

HIGHWAY WORK PROPOSAL – RAZING AND REMOVING

Proposal Number:

Ø 1

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

COUNTY	STATE PROJECT ID	PROJECT DESCRIPTION	HIGHWAY
Milwaukee	2060-18-20, Parcel 6	Chase Ave, City of Milwaukee Bridge Over UP RR B40-571	STH 38

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, \$ 2,000.00
Payable to: Wisconsin Department of Transportation

Attach Proposal Guaranty.

Bid submittal due
Date: May 11, 2023
Time (local time): 9:00 a.m.

Firm name, address, city, state, zip

Contract completion time
Forty Five (45) 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)

(Bidder Signature)

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

(Print or Type Bidder Name)

(Date Commission Expires)

(Bidder Title)

Notary Seal

For Department Use Only

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

**PLEASE ATTACH
PROPOSAL GUARANTY HERE**

NOT FOR BIDDING PURPOSES

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)

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

(Signature of Attorney-in-Fact)

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

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)

NOT FOR BIDDING PURPOSES

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.

NOT FOR BIDDING PURPOSES

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 2060-18-20, Parcel 6; Chase Ave, City of Milwaukee; Bridge over UP RR B40-571; STH 38; Milwaukee 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 2023 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 2023 Edition is available for browsing, download, or to place an order for a hard copy at:

<http://wisconsin.gov/Pages/doing-business/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>
2060-18-20	6	A one story (+/- 499 SF) single family wood frame home with a full partially finished basement. There is a small wooden shed, misc. plantings, fencing and wood deck. Asbestos, if present, must be removed pursuant to Article 15 of the Special Provisions. Utility disconnects should be done prior by WisDOT. Please confirm prior to starting work or demolition letters will be provided once completed.	103 E. Ohio Avenue, Milwaukee, WI

Perform the following:

1. Remove the structures, fencing and decks from the premises.
2. Remove and dispose of all asbestos and hazardous materials in compliance with this contract and 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 if not done prior. 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. Also, 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, SE Region, Attn: Scott Dellenbach, 141 NW Barstow Street, Waukesha, WI 53187, Phone 414-327-2607, at least 72 hours in advance of beginning work.

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. Bat Inspections for Removing Buildings

The contractor is responsible for inspecting the buildings to be demolished for bats. The inspection must occur from April 1 – October 31, both dates inclusive. The inspection shall adhere to the U.S. Fish and Wildlife Service and Wisconsin Department of Natural Resources (DNR) inspection guidance documents:

<https://www.fws.gov/sites/default/files/documents/appendix-d-bridge-culvert-bat-assessment-form-guidance-february-2021.pdf>

<https://dnr.wisconsin.gov/sites/default/files/topic/ERReview/CaveBatBroadITP-AConservationPlan.pdf>

The following inspection form must be completed for each building and submitted to the engineer at least 10 working days before any removal operations.

<https://www.fws.gov/sites/default/files/documents/appendix-d-bridge-culvert-bat-assessment-form-march-2022.pdf>

No restrictions apply to a building if no bats or evidence of bats are observed in the building. If bats or evidence of bats are observed in a building, no demolition of a building with bats or evidence of bats may occur from June 1 – August 15, both dates inclusive. That building may be demolished from November 1 – March 15, both dates inclusive. If bats are excluded

for at least 7 consecutive days immediately prior to demolition, that building may be demolished from March 16 – May 31 or August 16 – October 31, dates inclusive. See [Broad Incidental Take Permit/Authorization for Cave Bats \(wisconsin.gov\)](http://www.wisconsin.gov) for bat exclusion requirements.

If any bats are discovered during razing, immediately cease razing operations on the site and contact the engineer. The department will coordinate the transfer of live bats to a wildlife coordinator.

Inspections are incidental to the Removing Buildings bid item.

14. Asbestos Removal.

An asbestos inspection has been completed for the buildings to be demolished. Copies of the inspection reports can be obtained from: WisDOT-DTSD-SE Region - Attn: Scott Dellenbach, Waukesha, WI 53187, 414-327-2607 or scott@tva-llc.com.

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) Department of Health Services (DHS) 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. A copy of the abatement and disposal report must be submitted to :
WisDOT-DTSD-SE Region - Attn: Scott Dellenbach, 141 NW Barstow Street, Waukesha, WI 53187, Phone 414-327-2607 or scott@tva-llc.com.

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

15. Notice to Department of Natural Resources.

For all buildings to be razed or removed, a notification of demolition and/or Renovation (form 4500-113) and all applicable fees 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. A copy of this notice must be submitted to: WisDOT-DTSD-SE Region – Attn: Scott Dellenbach, 141 NW Barstow Street, Waukesha, WI 53187, Phone 414-327-2607 or scott@tva-llc.com

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>

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 or email a copy of this notice within ten days of DNR notification to: Email: scott@tva-llc.com Or WisDOT-DTSD-SE Region - Attn: Scott Dellenbach, 141 NW Barstow Street, Waukesha, WI 53187, Phone 414-327-2607.

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. <https://dnr.wi.gov/warsreport/report>

Provide a copy of the Well Abandonment Report form(s), within 30 days of abandonment, to: Email: scott@tva-llc.com Or WisDOT-DTSD- WisDOT-DTSD-SE Region - Attn: Scott Dellenbach, 141 NW Barstow Street, Waukesha, WI 53187, Phone 414-327-2607.

16. 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.

All hazardous waste, lamps, ballasts, or mercury containing items must be disposed of through the mandatory statewide hazardous waste contract. Follow the procedures in FDM 21-35-35. <https://wisconsin.gov/rdwy/fdm/fd-21-35.pdf#fd21-35-35> Contact information for the hazardous waste disposal vendor is found here: <https://wisconsin.gov/Documents/doing-bus/eng-consultants/cnslt-rsrcs/environment/hazwaste-contacts.pdf>

17. 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.

18. 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.

19. 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 and submit a completed abandonment report to: .

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).

All hazardous waste, lamps, ballasts, or mercury containing items must be disposed of through the mandatory statewide hazardous waste contract. Follow the procedures in FDM 21-35-35. <https://wisconsin.gov/rdwy/fdm/fd-21-35.pdf#fd21-35-35> Contact information for the hazardous waste disposal vendor is found here: <https://wisconsin.gov/Documents/doing-business/eng-consultants/cns/lt-rsrcs/environment/hazwaste-contacts.pdf>

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

20. 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, SE Region, Attn: Scott Dellenbach, 141 NW Barstow Street, Waukesha, WI 53187, Phone 414-327-2607 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.

Site restoration: A minimum of 5 inches of clear topsoil shall cover all backfill. 70% vegetation coverage on the site within 90 days of completion of demolition shall be established prior to the removal of erosion control materials.

21. 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.

NOT FOR BIDDING PURPOSES

ADDITIONAL SPECIAL PROVISION 4

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.

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 is not allowed to withhold 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.

Acceptance and Final Payment

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.

NOT FOR BIDDING PURPOSES

NOT FOR BIDDING PURPOSES

Additional Special Provision 6
ASP 6 - Modifications to the standard specifications

Make the following revisions to the standard specifications:

416.2.4 Concrete Pavement Repair and Replacement

Replace the entire text with the following effective with the November 2022 letting:

- (1) Except as specified in 416.3.6 for inlaid rumble strips, use grade C concrete as specified in 501.
- (2) The engineer will allow the contractor to open to construction and public traffic when the concrete reaches 2000 psi.

416.2.5 Special High Early Strength Concrete Pavement Repair and Replacement

416.2.5.1 Composition and Proportioning of Concrete

Replace paragraph one with the following effective with the November 2022 letting:

- (1) For the concrete mixture, use a minimum of 846 pounds of cementitious material per cubic yard of concrete. The engineer will allow the contractor to open to construction and public traffic when the concrete reaches 2000 psi. The contractor may add one or a combination of admixtures to the ingredients or to the mixture in order to obtain the required minimum strength and required air content. Do not retemper the concrete mixture.

455.2.4.3 Emulsified Asphalts

Replace paragraph one with the following effective with the November 2022 letting:

- (1) Furnish material conforming, before dilution, to the following:
 - Anionic emulsified asphalts^[1]..... AASHTO M140
 - Cationic emulsified asphalts^[1] AASHTO M208
 - Polymer-modified cationic emulsified asphalts AASHTO M316
- ^[1] Non-tracking emulsified asphalts shall conform to TABLE 455-1 for the type and grade specified.

TABLE 455-1 Requirements for Non-Tracking Emulsified Asphalt

PRODUCT	ANTT	CNTT
Saybolt Viscosity at 77°F (25°C), (AASHTO T 59), SFS	15-100	15-100
Paddle Viscosity at 77°F (25°C), (AASHTO T 382), cPs ^[1]	30-200	30-200
Storage Stability Test, 24 hr, (AASHTO T 59), %	1 max	1 max
Residue by Distillation, 500 ± 10 °F (260 ± 5 °C), or Residue by Evaporation, 325 ± 5 °F (163 ± 3 °C), (AASHTO T 59), %	50 min	50 min
Sieve Test, No. 20 (850 µm), (AASHTO T 59), %	0.3	0.3
Penetration at 77°F (25°C), 100 g, 5 sec, (AASHTO T 49), dmm	10-40	10-40
Ash Content, (AASHTO T 111), %	1 max	1 max
Solubility in Trichlorethylene Test, (AASHTO T 44) ^[2]	97.5% min	97.5% min

^[1] Paddle Viscosity (AASHTO T 382) may be run in lieu of Saybolt Viscosity (AASHTO T 59).

