020. Quantitation is done by Calibrated Visual Estimation which has an accepted Relative Percent Difference of 35. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This test report relates only to the items tested and shall not be reproduced except in full, without the written approval of MICRO ANALYTICAL, INC.

APPENDIX “C”

**INSPECTOR LICENSES AND
ACCREDITATIONS**

Milwaukee Lead/Asbestos Information Center

A division of Midwest Certified Training, Inc.
3495 North 124th Street, Brookfield, WI 53005 Phone: 414-481-9070



Thomas Russell Jackson

*Has successfully completed a course and passed the examination on March 2, 2015
with a minimum score of 70 percent, that meets all criteria for the State of Wisconsin
Recertification as an*

Asbestos Inspector Refresher Course

March 2, 2015

Date of Course:

March 2, 2015

Date Issued

Date of Expiration: *March 2, 2016*

Certification Number: *AIR15030251213*

Location: *Milwaukee Lead/Asbestos Information Center, 3495 North 124th Street, Brookfield, WI 53005*

DCQ Course ID #: *9606*

Eric Feldmeyer

*Eric Feldmeyer, Director of Milwaukee Lead/Asbestos Information Center, Inc.
3495 North 124th Street
Brookfield, WI 53005
414-481-9070*

This training course complies with the requirements of TSCA Title II and is accredited by the State of Wisconsin Department of Health Services under ch. DHS 159, Wis. Admin. Code.

ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN

Dept. of Health Services



Thomas Russell Jackson

9870 W Elm Leaf Ln

Franklin WI 53132-9792

AII-572	Exp: 03/14/2016	250 lbs	6' 02"
		02/24/1963	Male

Training due by: 03/14/2016

APPENDIX “D”

LABORATORY ACCREDITATIONS



**AIHA
PAT
PROGRAMS**

AIHA Proficiency Analytical Testing Programs
3141 Fairview Park Drive, Suite 777, Fall Church, VA 22042 USA
main 1+ 703-846-0757 fax 1+ 703-207-8558
email info.patllc@aiha.org web www.aihapat.org
Page 1 of 4

Report Issue Date: 02/17/2015

Jon Yakish
Micro Analytical, Inc.
11521 W. North Ave.
Milwaukee, WI 53226

Participant ID# 101057

Dear Jon Yakish,

Please find your organization's Industrial Hygiene Proficiency Analytical Testing results for **IHPAT Round 200**. It is the participant's responsibility to thoroughly review results and to immediately contact the AIHA Proficiency Analytical Testing Programs in writing, if any errors are found in your report.

The proficiency demonstrated by the results of this IHPAT round is valid until the results of the retest round are available on April 15, 2015, if the participant chooses to enroll, or until May 15, 2015 when the next IHPAT report will be available. Unacceptable performance may be improved by correctly analyzing a set of retest samples. If you require a retest for the round, you may order one by completing the Retest Order Form available online at www.aihapat.org. The completed form and payment must be received by February 25, 2015. Refer to the PAT Programs Schedule located at www.aihapat.org for important retest round dates.

Please handle, store and analyze your PAT samples in the same manner as routine client samples. To submit results, visit the Proficiency Analytical Testing (PAT) page and click on the PAT Data Entry Portal: www.aihapat.org. **Always print and save the confirmation page** after submitting data via the PAT Data Entry Portal.

Participants shall not describe their proficiency status in a manner that implies accreditation, certification or variations thereof. PAT results pertain only to the participant organization at the location listed on this results report. AIHA PAT Programs makes every effort to ensure that individual participant results are kept confidential and are not made public. Round results are only released to the participant and those entities requiring this information for accreditation, regulatory and contract purposes. New participants are made aware of the arrangement in advance of participation and consent is sought prior to the release of records for participants. PAT reports may not be reproduced or distributed unless copied in its entirety.

Any enrolled participant that is unable to participate in a PT round must request an "Excused Absence" in order to not receive outliers and an unacceptable performance rating. This written request must be received before the PT round closes. Please note that an "Excused Absence" will not be granted for more than two consecutive rounds.

IHPAT Round 201 sample kits will be mailed to participants around April 1, 2015. An email will be sent out upon shipment of the samples. If you do not receive samples within fifteen (15) days after the ship date please contact the AIHA PAT Programs. Your organization's data will be due by 11:59pm ET on May 1, 2015. The analytes for **IHPAT Round 201** are:

- **Metals – cadmium, lead, nickel**
- **Asbestos – chrysotile**
- **Silica – calcite**
- **Organics – methanol**

Samples are generated, characterized, packaged, and shipped by SRI International, Menlo Park, CA 94025 under contract with AIHA Proficiency Analytical Testing Programs. Unless otherwise noted, sample homogeneity and stability criteria were satisfied for all samples.