^[2] The solubility in Trichlorethylene test (AASHTO T 44) may be run in lieu of Ash Content (AASHTO T 111).

455.2.5 Tack Coat

Replace paragraph one with the following effective with the November 2022 letting:

- (1) Under the Tack Coat bid item, furnish type SS-1h, CSS-1h, QS-1h, CQS-1h, ANTT, CNTT, or modified emulsified asphalt with an “h” suffix, unless the contract specifies otherwise.

710.5.7 Corrective Action**710.5.7.1 Optimized Aggregate Gradations**

Replace paragraph one with the following effective with the November 2022 letting:

- (1) If the contractor's 4-point running average or a department test result of the volumetric percent retained exceeds the tarantula curve limits by less than or equal to 1.0 percent on a single sieve size, notify the other party immediately and do one of the following:
- Perform corrective action documented in the QC plan or as the engineer approves. Continue with the following:
 1. Document and provide corrective action results to the engineer as soon as they are available.
 2. Department will conduct two tests within the next business day after corrective action is complete.
 - If blended aggregate gradations are within the tarantula curve limits by the second department test:
 - Continue with concrete production.
 - Include a break in the 4-point running average.
 - For Class I Pavements: The department will discontinue reduced frequency testing and will test at a frequency of 1 test per placement day. Once 5 consecutive samples are passing at the 1 test per placement day frequency, the reduced frequency testing will be reapplied.
 - If blended aggregate gradations are not within the tarantula curve limits by the second department test and the contract requires an optimized aggregate gradation mix under 501.2.7.4.2.1(2), stop concrete production and submit a new optimized aggregate gradation mix design.
 - If blended aggregate gradations are not within the tarantula curve limits by the second department test and the contract does not require an optimized aggregate gradation mix under 501.2.7.4.2.1(2), stop concrete production and submit either a new optimized aggregate gradation mix design or a combined aggregate gradation mix design.
 - Submit a new optimized aggregate gradation mix design and perform the following:
 1. Restart control charts for the new mix design.
 2. Amend contractor Quality Control Plan

715.5 Payment

Replace the entire text with the following effective with the November 2022 letting:

715.5.1 General

- (1) The department will pay incentive for concrete strength under the following bid items:
- | <u>ITEM NUMBER</u> | <u>DESCRIPTION</u> | <u>UNIT</u> |
|--------------------|--|-------------|
| 715.0502 | Incentive Strength Concrete Structures | DOL |
| 715.0603 | Incentive Strength Concrete Barrier | DOL |
| 715.0715 | Incentive Flexural Strength Concrete Pavement | DOL |
| 715.0720 | Incentive Compressive Strength Concrete Pavement | DOL |
- (2) Incentive payment may be more or less than the amount the schedule of items shows.
- (3) The department will administer disincentives for strength under the Disincentive Strength Concrete Structures, Disincentive Strength Concrete Barrier, Disincentive Flexural Strength Concrete Pavement, and Disincentive Compressive Strength Concrete Pavement, administrative items.
- (4) The department will adjust pay for each lot using PWL of the 28-day subplot average strengths for that lot. The department will measure PWL relative to strength lower specification limits as follows:
- Compressive strength of 3700 psi for pavements.
 - Flexural strength of 650 psi for pavements.
 - Compressive strength of 4000 psi for structures and barrier.
- (5) The department will not pay a strength incentive for concrete that is nonconforming in another specified property, for ancillary concrete accepted based on tests of class I concrete, or for high early strength concrete unless placed in pavement gaps as allowed under 715.3.1.2.2.
- (6) Submit test results to the department electronically using MRS software. The department will verify contractor data before determining pay adjustments.
- (7) All coring and testing costs under 715.3.2.2 including filling core holes and providing traffic control during coring are incidental to the contract.

715.5.2 Pavements**715.5.2.1 Compressive**

- (1) The department will adjust pay for each lot using equation "QMP 3.01" as follows:

Percent within Limits (PWL)	Pay Adjustment (dollars per square yard)
≥ 95 to 100	$(0.1 \times \text{PWL}) - 9.5$
≥ 85 to < 95	0
≥ 30 to < 85	$(1.5/55 \times \text{PWL}) - 127.5/55$
< 30	-1.50

- (2) The department will not pay incentive if the lot standard deviation is greater than 400 psi compressive.
- (3) For lots with a full battery of QC tests at less than 4 locations, there is no incentive, but the department will assess a disincentive based on the individual subplot average strengths. The department will reduce pay for sublots with an average strength below 3700 psi compressive by \$1.50 per square yard.
- (4) For integral shoulder pavement and pavement gaps accepted using tests from the adjacent travel lane, the department will adjust pay using strength results of the travel lane for integrally placed concrete shoulders and pavement gaps regardless of mix design and placement method, included in a lane-foot lot.

715.5.2.2 Flexural

- (1) The department will adjust pay for each lot using equation "QMP 6.02" as follows:

Percent within Limits (PWL)	Pay Adjustment (dollars per square yard)
≥ 95 to 100	$(0.2 \times \text{PWL}) - 19$
≥ 85 to < 95	0
≥ 50 to < 85	$(2.0/35 \times \text{PWL}) - 170/35$
< 50	-2.00

- (2) The department will not pay incentive if the lot standard deviation is greater than 60 psi flexural.
- (3) For lots with a full battery of QC tests at less than 4 locations, there is no incentive, but the department will assess a disincentive based on the individual subplot average strengths. The department will reduce pay for sublots with an average strength below 650 psi flexural by \$2.00 per square yard.
- (4) For integral shoulder pavement and pavement gaps accepted using tests from the adjacent travel lane, the department will adjust pay using strength results of the travel lane for integrally placed concrete shoulders and pavement gaps regardless of mix design and placement method, included in a lane-foot lot.

715.5.3 Structures and Cast-in-Place Barrier

- (1) The department will adjust pay for each lot using equation "QMP 2.01" as follows:

Percent within Limits (PWL)	Pay Adjustment (dollars per square yard)
≥ 99 to 100	10
≥ 90 to < 99	0
≥ 50 to < 90	$(7/8 \times \text{PWL}) - 78.75$
< 50	-35

- (2) The department will not pay incentive if the lot standard deviation is greater than 350 psi.
- (3) For lots with less than 4 sublots, there is no incentive, but the department will assess a disincentive based on the individual subplot average strengths. The department will reduce pay for sublots with an average strength below 4000 psi by \$35 per cubic yard.

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).

BUY AMERICA PROVISION

Buy America (as documented in M-22-11 from the Office of Management and Budget: <https://www.whitehouse.gov/wp-content/uploads/2022/04/M-22-11.pdf>) shall be domestic products and permanently incorporated in this project as classified in the following three categories, and as noted in the Construction and Materials Manual (CMM):

1. Iron and Steel

All iron and steel manufacturing and coating processes (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 the iron and steel manufacturing and coating processes Buy America 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.

2. Manufactured Product

All manufactured products (as defined in CMM 228.5) are covered under a previous waiver from 1983, and are currently exempt from Buy America.

3. Construction Material

All construction materials (as defined in OMB M-22-11 and as referenced in CMM 228.5) must comply with Buy America. No exemptions (0.0%) are allowed.

The contractor shall take actions and provide documentation conforming to CMM 228.5 to ensure compliance with this Buy America provision.

<https://wisconsindot.gov/rdw/cmm/cm-02-28.pdf>

Upon completion of the project, certify to the engineer, in writing using department form DT4567 that all iron and steel, manufactured products, and construction materials conform to this Buy America provision.

Form DT4567 is available at: <https://wisconsindot.gov/Documents/formdocs/dt4567.docx>

Attach a list of iron or steel exemptions and their associated costs to the certification form.

Exhibits

ID 2060-18-20 #6

Removal, Grading, Backfill

Site Diagram

Photos

Location Map

Asbestos Inspection and Abatement Report

REMOVE: Razing and removing a 499 SF commercial building with full partially finished basement. Any and all other relevant surrounding improvements and debris, if present. Asbestos, if present, must be removed pursuant to Article 15 of the Special Provisions.

Utility disconnects shall be done prior by WisDOT.

GRADING: As directed by the State Department of Transportation inspector. Reference Special Provisions - Article 2 – Item #5.

Floor Plan/Site Diagram – Following Page(s)

BACKFILL: Reference Special Provisions – Article 2 – Item #6

Site Improvements

The site is improved with a single-family residence.

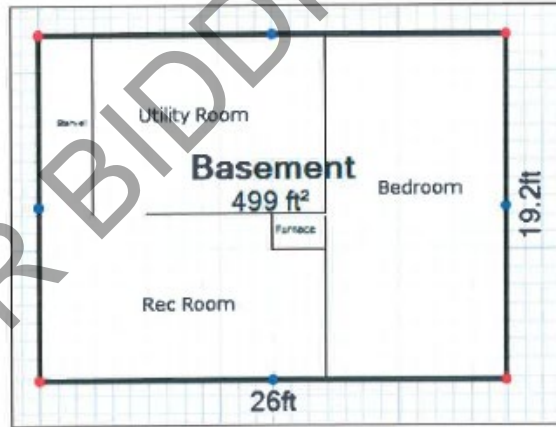
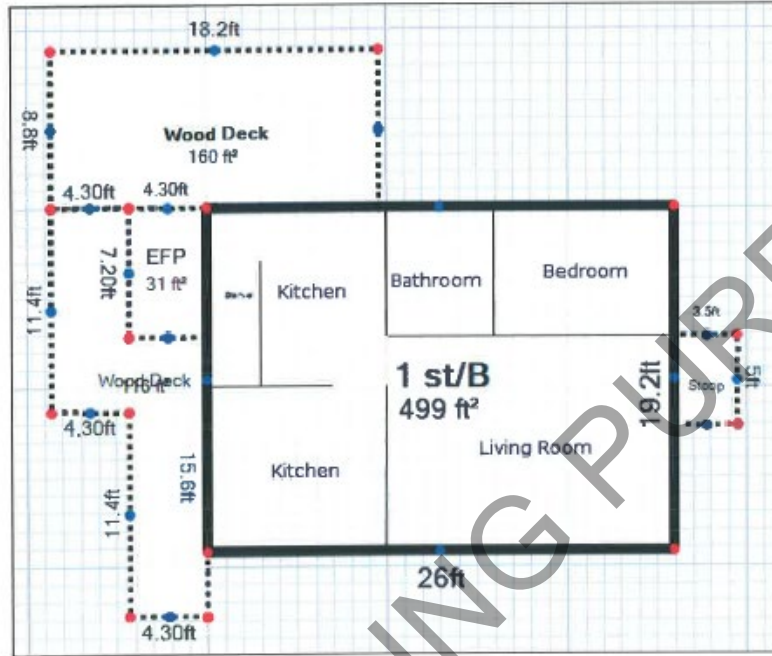
Aerial Map**Larger Parcel**

According to Public Records, the site contains approximately 0.06061-acres or 2,640-square feet. The subject is improved with a single-family residence. Per our research, the subject owners do not own any contiguous property. In my opinion, there is no potential for the subject property to be split or subdivided into multiple parcels or uses.

Conclusion

The property is comprised of a single larger parcel containing 0.06061-acres or 2,640-square feet. The site topography is generally level and at street grade. The subject is generally rectangular in shape with frontage along the east side of South Chase Avenue and the south side of East Ohio Avenue. Both municipal water and sewer are available and connected to the site.

FLOOR PLAN



IMPROVEMENT ANALYSIS

The following is a description of the improvements based on a review of available City of Milwaukee Assessor data and information obtained during a site inspection conducted on March 26, 2022. The property consists of a one story single-family residence built in 1948 for a physical age of 74 years. The improvements are located on a 0.06061-acre or 2,640 square foot parcel.

The subject has a gross living area of 499 square feet, with 4 total rooms, including 1 bedroom, 1.0 bath, and 2 rooms that function together as the kitchen. The original kitchen is located near the back entrance door and contains a double sink and cabinets. The other room was originally used as a bedroom but was converted into a kitchen area that currently contains a range and stove, refrigerator and cabinets. The subject property has a full, partially finished basement including a utility room, recreation room, and one room used as a bedroom. The subject property has one enclosed frame porch, a concrete stoop, a side and rear wood deck, wood fence, and a small garden shed. The subject is in fair physical condition.

The following description of the subject's improvements is based on a site inspection conducted on March 26, 2022. The basic construction features are summarized as follows:

Foundation

The subject has a full, partially finished basement with concrete block foundation walls.

Frame

The construction components include a wood frame.

Floor Construction

The subject's floor structure is summarized as follows:

<i>Foundation:</i>	Concrete block
<i>First Floor:</i>	Wood joist

Exterior Walls

Vinyl sided exterior walls.

Roof Cover

Roof is pitched with composition shingles and wood sheathing supported by wood rafters.

Exterior Condition

The overall physical exterior condition is fair.

Interior Finishes

* Floors:	Composite wood, linoleum, vinyl tile, and carpeting
* Walls:	Painted drywall
* Ceilings:	Painted drywall
* Summary:	Interior finishes are in fair condition

HVAC

The subject has a gas-fired hot air furnace. The subject has central air conditioning.

Electrical

The electrical service has circuit breakers and appears adequate for the structure.

Water Heater

The subject has a 30 gallon gas hot water heater.

Windows

The windows are sliding and casement.

Bathroom

The subject has one full bathroom. The bathroom has a linoleum flooring, shower in tub and a vanity sink.

Kitchen

The kitchen has vinyl tile and composite wood flooring, a double sink and wooden cabinets. The walls and ceiling are painted drywall.

Appliances

Appliances are personal property and are excluded from this analysis.

Living Room

The living room has composite wood flooring and painted drywall walls and ceiling.

Bedrooms

The main floor bedroom has carpeted flooring and painted drywall walls and ceilings. The basement bedroom has carpeted flooring, painted drywall walls, wainscoting, and drop-ceiling tiles.

Parking

The subject has no on-site parking and no driveway access. On-street parking is available on East Ohio Avenue. Parking is prohibited on South Chase Avenue. According to the City of Milwaukee Parking Services, there is no parking on the streets between 2:00 a.m. and 6:00 a.m. Monday through Saturday unless a vehicle has an Overnight Parking Permit or Temporary Night Parking Permission.

Landscaping

The landscaping is considered average for the area. The landscaping consists of shrubs, landscape bed with a flag pole, concrete pavers, and flower beds.

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.

Deferred Maintenance

According to the assessor's information the subject residence was constructed in 1948 for a physical age of 74 years. The improvements are in fair overall condition. The wood deck was observed to have warping, missing planks, and need of cleaning, staining and sealing. There were no other observed items of deferred maintenance.

IMPROVEMENT ANALYSIS

Economic Age and Life

Based on the current condition of the subject property, the appraiser estimates the effective age to be equal to 10 years. We estimate the remaining economic life is about 40 years. While we observed nothing to suggest a different economic life, a capital improvement program could extend life beyond that stated above.

Quality/Structural Condition

The subject property is fair compared with the market competitors and substitutes in the area. The relative quality of construction is average. We have assumed fatigue as the improvements are in fair condition. We are not qualified to determine structural integrity; however, and recommend the reader rely upon an expert in this field for further determination.

Conclusion

The improvements are in fair physical condition for similar single-family homes within the subject market.