I encourage you to contact me with any feedback, questions or if you wish to contest your results at aoler@aiha.org.

Sincerely,

Angela Oler ASQ CQA
Manager, AIHA PAT Programs

Industrial Hygiene Proficiency Analytical Testing Results

This document contains three sub-reports relating to IHPAT Round 200. The first report contains your organization's results listed per contaminant, per sample. The second report contains your current and 2 previous test round performance respectively (where applicable), and the final report contains summary results for all participants for IHPAT Round 200.

Testing Results for IHPAT Round 200

This part of the report contains your organization's results listed per contaminant, per sample.

Contaminant	Units	#	Result	Ref. Value	Lower Limit	Upper Limit	z-Score	Rating
Asbestos / Fibers (ASB)	f/mm2	1	475	558	307	883	-0.9	A
	f/mm2	2	182	165	81	280	0.5	A
	f/mm2	3	289	324	178	513	-0.6	A
	f/mm2	4	45	63	31	107	-1.5	A

Statistical Analysis Interpretation Note:

Reference value is the mean of the reference group.

Lower limit = reference value - 3 standard deviations; Upper limit = reference value + 3 standard deviations

z-Score = (reported result - reference value)/standard deviation. Note: z-Scores are used to predict trends and to indicate how far a particular score is away from the mean.

A – Acceptable* Analysis; U - Unacceptable Analysis

Fiber data are positively skewed therefore transformations are used to obtain approximately normal distributions.

Both the assigned values and acceptance limits are based on consensus of the reference group. *The acceptability of reported results is based on upper and lower acceptance limits. This is why a reported result may appear unacceptable according to z-Score, but be identified as acceptable.

Any non-participation or non-reporting of PAT data will result in unacceptable results (see PAT Programs Participation Policies, Section 2.1.6.2.).

Overall Performance Summary Concluding with 200

The following table contains your organization's current and 2 previous test rounds performance respectively (where applicable). For more information in regard to the determination of proficiency, please visit: www.aihapat.org.

Sample	Round	Round Score	Round Performance	Proficiency Status -Three Round Score
Asbestos	198	3/4	Pass	
	199	4/4	Pass	
	200	4/4	Pass	P

Interpretation Note:

The denominators represent the total number of samples analyzed.

The numerators represent the number of acceptable results.

Pass: Round Score \geq 75% Fail: Round Score < 75%

P – Proficient; NP – Non-proficient; I – Indeterminate (not enough rounds to determine proficiency)

A participant is rated proficient for the applicable IHPAT analyte group if the participant has a passing score for the applicable IHPAT analyte group in two (2) of the last three (3) consecutive PT rounds. A participant is rated non-proficient for the applicable PT analyte group if the participant has failing scores for the associated PT analyte group in two (2) of the last three (3) consecutive PT rounds.

The following items are available in the Industrial Hygiene Scheme Plan:

Procedures used to statistically analyze the data, establish any assigned value and standard deviation for proficiency assessment, or other criteria for evaluation; details of the metrological traceability and measurement uncertainty of any assigned value; information about design and implementation of PT scheme. Industrial Hygiene Scheme Plan is available at <http://www.aihapat.org/documents-policies-fees/Pages/default.aspx>. Measurement uncertainty of any assigned value is also available on the respective certificate of analysis for the round.

Technical Comment: No remarkable observations.

Performance of all Participants for IHPAT Round 200

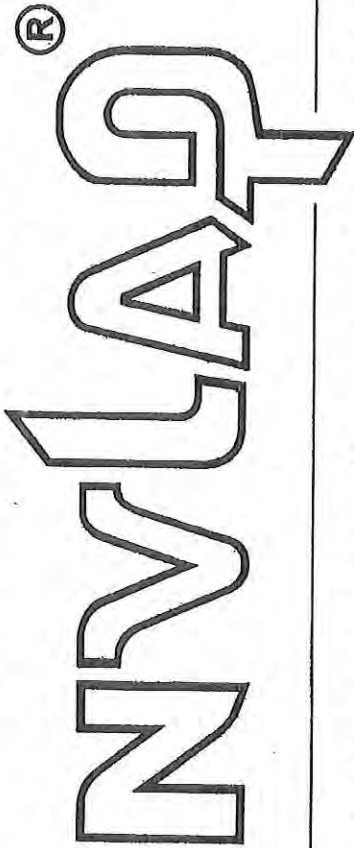
The following table contains aggregate results for all participants IHPAT Round 200.