NOT FOR BIDDING PURPOSES

SITE PHOTOS

NOT FOR BIDDING PURPOSES

ADDENDUM B SUBJECT PHOTOGRAPHS



SUBJECT PROPERTY LOOKING EAST



SUBJECT PROPERTY LOOKING SOUTH

ADDENDUM B SUBJECT PHOTOGRAPHS



SUBJECT PROPERTY LOOKING NORTH



SUBJECT PROPERTY LOOKING SOUTH

ADDENDUM B SUBJECT PHOTOGRAPHS



SUBJECT PROPERTY LOOKING EAST - BACKYARD



KITCHEN

Site Photos

12/21/2022

103 E. Ohio Avenue

Milwaukee, WI



Site Photos

12/21/2022

103 E. Ohio Avenue

Milwaukee, WI



Site Photos

12/21/2022

103 E. Ohio Avenue

Milwaukee, WI



Site Photos

12/21/2022

103 E. Ohio Avenue

Milwaukee, WI



Site Photos

12/21/2022

103 E. Ohio Avenue

Milwaukee, WI



Site Photos

12/21/2022

103 E. Ohio Avenue

Milwaukee, WI

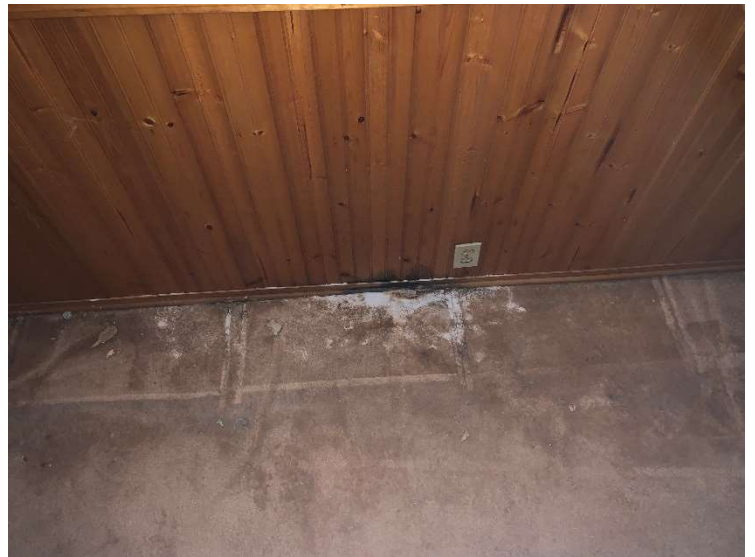


Site Photos

12/21/2022

103 E. Ohio Avenue

Milwaukee, WI

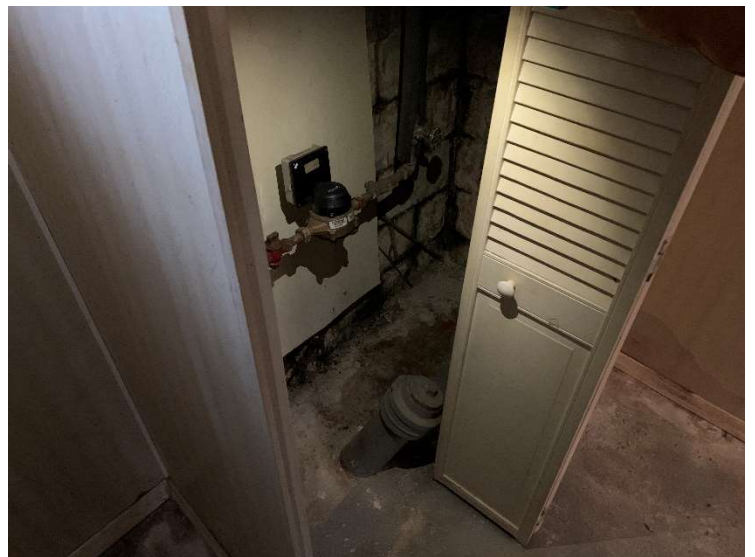
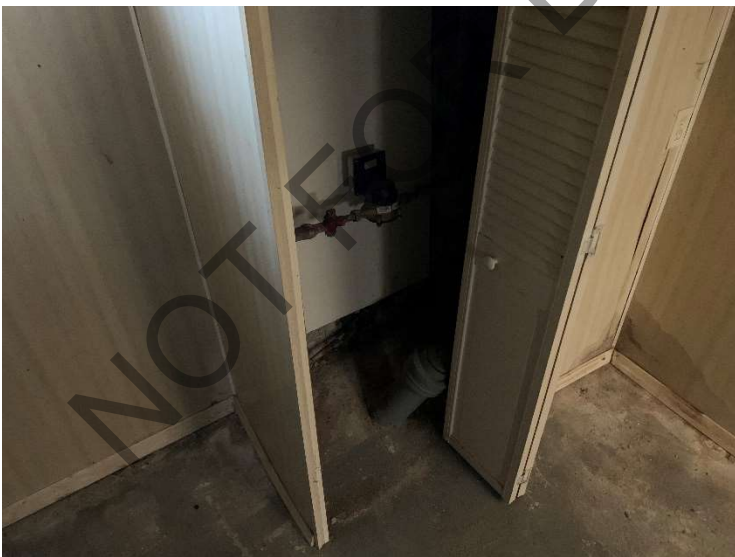


Site Photos

12/21/2022

103 E. Ohio Avenue

Milwaukee, WI



Site Photos

12/21/2022

103 E. Ohio Avenue

Milwaukee, WI

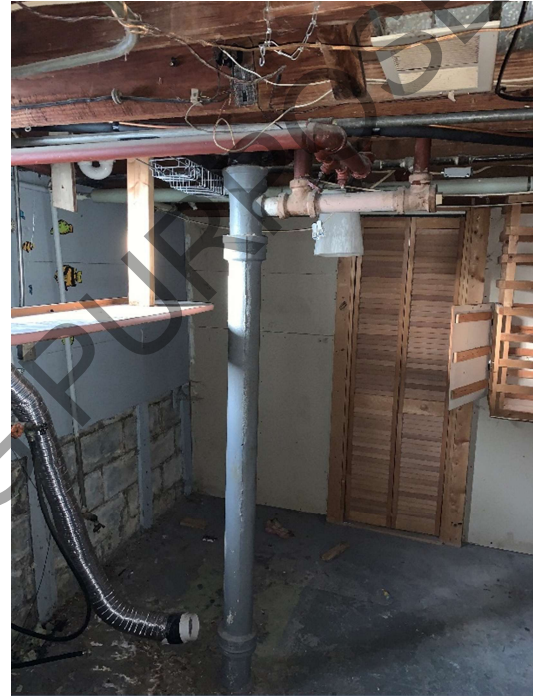


Site Photos

12/21/2022

103 E. Ohio Avenue

Milwaukee, WI

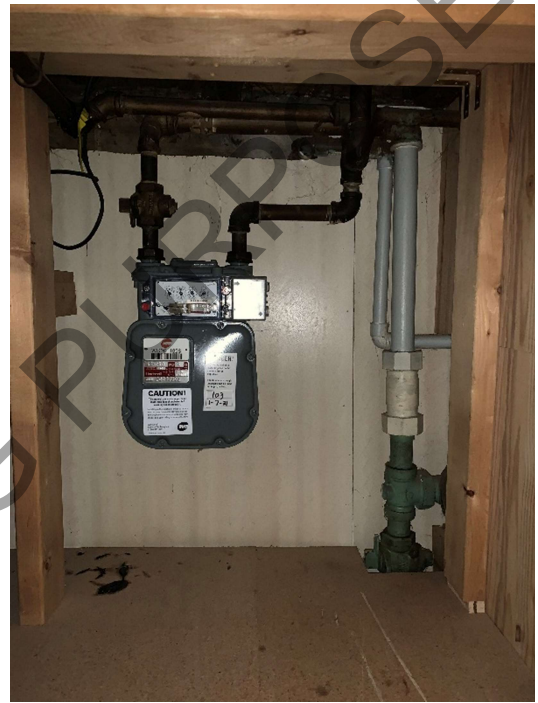


Site Photos

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103 E. Ohio Avenue

Milwaukee, WI

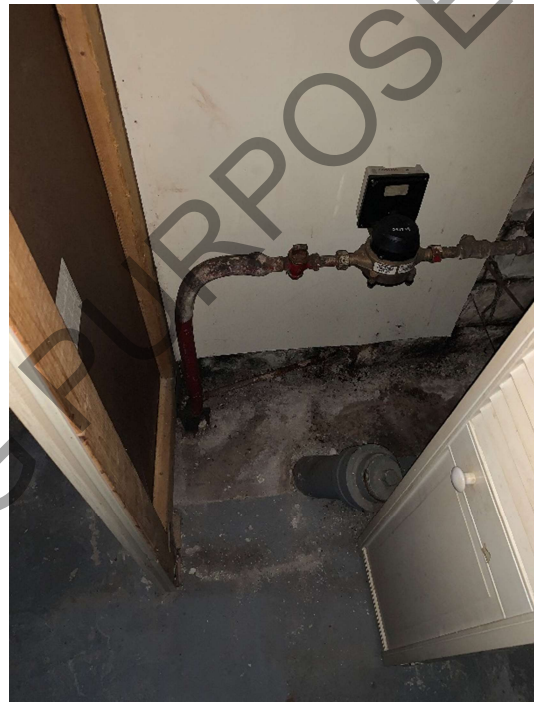


Site Photos

12/21/2022

103 E. Ohio Avenue

Milwaukee, WI



Site Photos

12/21/2022

103 E. Ohio Avenue

Milwaukee, WI



Site Photos

12/21/2022

103 E. Ohio Avenue

Milwaukee, WI



NOT FOR BIDDING PURPOSES

Hazardous Building Materials Survey Report

Project ID 2060-18-00
103 East Ohio Avenue
Milwaukee, Wisconsin

January 27, 2023

Terracon Project No. 58217074



Prepared for:

RaSmith Inc.

Brookfield, Wisconsin

Prepared by:

Terracon Consultants, Inc.

Cudahy, Wisconsin

ID 2060-18-20 #6 103 E. Ohio Avenue, Milwaukee, WI

terracon.com

Terracon

Environmental



Facilities



Geotechnical



Materials

January 27, 2023

RaSmith Inc.
16745 West Bluemound Road
Brookfield, Wisconsin 53005-5938

Attention: Mr. Len Roecker
Email: len.roecker@rasmith.com

Re: Hazardous Building Materials Survey Report
Project ID 2060-18-00
103 East Ohio Avenue
Milwaukee, Wisconsin
Terracon Project No. 58217074

Dear Mr. Roecker,

Terracon Consultants, Inc. (Terracon) is pleased to submit the attached hazardous building materials (HMB) survey report to RaSmith Inc. (Client) regarding the residential structure at 103 East Ohio Avenue, Milwaukee, Wisconsin (Project ID 2060-118-00). The purpose of this report is to present the results of the HBM survey which was conducted at the site on January 5, 2023. This survey was conducted in general accordance with Terracon Proposal No. P58217074R, dated March 18, 2021. We understand that this survey was requested due to planned demolition of the existing site structure.

Sincerely,
Terracon Consultants, Inc.

Brian A. Boelkow
Field Scientist

(for)
Joseph A. Tussey, CHMM
Principal/Authorized Project Reviewer

Terracon Consultants, Inc. 4900 S Pennsylvania Ave. Cudahy, WI 53110
P 414-423-0255 F 414-423-0566 terracon.com



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HAZARDOUS BUILDING MATERIALS SURVEY REPORT

Project ID 2060-18-00

103 East Ohio Avenue

Milwaukee, Wisconsin

Terracon Project No. 58217074

January 27, 2023

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) conducted an asbestos-containing material (ACM), lead paint, and visual hazardous building materials (HBM) survey (i.e., collectively, HBM survey) pertaining to the existing site structure located at 103 East Ohio Avenue. At the time of our site visit, the structure was a vacant residential building.