Contaminant	#	Ref. Value	Ref. Std. Dev.**	RSD (%)	Uncertainty Measurement	Total Participants	Total Acceptable	Low*	High*
Cadmium (CAD)	1	0.00474	0.00019	4.0	0.000024	151	143	5	3
	2	0.02424	0.00109	4.5	0.000138	151	141	7	3
	3	0.01102	0.00055	5.0	0.000070	151	145	2	4
	4	0.00806	0.00038	4.8	0.000048	151	148	1	2
Lead (LEA)	1	0.1267	0.0051	4.0	0.000645	152	145	5	2
	2	0.0370	0.0021	5.6	0.000264	152	146	1	5
	3	0.0790	0.0034	4.3	0.000431	152	138	6	8
	4	0.0508	0.0022	4.4	0.000286	152	142	4	6
Manganese (MNG)	1	0.0923	0.0037	4.0	0.000469	152	143	2	7
	2	0.0368	0.0016	4.4	0.000204	152	145	1	6
	3	0.0555	0.0026	4.7	0.000330	152	140	1	11
	4	0.0183	0.0007	4.0	0.000093	152	142	0	10
Silica (SIL)	1	0.0600	0.0069	11.5	0.001437	49	48	0	1
	2	0.0741	0.0063	8.5	0.001320	49	45	4	0
	3	0.1988	0.0178	9.0	0.003712	49	48	1	0
	4	0.1566	0.0150	9.6	0.003126	49	49	0	0
Asbestos / Fibers (ASB)	1	558	96	17.2	12.375619	743	695	16	32
	2	165	33	20.0	4.272700	743	688	6	49
	3	324	56	17.2	7.187728	743	691	11	41
	4	63	13	20.0	1.630121	743	707	14	22
Chloroform (CFM)	1	0.1116	0.0055	4.9	0.000874	110	98	7	5
	2	0.5586	0.0223	4.0	0.003577	110	100	2	8
	3	1.1651	0.0466	4.0	0.007462	110	99	5	6
	4	0.2793	0.0115	4.1	0.001841	110	97	3	10
1,2-Dichloroethane (DCE)	1	0.6501	0.0299	4.6	0.004781	109	96	8	5
	2	0.0809	0.0053	6.5	0.000849	109	102	3	4
	3	0.3140	0.0130	4.1	0.002077	109	98	6	5
	4	1.0693	0.0462	4.3	0.007393	109	99	5	5
1,1,1-Trichloroethane (MCM)	1	0.0946	0.0064	6.8	0.001031	108	95	4	9
	2	0.4880	0.0291	6.0	0.004657	108	98	3	7
	3	0.2335	0.0142	6.1	0.002277	108	99	1	8
	4	0.9477	0.0488	5.2	0.007816	108	92	4	12

Note: **The reference group standard deviation is used but is limited to no less than 4% relative standard deviation or no greater than 20% relative standard deviation.

***Low** - number of participant results that are less than the Lower Limit; ***High** - number of participant results that are greater than the Upper Limit. Reference group/participant data sets for individual methods are not separated out during statistical analysis. Methods appear equivalent during data review. Additional technical comments or recommendations, when available, shall be shared with participants via the web and participants shall be notified via email.

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101247-0

Micro Analytical, Inc.
Milwaukee, WI

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

BULK ASBESTOS FIBER ANALYSIS

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2015-01-01 through 2015-12-31

Effective dates



A handwritten signature in dark ink, appearing to read "W. D. M. L. D.", is written over a horizontal line.

For the National Institute of Standards and Technology



**National Voluntary
Laboratory Accreditation Program**



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Micro Analytical, Inc.

11521 W. North Ave.

Milwaukee, WI 53226

Mr. Jon Yakish

Phone: 414-771-0855 Fax: 414-771-6570

E-Mail: microanalytical@att.net

BULK ASBESTOS FIBER ANALYSIS (PLM)

NVLAP LAB CODE 101247-0

NVLAP Code Designation / Description

18/A01 EPA 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

18/A03 EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

2015-01-01 through 2015-12-31

Effective dates

For the National Institute of Standards and Technology

BID FORM INSTRUCTIONS

(Please Read Carefully)

Option A: THE BIDDER INTENDS TO MAKE PAYMENT TO THE STATE OF WISCONSIN.