The survey was conducted at the site on January 5, 2023 by a State of Wisconsin-licensed asbestos inspector in accordance with Terracon Proposal No. P58217074R, dated March 18, 2021. Accessible interior and exterior building components were surveyed, and homogeneous areas of suspect ACM were visually identified and documented. Although reasonable effort was made to survey accessible suspect materials, additional suspect but unsampled materials could be located in walls, in voids, or in other concealed areas. Bulk samples from suspect ACM were collected in accordance with the sampling protocols outlined in United States Environmental Protection Agency (USEPA) 40 Code of Federal Regulations Part 763-Asbestos, Subpart E-Asbestos-Containing Materials in Schools (40 CFR 763; known as the Asbestos Hazard Emergency Response Act [AHERA]). Samples were delivered to an accredited laboratory for analysis by polarized light microscopy (PLM).

In conjunction with the asbestos survey, Terracon conducted limited testing of painted masonry and metal components to identify and assess for lead-based paint (LBP). This testing was not intended to meet the requirements of the US Department of Housing and Urban Development (HUD) Guidelines for the Evaluation and Control of Lead-Based Paint Hazards. Although reasonable effort was made to inspect the substrates for unique painting combinations, additional suspect but untested paint could be located at the site due to an undetected change in the paints or variations in lead concentrations in homogeneous paint combinations.

1.1 Project Objective

We understand this assessment was requested to identify and locate HBM, if any, prior to demolition of the residential structure located at 103 East Ohio Avenue, Wisconsin.

Asbestos surveys must be conducted to satisfy requirements of the USEPA 40 CFR Part 61, Subpart M, the National Emission Standards for Hazardous Air Pollutants (NESHAP) regulation and Wisconsin Department of Natural Resources (DNR) Chapter NR 447 prior to demolition and

renovation activities. The asbestos NESHAP requires that regulated and potentially regulated ACM be identified, classified, and quantified prior to planned renovation or demolition activities.

Although regulations requiring pre-demolition/pre-renovation surveys for lead in paint have not been established for commercial facilities, the Wisconsin Department of Natural Resources (WDNR) guidance document WA 605, *Concrete Recycling and Disposal Fact Sheet*, demolition contractors and used concrete handlers need to determine what painted concrete can be recycled or how it must be disposed. Additionally, contractors should be aware of paints containing lead for compliance with Occupational Safety and Health Administration (OSHA) requirements (Lead in Construction 29 CFR 1926.62).

The Resource Conservation and Recovery Act (RCRA) provides the EPA with the authority to regulate the waste status of demolition debris, including mercury-containing equipment, lamps, and batteries (i.e., collectively known as universal wastes). Other items such as chlorofluorocarbons (CFCs) / hydrofluorocarbons (HFCs) in cooling equipment, radioactive materials, and polychlorinated biphenyls (PCBs) are also regulated by the EPA. Such aforementioned items must be properly addressed as part of renovation and demolition activity planning, for regulatory compliance to avoid releases to the environment. If impacted by renovation or demolition activities, these items should first be properly collected for re-use, recycled, or properly disposed/treated in accordance with applicable federal and state regulatory requirements.

1.2 Reliance

This report is for the exclusive use of RaSmith Inc. for the project being discussed. Reliance by any other party on this report is prohibited without written authorization of Terracon and RaSmith Inc. Reliance on this report by RaSmith Inc. and all authorized parties will be subject to the terms, conditions, and limitations stated in the proposal, this report, and Terracon's Agreement for Services. The limitations of liability defined in Terracon's Agreement for Services is the aggregate limit of Terracon's liability to RaSmith Inc.

Reliance on this report by RaSmith, Inc. and all authorized parties will be subject to the terms, conditions and limitations stated in the proposal, Hazardous Building Materials Survey Report, and Terracon's Agreement. The limitation of liability defined in the Agreement is the aggregate limit of Terracon's liability to RaSmith, Inc. and all relying parties.

2.0 BUILDING DESCRIPTION

The subject site is occupied by a 2-story vacant residential building with a basement. The approximately 1,000 square foot residential building was originally built in 1948. Interior walls and ceilings of the residence consists of drywall and hard plaster, and the interior floors consists of

linoleum, carpet, and wood flooring. The basement/foundation of the residential building consists of concrete masonry unit blocks (CMU) and concrete walls.

3.0 ASBESTOS

3.1 Field Activities

Mr. Paul Lenaker and Mr. Brian Boelkow conducted the survey at the site on January 5, 2023. A copy of their licenses is attached in Appendix E. The survey was conducted in accordance with the sample collection protocols established in USEPA 40 CFR Part 763, Subpart E, Section 763.86-Sampling (AHERA). A summary of asbestos survey activities is provided below.

3.1.1 Visual Assessment

Survey activities were initiated with visual observation of the accessible interior and exterior areas of the subject structure to identify homogeneous areas and quantify visible and accessible materials suspected of containing asbestos (suspect ACM). A homogeneous area (HA) consists of materials that appear similar throughout in terms of color and texture with consideration given to the date of application. HAs of suspect ACM were visually identified and documented. Although reasonable effort was made to survey accessible suspect materials, additional suspect, but unsampled, materials could be located behind walls, voids or in other concealed areas. Materials identified as glass, wood or metal were not considered suspect ACM.

Please note that due to safety issues, electrical components were not included as part of this survey.

3.2 Physical Assessment

A physical assessment of each HA of suspect ACM was conducted to assess the friability and condition of the materials. A friable material is defined by the USEPA as a material which can be crumbled, pulverized, or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

3.3 Sample Collection

Based on results of the visual observation, bulk samples of suspect ACM were collected in general accordance with the sampling protocols outlined in 40 CFR Part 763, Subpart E. Samples of suspect materials were collected from randomly selected locations in each HA. Bulk samples were collected using wet methods, as applicable, to reduce the potential for fiber release. Samples were placed in sealable containers and labeled with unique sample numbers using an indelible marker.

The selection of sample locations and frequency of sampling were based on Terracon's observations and the assumption that like materials in the same area are homogeneous in content.

Terracon collected a total of 108 bulk samples from 36 homogeneous areas of suspect ACM. A summary of suspect ACM samples collected during the survey is included as Appendix A. A floor plan depicting the building layout and HA locations is depicted in Appendix B.

3.4 Sample Analysis

Bulk samples were submitted under chain of custody to Steve Moody Micro Services, LLC of Farmers Branch, Texas for analysis by polarized light microscopy (PLM) with dispersion staining techniques per EPA's Method for the Determination of Asbestos in Bulk Building Materials (600/R-93-116). The percentage of asbestos, where applicable, was determined by microscopic visual estimation using PLM. Steve Moody Micro Services, LLC is accredited for bulk asbestos analysis under the National Voluntary Laboratory Accreditation Program (NVLAP; accreditation number 102056-0). The analytical results are summarized in Appendix A with the sample descriptions. The laboratory analytical report is included in Appendix B.

3.5 Regulatory Overview

The asbestos NESHAP (40 CFR Part 61, Subpart M) regulates asbestos fiber emissions and asbestos waste disposal practices. It also requires the identification and classification of existing ACM according to friability prior to demolition or renovation activity. Under NESHAP, ACMs are classified as either friable, Category I nonfriable or Category II nonfriable ACM. Friable materials are those that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure. Category I nonfriable ACMs are asbestos-containing packings, gaskets, resilient floor coverings, and asphalt roofing products that contain more than 1% asbestos. Category II nonfriable ACM includes any materials other than Category I materials that contain more than 1% asbestos. Friable ACMs and Category I and Category II nonfriable ACM that are in poor condition and have become friable; will be subjected to frilling, sanding, grinding, cutting or abrading; or could be crushed or pulverized during anticipated renovation or demolition activities are considered regulated ACM (RACM).

The Wisconsin Department of Natural Resources, (WDNR) regulations have incorporated the asbestos NESHAP by reference at NR 484.04(21s) of the Wisconsin Administrative Code. Under Chapter NR 447-Control of Asbestos Emissions, the owner or operator must provide WDNR with written notification and the appropriate fee at least 10 working days prior to the commencement of asbestos abatement activities that will disturb RACM in amounts greater than or equal to 160 square feet, 260 linear feet or 35 cubic feet.

The Wisconsin Department of Health Services (WDHS) enforces the Asbestos Hazard Emergency Response Act (AHERA) in the State of Wisconsin, including on-site AHERA compliance inspections, reviewing schools' asbestos management plans and asbestos certification to ensure that asbestos abatement and management activities do not adversely affect health or safety. Chapter WDHS 159, Wisconsin Administrative Code, provides rules that apply when performing asbestos abatement or asbestos management activities in or on a school building or other publicly or privately-owned building, with exceptions for homeowners and other residential buildings of fewer than 10 units or when conducting asbestos abatement or asbestos management training for inspectors, management planners, project designers, supervisors, workers, roofing supervisors and roofing workers. During asbestos abatement projects, WDHS requires the posting of an occupant protection plan for the duration of the asbestos project and the completion of an Asbestos Project Log.

The Occupational Safety and Health Administration (OSHA) asbestos standard for the construction industry (29 CFR 1926.1101) regulates workplace exposure to asbestos during ACM removal. The OSHA standard requires that employee exposure to airborne asbestos fibers be maintained below the permissible exposure limits (PELs) of 0.1 asbestos fiber per cubic centimeter of air (0.1 f/cc) as an 8-hour time-weighted average (TWA) or 1.0 f/cc as a 30-minute excursion limit. The OSHA standard classifies the types of construction and maintenance activities that could disturb ACM and specifies work practices and precautions that employers must follow when engaging in each class of regulated work.

4.0 LEAD PAINT

4.1 Field Activities

In conjunction with the asbestos survey, Terracon conducted limited paint chip testing of painted masonry and metal components. The limited paint testing was conducted by Mr. Brian Boelkow and Mr. Paul Lenaker. This testing scope was not intended to meet the requirements of the HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards.

4.1.1 Sample Collection and Analysis

Activities began with visual observation of the site building to identify painted masonry and metal components to test. Terracon utilized a handheld, direct-read x-ray fluorescence (XRF) instrument to screen for lead in paint on designated surfaces. A listing of XRF testing locations and instrument results is included on a XRF field testing log included in Appendix D. When the XRF instrument had an inclusive or negative result, a confirmatory paint chip sample was collected for laboratory analysis. Confirmatory paint chips samples were submitted to IATL of Mt. Laurel, New Jersey under chain of custody for analysis for analysis by flame atomic absorption spectroscopy (AAS; USEPA Method SW846 3050B/7000B) to determine lead content. IATL is accredited for lead analysis under the National Lead Laboratory Accreditation Program (NLLAP; accreditation

number 100188). The lead laboratory analytical report and chain of custody are included in Appendix D.

4.2 Regulatory Overview

The USEPA action level for lead-based painted surfaces is equal to or greater than 1.0 mg/cm² using an XRF instrument, or 0.5% dry weight (or 5,000 parts per million {ppm}) using an analytical method. The USEPA definition of lead-based paint (LBP) is directed at protecting the general population from exposure to lead in the residential setting. By contrast, the duty of OSHA is to protect workers during construction activities that may generate elevated airborne lead concentrations. OSHA states that construction work (which includes renovation, maintenance, and demolition) carried out on structures coated with paint that has lead concentrations lower than the USEPA regulatory limits can still result in airborne lead concentrations in excess of regulatory limits. The WDNR and WDHS also define LBP as a coating with a lead concentration of 0.5% or greater lead by weight using laboratory analysis.

The OSHA lead standard for construction (29 CFR 1926.62) applies to all construction work where an employee may be occupationally exposed to lead. All work related to construction, alteration or repair (including painting and decorating) is included. The lead standard applies to any detectable concentration of lead in paint (lead-containing paint {LCP}), as even small concentrations of lead can result in unacceptable employee exposures depending upon the method of removal and other workplace conditions. Under this standard, construction includes, but is not limited to, the following:

- Demolition or salvage of structures where lead or materials containing lead are present,
- Removal or encapsulation of materials containing lead,
- New construction, alteration, repair, or renovation of structures, substrates, or portions containing lead, or materials containing lead,
- Installation of products containing lead,
- Lead contamination/emergency clean-up,
- Transportation, disposal, storage, or containment of lead or materials containing lead on the site or location at which construction activities are performed, and
- Maintenance operations associated with construction activities described above.

Employers must assure that no employee will be exposed to lead at concentrations greater than 50 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) averaged over an eight-hour period without adequate protection. The OSHA standard also establishes an action level of 30 $\mu\text{g}/\text{m}^3$, which if exceeded, triggers certain requirements, including periodic exposure monitoring and medical monitoring.

USEPA regulates disposal of hazardous materials. The USEPA has stated that components removed with intact LBP that is not delaminating from the substrate may be disposed as general

demolition debris. If the LBP is stripped from components, or if it is delaminating from the substrate, the waste may be subject to hazardous waste rules (i.e., Toxicity Characteristic Leaching Procedure {TCLP}).

The WDHS administers lead training provider accreditation and certification programs. In addition to issuing certification cards and accrediting training provider courses for lead activities and investigations, the program establishes and monitors standards for conducting investigation and abatement activities. WDHS is also approved by the USEPA to administer and enforce the Lead-Safe Renovation program in Wisconsin. This program regulates renovation work performed for compensation in a dwelling or child-occupied facility built before 1978 if the work disturbs 6 square feet (sq. ft.) or more of paint per room, 20 sq. ft. or more of exterior paint, or involves windows.

5.0 REGULATED MATERIALS

In conjunction with the asbestos survey, Terracon conducted a visual assessment of the visible and accessible areas of the structure to identify materials that may be classified as hazardous (and non-hazardous), special or universal waste and other materials that may require special handling prior to renovation or demolition, collectively referred to as regulated materials. The items considered typically include:

- Polychlorinated biphenyl (PCB)-containing components,
 - fluorescent light fixture ballasts
 - electrical transformers
- Mercury-containing components (universal waste),
 - fluorescent, sodium, high intensity, and mercury vapor lamps/bulbs
 - thermostats
 - electrical meters and switches
- Chlorofluorocarbons (CFCs) contained within refrigeration systems (refrigerators, air conditioning units, etc.),
- Oil-containing equipment and drums,
- Stored chemicals (drums, containers, etc.,)
- Batteries (universal waste),
- Exit signs,
- Fire extinguishers and compressed gas cylinders, and
- Smoke detectors.

The survey did not include opening up drums, containers, or equipment; sampling or testing, and was based solely on visible observations of observable areas of the site. Terracon attempted to inventory items/equipment/appliances that may contain hazardous components although the potential remains that additional hazardous materials may be contained within equipment that have not been individually inventoried. The inventory table is included in Appendix D.

5.1 PCB-Containing Components

PCBs range from clear, oily liquids to white or yellowish waxy solids, depending on the degree of chlorination. They are stable, thermoplastic, and nonflammable materials that found chief use in insulation for electric cables and wires, in the production of electric condensers, and additives for extreme pressure lubricants. Light ballasts can contain about one ounce of PCBs. The transportation, disposal, and spill clean-up of PCB-containing ballasts is regulated by the Toxic Substances Control Act (TSCA), which is found in 40 CFR 261. Transformers sometimes contain mineral oil, which may contain minor amounts of PCB and could be considered PCB-contaminated (PCB content of 50-499 parts per million [ppm]).

Typically, ballasts manufactured prior to 1979 are presumed to contain PCBs unless clearly marked as containing “No PCBs.” Ballasts that do not contain a “No PCBs” label are presumed to be PCB-containing. However, please note that “No PCBs” ballasts may still contain hazardous constituents such as oils, and therefore, proper removal and recycling/disposal should be undertaken if intended to be disposed.

5.2 Mercury-Containing Components

Metallic mercury is a silver-white liquid at room temperature. Elemental and inorganic mercury compounds are used in the manufacture of scientific instruments, electric equipment, and mercury vapor and fluorescent electric lamps. Mercury-containing equipment, such as fluorescent light tubes, must be sent to an approved recycling facility that recovers mercury. The USEPA considers mercury a hazardous waste.

USEPA regulates disposal of mercury-containing fluorescent lights tubes as universal waste under 40 CFR 273. Disposal of mercury from other sources is regulated under 40 CFR 260-262. OSHA regulates occupational exposure to mercury under 29 CFR 1910.1000 Air Contaminants, Table Z-1 – Limits for Air Contaminants. The PEL for mercury is 0.1 milligrams per cubic meter (mg/m^3) as an 8-hour time-weighted average.

Mercury is commonly found in thermostats and switches associated with air handling units. Other items that may contain mercury include aquastats, pressurestats, manometers, pneumatic controls, thermometers, temperature gauges, pressure-trols, float or level controls, space heater controls and any other equipment used for measurement of vacuum, pressure, fluid level, temperature or flow rate. These items are typically associated with tanks, boilers, furnaces, heaters, electrical systems, water cleaning systems and air or liquid pumping/movement systems. Mercury may also be found in silent switches for automated lighting, fluorescent lamps, high-intensity discharge lights and neon lights.

5.3 CFCs and Hydrochlorofluorocarbons (HCFCs)

CFCs and HCFCs are ozone-depleting refrigerants commonly found in air-conditioning and refrigeration systems. Terracon's hazardous materials survey included an inventory of air conditioners, refrigerators/freezers/chillers, dehumidifiers, heat pumps, water fountains/coolers, walk-in coolers, and vending machines/food display cases, which are all likely to contain CFCs and/or HCFCs. Fire extinguishers, which may contain ozone-depleting halons, were included in the inventory. The use of CFCs in consumer aerosol products has been banned in the United States since 1978; however, aerosol products may still contain HCFCs.

5.4 Chemicals, Hazardous Waste, and Oil

Hazardous wastes can include ignitable, corrosive, reactive, or toxic liquid, solid, or containerized gaseous wastes. Building areas were inspected for the presence of stored chemicals and containers.

5.5 Batteries

USEPA regulates disposal of batteries as universal waste under 40 CFR 273. Batteries containing nickel-cadmium and lead-acid can be found in emergency lighting, exit signs, and alarm systems. The nickel-cadmium and lead-acid in these batteries are considered to be toxic.

5.6 Radioactive Sources

There are several types of smoke detectors and fire alarms. Ionization chamber and photoelectric smoke detectors are the two most common types available commercially. Ionization chamber smoke detectors contain a small amount of radioactive material encapsulated in a metal chamber. Typically, the radioactive material is a composite of americium-241. Exit signs that glow in the dark often contain a radioactive gas called tritium. These signs do not require electricity or batteries and should have a permanent warning label that mentions tritium, 3H or H-3; displays the three-bladed radiation warning symbol; and states Caution-Radioactive Materials.