Option B: THE BIDDER INTENDS TO RECEIVE PAYMENT FROM THE STATE OF WISCONSIN.

1. Under the column entitled "Option A," insert the amount, if any, in numerals (dollars and cents) for each parcel that the bidder intends to pay the State of Wisconsin.
2. Under the column entitled "Option B," inset the amount, if any, in numerals (dollars and cents) for each parcel that the bidder intends to be paid by the State of Wisconsin.
3. A bid of \$0.00 is acceptable.
4. Bidder must bid on each parcel but only under one option per parcel.
5. A bid, which lists an amount under both options, will be considered an irregular bid and rejected.
6. Bidder must either leave blank or line out the blank under the option for which the bidder does not submit a bid.
7. The contract, if awarded, will be awarded based on the bid most favorable to the Department. A combined net bid is the difference between bids under Option A and Option B. Therefore, in the "Total Bid or Combined Net Bid" row on the Bid Proposal, if you bid under only one option for all parcels, enter the total amount. If you bid under Option A for some parcels and Option B for other parcels, enter the difference between the two bids. (Reference Article 6, Award of Contract)
8. The bid proposal shall remain completely intact when submitted.
9. A SEPARATE CERTIFIED CHECK, BANK'S DRAFT, BANK'S CHECK, OR POSTAL MONEY ORDER FOR THE BID AMOUNT IN THE "OPTION A" SUBTOTAL COLUMN SHALL BE ATTACHED TO THE BID PROPOSAL.
10. **PROPOSAL GUARANTY** (see Subsection 102.8 of the Standard Specifications). **ONE OF THE FOLLOWING NEEDS TO BE COMPLETED BY THE BIDDER AND RETURNED WITH THE BID PROPOSAL: (1)** a properly executed Bid Bond (form to be used is found near the front of this proposal – *do not* remove from bid proposal); **or (2)** a properly executed Annual Bid Bond (form to be used is found near the front of this proposal – *do not* remove from bid proposal); **or (3)** a separate certified check, bank's draft, bank's check, or postal money order in the amount of the proposal guaranty that is to be attached to the second page of this bid proposal under "Please Attach Proposal Guaranty Here."

Note: Deposit a valid surety bond with the department in the amount designated on the bond form covering both performance and payment. Submit the contract bond on a department-furnished form. This is also stated in standard spec 103.5.

BID PROPOSAL

Project ID 1060-33-23, Parcel 24, 8311 W Bluemound Rd, Wauwatosa, WI, Milwaukee County

Project ID 1228-16-21, Parcel 1, 535 W Green Tree Rd, River Hills, WI, Milwaukee County

Project ID 2250-12-22, Parcel 2, 615 W Main St, Waterford, WI, Racine County.

Project ID 2250-12-22, Parcel 3, 605 W Main St, Waterford, WI, Racine County.

Project ID 2250-12-22, Parcel 4, 601 W Main St, Waterford, WI, Racine County.

Project ID 2340-00-26, Parcel 11, 14523 Spring St, Yorkville, WI, Racine County.

Project/Parcel Number	Option A – Contractor to Pay WisDOT	Option B – Contractor to Receive Payment from WisDOT
1060-33-23 Parcel 24	\$	\$
1228-16-21 Parcel 1	\$	\$
2250-12-22 Parcel 2	\$	\$
2250-12-22 Parcel 3	\$	\$
2250-12-22 Parcel 4	\$	\$
2340-00-26 Parcel 11	\$	\$
Option A Total:	\$	////////////////////////////////////
Option B Total:		\$
Total Bid or Combined Net Bid		\$

PLEASE NOTE: A separate Certified Check, Bank's Draft, Bank's Check, or Postal Money Order for the Bid Amount in the "Option A" subtotal column shall be attached to this Bid Proposal – see *Bid Form Instructions* for specific information.

Firm Name (_____) _____
Telephone Number with Area Code (where you can be reached during business hours)

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Check box if Bidding Contractor is a Certified Asbestos Abatement Contractor and will perform the required asbestos removals under this contract, **OR** complete the following:

IF APPLICABLE:

I will use the following Licensed Asbestos Abatement Subcontractor to perform the required asbestos removal under this Contract:
Name:
Address:
Phone:

PLEASE ATTACH SCHEDULE OF ITEMS HERE