6.0 FINDINGS AND RECOMMENDATIONS

6.1 ACM Findings and Recommendations

Based on the results of laboratory analysis, asbestos was identified in the following building material sampled:

- Fibrous insulation around heat duct vents (contains 15% chrysotile asbestos, 10% amosite asbestos, and 5% crocidolite asbestos), approximately 10 total square feet of material and is considered an EPA NESHAP regulated asbestos-containing material (RACM),

Hazardous Building Materials Survey Report

Project ID 2060-18-00 ■ 103 E Ohio Ave., Milwaukee, Wisconsin

January 27, 2023 ■ Terracon Project No. 58217074



A summary of samples and analytical results is presented in Appendix A. The laboratory analytical report and the chain of custody are included in Appendix B. Photographs of the building are included in Appendix C.

The asbestos-containing fibrous insulation material around heat duct vents is considered NESHAP RACM. RACM must be properly removed and disposed by a state of Wisconsin licensed asbestos abatement contractor in accordance with applicable federal, state, and local regulations prior to demolition.

Please note that suspect materials other than those identified during the survey may exist within the building. Should suspect materials other than those which were identified during this survey be uncovered prior to or during demolition activities, those materials should be assumed asbestos-containing until sampling and analysis can confirm or deny their asbestos content.

6.2 Lead Paint Findings and Recommendations

Based on the results of XRF testing, lead was detected during the course of the inspection as shown in the table below. A complete list of XRF testing field results is included in Appendix D.

Sample Location	Component	Substrate	Color	Condition	Results (in mg/cm ²)	LCP or LBP ¹
Basement	Wall	CMU	Green	Poor	0.14 +/-0.02	LCP
Basement Laundry Room	Floor	Concrete	Green	Fair	0.68 +/-0.1	LCP

During the XRF survey, results tested on the blue portion of the basement floor were less than limit of detection (LOD) by XRF. However, the green portion of the basement floor yielded positive results from the XRF survey; therefore, paint chips were collected on the light blue material overlying the green paint. to verify its results. Based on the results of paint chip testing, lead was detected by laboratory analysis in the sample obtained from the light blue paint on the basement floor; see table below. The laboratory analytical report is included in Appendix E.

Sample Number	Sample Location	Component	Substrate	Color	Condition	Results % Lead by weight	LBP or LCP
1	Basement Floor	Floor	Concrete	Light Blue	Peeling	0.22	LCP

Based on the findings of the survey, Terracon recommends the following:

¹ LBP is defined under USEPA/HUD as 1.0 mg/cm² or greater. Lead-containing paint (LCP) are paints that contain detectable levels of lead including those defined as LBP.

- Contractors working in the building should be informed of their duties regarding LCP under the OSHA lead standard for construction (29 CFR 1926.62). OSHA considers any paint with lead in any concentration to be covered under this standard.
- Where the LCP is to be removed from the surface and lead waste is generated, the wastes should be evaluated for hazardous constituents prior to disposal. According to the regulations, any waste with a TCLP concentration of lead greater than 5.0 ppm is considered hazardous. However, building components demolished with lead intact can generally be disposed of as construction/demolition debris and metal components coated with LCP may be disposed of as scrap metal without performing TCLP testing.

6.3 Regulated Materials Findings and Recommendations

An inventory of the visually identified items is included as Appendix D. As previously discussed, to prevent a release to the environment, such items should be removed, segregated, properly packaged and properly disposed or recycled per applicable federal, state, and local regulations prior to demolition or renovation activities.

7.0 LIMITATIONS/GENERAL COMMENTS

The results and findings included in this report are based only on conditions that were noted and existing during Terracon's January 5, 2023 survey of the subject site structure.

This survey was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions in the same locale. The results, findings, conclusions, and recommendations expressed in this report are based on conditions observed during our survey. The information contained in this report is relevant to the dates on which this survey was performed and should not be relied upon to represent conditions at a later date. This report has been prepared on behalf of and exclusively for use by RaSmith Inc. for specific application to their project as discussed. This report is not a bidding document. Contractors or consultants reviewing this report must draw their own conclusions regarding any quantities listed and any further investigation or remediation deemed necessary. Terracon does not warrant the work of regulatory agencies, laboratories, or other third parties supplying information which may have been used in the preparation of this report. No warranty, express or implied is made.

The selection of sample locations and frequency of sampling was based on Terracon's observations and the assumption that like materials in the same area are homogeneous in content. Concealed suspect ACMs, untested paints, and other hazardous material items may exist in areas that were concealed/inaccessible.

Hazardous Building Materials Survey Report

Project ID 2060-18-00 ■ 103 E Ohio Ave., Milwaukee, Wisconsin

January 27, 2023 ■ Terracon Project No. 58217074



If encountered, additional suspect materials should be assumed ACM pending bulk sampling and laboratory analysis to rebut the presence of asbestos. If encountered, additional hazardous building materials should be removed prior to demolition of the building.

NOT FOR BIDDING PURPOSES

APPENDIX A

HBM Survey - 103 E. Ohio Avenue 103 East Ohio Avenue, Milwaukee Wisconsin

ASBESTOS SURVEY SAMPLE LOCATION & RESULTS SUMMARY

HA No.	Material Description	Sample Number	Sample Location	Lab Results
1	Foam Like (Black)	1-PI5-1	Basement Water Pipe	None Detected - Foam Insulation
1	Foam Like (Black)	1-PI5-2	Basement Water Pipe	None Detected - Foam Insulation
1	Foam Like (Black)	1-PI5-3	Basement Water Pipe	None Detected - Foam Insulation
2	Fiberglass (Yellow) and Paper (Black)	2-AW5-4	Insulation on Exterior Basement Wall	None Detected - Thermal Insulation
2	Fiberglass (Yellow) and Paper (Black)	2-AW5-4	Insulation on Exterior Basement Wall	None Detected - Tar Paper
2	Fiberglass (Yellow) and Paper (Black)	2-AW5-5	Insulation on Exterior Basement Wall	None Detected - Thermal Insulation
2	Fiberglass (Yellow) and Paper (Black)	2-AW5-5	Insulation on Exterior Basement Wall	None Detected - Tar Paper
2	Fiberglass (Yellow) and Paper (Black)	2-AW5-6	Insulation on Exterior Basement Wall	None Detected - Thermal Insulation
2	Fiberglass (Yellow) and Paper (Black)	2-AW5-6	Insulation on Exterior Basement Wall	None Detected - Tar Paper
3	Mortar (White, Crumbly)	3-MA3-7	Furnace Pipe and Chimney Intersection	None Detected - Mortar
3	Mortar (White, Crumbly)	3-MA3-8	Furnace Pipe and Chimney Intersection	None Detected - Mortar
3	Mortar (White, Crumbly)	3-MA3-9	Furnace Pipe and Chimney Intersection	None Detected - Mortar
4	2' X 4' Ceiling Tile	4-CT4-10	Basement REC Room	None Detected - Acoustic Tile
4	2' X 4' Ceiling Tile	4-CT4-11	Basement REC Room	None Detected - Acoustic Tile
4	2' X 4' Ceiling Tile	4-CT4-12	Basement REC Room	None Detected - Acoustic Tile
5	1' X 1' Ceiling Tile	5-CT1-13	Bottom of Stairs	None Detected - Acoustic Tile
5	1' X 1' Ceiling Tile	5-CT1-14	Bottom of Stairs	None Detected - Acoustic Tile
5	1' X 1' Ceiling Tile	5-CT1-15	Bottom of Stairs	None Detected - Acoustic Tile

HA No.	Material Description	Sample Number	Sample Location	Lab Results
6	Drywall (White) and Paper (Tan)	6-WB2-16	Stairwell	None Detected - Drywall Material
6	Drywall (White) and Paper (Tan)	6-WB2-16	Stairwell	None Detected - Joint Compound
6	Drywall (White) and Paper (Tan)	6-WB2-17	Stairwell	None Detected - Drywall Material
6	Drywall (White) and Paper (Tan)	6-WB2-17	Stairwell	None Detected - Joint Compound
6	Drywall (White) and Paper (Tan)	6-WB2-18	Stairwell	None Detected - Drywall Material
6	Drywall (White) and Paper (Tan)	6-WB2-18	Stairwell	None Detected - Joint Compound
7	Concrete Masonry Unit Blocks (CMU)	7-MA2-19	Exterior Foundation Walls	- No CMU
7	Concrete Masonry Unit Blocks (CMU)	7-MA2-19	Exterior Foundation Walls	None Detected - Mortar
7	Concrete Masonry Unit Blocks (CMU)	7-MA2-20	Exterior Foundation Walls	- No CMU
7	Concrete Masonry Unit Blocks (CMU)	7-MA2-20	Exterior Foundation Walls	None Detected - Mortar
7	Concrete Masonry Unit Blocks (CMU)	7-MA2-21	Exterior Foundation Walls	- No CMU
7	Concrete Masonry Unit Blocks (CMU)	7-MA2-21	Exterior Foundation Walls	None Detected - Mortar
8	Chimney CMU and Mortar	8-MA2-22	Basement Chimney	None Detected - CMU
8	Chimney CMU and Mortar	8-MA2-22	Basement Chimney	None Detected - Mortar
8	Chimney CMU and Mortar	8-MA2-23	Basement Chimney	None Detected - CMU
8	Chimney CMU and Mortar	8-MA2-23	Basement Chimney	None Detected - Mortar
8	Chimney CMU and Mortar	8-MA2-24	Basement Chimney	None Detected - CMU
8	Chimney CMU and Mortar	8-MA2-24	Basement Chimney	None Detected - Mortar
9	Window Pane Glazing (White) with Paint (Gray)	9-SC1-25	Exterior Southeast Window	None Detected - Window Glazing
9	Window Pane Glazing (White) with Paint (Gray)	9-SC1-25	Exterior Southeast Window	None Detected - Paint

HA No.	Material Description	Sample Number	Sample Location	Lab Results
9	Window Pane Glazing (White) with Paint (Gray)	9-SC1-26	Exterior Southeast Window	None Detected - Window Glazing
9	Window Pane Glazing (White) with Paint (Gray)	9-SC1-26	Exterior Southeast Window	None Detected - Paint
9	Window Pane Glazing (White) with Paint (Gray)	9-SC1-27	Exterior Southeast Window	None Detected - Window Glazing
9	Window Pane Glazing (White) with Paint (Gray)	9-SC1-27	Exterior Southeast Window	None Detected - Paint
10	Cove Base (Hard Tan Styrofoam-like) and Mastic (Tan)	10-FC3-28	Living Room and Bathroom Walls	None Detected - Cove Base
10	Cove Base (Hard Tan Styrofoam-like) and Mastic (Tan)	10-FC3-28	Living Room and Bathroom Walls	None Detected - Tan Mastic
10	Cove Base (Hard Tan Styrofoam-like) and Mastic (Tan)	10-FC3-29	Living Room and Bathroom Walls	None Detected - Cove Base
10	Cove Base (Hard Tan Styrofoam-like) and Mastic (Tan)	10-FC3-29	Living Room and Bathroom Walls	None Detected - Tan Mastic
10	Cove Base (Hard Tan Styrofoam-like) and Mastic (Tan)	10-FC3-30	Living Room and Bathroom Walls	None Detected - Cove Base
10	Cove Base (Hard Tan Styrofoam-like) and Mastic (Tan)	10-FC3-30	Living Room and Bathroom Walls	None Detected - Tan Mastic
11	Mastic (Tan / Brown Hard Brittle)	11-MG5-31	Above Kitchen Sink behind Back Wall Paneling	None Detected - Tan Mastic
11	Mastic (Tan / Brown Hard Brittle)	11-MG5-32	Above Kitchen Sink behind Back Wall Paneling	None Detected - Tan Mastic
11	Mastic (Tan / Brown Hard Brittle)	11-MG5-33	Above Kitchen Sink behind Back Wall Paneling	None Detected - Tan Mastic
12	Cove Base (Gray) and Mastic (Tan)	12-FC3-34	Kitchen and Bathroom Base of Walls	None Detected - Cove Base

HA No.	Material Description	Sample Number	Sample Location	Lab Results
12	Cove Base (Gray) and Mastic (Tan)	12-FC3-34	Kitchen and Bathroom Base of Walls	None Detected - Tan Mastic
12	Cove Base (Gray) and Mastic (Tan)	12-FC3-35	Kitchen and Bathroom Base of Walls	None Detected - Cove Base
12	Cove Base (Gray) and Mastic (Tan)	12-FC3-35	Kitchen and Bathroom Base of Walls	None Detected - Tan Mastic
12	Cove Base (Gray) and Mastic (Tan)	12-FC3-36	Kitchen and Bathroom Base of Walls	None Detected - Cove Base
12	Cove Base (Gray) and Mastic (Tan)	12-FC3-36	Kitchen and Bathroom Base of Walls	None Detected - Tan Mastic
13	Plaster (Gray) over Drywall (White)	13-WB5-37	1st Floor Walls	None Detected - Drywall Material
13	Plaster (Gray) over Drywall (White)	13-WB5-37	1st Floor Walls	None Detected - Plaster
13	Plaster (Gray) over Drywall (White)	13-WB5-38	1st Floor Walls	None Detected - Drywall Material
13	Plaster (Gray) over Drywall (White)	13-WB5-38	1st Floor Walls	None Detected - Plaster
13	Plaster (Gray) over Drywall (White)	13-WB5-39	1st Floor Walls	None Detected - Drywall Material
13	Plaster (Gray) over Drywall (White)	13-WB5-39	1st Floor Walls	None Detected - Plaster
14	Plaster (Gray) over Drywall (White)	14-WB5-40	1st Floor Ceiling	None Detected - Drywall Material
14	Plaster (Gray) over Drywall (White)	14-WB5-40	1st Floor Ceiling	None Detected - Base Plaster
14	Plaster (Gray) over Drywall (White)	14-WB5-40	1st Floor Ceiling	None Detected - Top Plaster
14	Plaster (Gray) over Drywall (White)	14-WB5-41	1st Floor Ceiling	None Detected - Drywall Material
14	Plaster (Gray) over Drywall (White)	14-WB5-41	1st Floor Ceiling	None Detected - Base Plaster
14	Plaster (Gray) over Drywall (White)	14-WB5-41	1st Floor Ceiling	None Detected - Top Plaster

HA No.	Material Description	Sample Number	Sample Location	Lab Results
14	Plaster (Gray) over Drywall (White)	14-WB5-42	1st Floor Ceiling	None Detected - Drywall Material
14	Plaster (Gray) over Drywall (White)	14-WB5-42	1st Floor Ceiling	None Detected - Base Plaster
14	Plaster (Gray) over Drywall (White)	14-WB5-42	1st Floor Ceiling	None Detected - Top Plaster
15	Texture (White) with Paint (Maroon)	15-WB4-43	Bedroom Ceiling	None Detected - Plaster
15	Texture (White) with Paint (Maroon)	15-WB4-43	Bedroom Ceiling	None Detected - Textured Paint
15	Texture (White) with Paint (Maroon)	15-WB4-44	Bedroom Ceiling	None Detected - Plaster
15	Texture (White) with Paint (Maroon)	15-WB4-44	Bedroom Ceiling	None Detected - Textured Paint
15	Texture (White) with Paint (Maroon)	15-WB4-45	Bedroom Ceiling	None Detected - Plaster
15	Texture (White) with Paint (Maroon)	15-WB4-45	Bedroom Ceiling	None Detected - Textured Paint
16	Wall Tile (White and Brown) with Mastic (Gray)	16-WB5-46	Bathroom Walls	None Detected - Fiber Board
16	Wall Tile (White and Brown) with Mastic (Gray)	16-WB5-46	Bathroom Walls	None Detected - Gray Mastic
16	Wall Tile (White and Brown) with Mastic (Gray)	16-WB5-47	Bathroom Walls	None Detected - Fiber Board
16	Wall Tile (White and Brown) with Mastic (Gray)	16-WB5-47	Bathroom Walls	None Detected - Gray Mastic
16	Wall Tile (White and Brown) with Mastic (Gray)	16-WB5-48	Bathroom Walls	None Detected - Fiber Board
16	Wall Tile (White and Brown) with Mastic (Gray)	16-WB5-48	Bathroom Walls	None Detected - Gray Mastic
17	Wainscoting (Green Painted Brown Wood) with Mastic (Dark Brown)	17-WB5-49	Kitchen Walls	None Detected - Brown Mastic

HA No.	Material Description	Sample Number	Sample Location	Lab Results
17	Wainscoting (Green Painted Brown Wood) with Mastic (Dark Brown)	17-WB5-49	Kitchen Walls	None Detected - Fiber Board
17	Wainscoting (Green Painted Brown Wood) with Mastic (Dark Brown)	17-WB5-49	Kitchen Walls	None Detected - Paint
17	Wainscoting (Green Painted Brown Wood) with Mastic (Dark Brown)	17-WB5-50	Kitchen Walls	None Detected - Brown Mastic
17	Wainscoting (Green Painted Brown Wood) with Mastic (Dark Brown)	17-WB5-50	Kitchen Walls	None Detected - Fiber Board
17	Wainscoting (Green Painted Brown Wood) with Mastic (Dark Brown)	17-WB5-50	Kitchen Walls	None Detected - Paint
17	Wainscoting (Green Painted Brown Wood) with Mastic (Dark Brown)	17-WB5-51	Kitchen Walls	None Detected - Brown Mastic
17	Wainscoting (Green Painted Brown Wood) with Mastic (Dark Brown)	17-WB5-51	Kitchen Walls	None Detected - Fiber Board
17	Wainscoting (Green Painted Brown Wood) with Mastic (Dark Brown)	17-WB5-51	Kitchen Walls	None Detected - Paint
18	Tile (White), Paper (Brown) and Mastic (Black)	18-FT5-52	Kitchen Closet Shelf	None Detected - Yellow Mastic
18	Tile (White), Paper (Brown) and Mastic (Black)	18-FT5-52	Kitchen Closet Shelf	None Detected - Flooring
18	Tile (White), Paper (Brown) and Mastic (Black)	18-FT5-52	Kitchen Closet Shelf	None Detected - Fiber Backing
18	Tile (White), Paper (Brown) and Mastic (Black)	18-FT5-52	Kitchen Closet Shelf	- No Black Mastic
18	Tile (White), Paper (Brown) and Mastic (Black)	18-FT5-53	Kitchen Closet Shelf	None Detected - Yellow Mastic
18	Tile (White), Paper (Brown) and Mastic (Black)	18-FT5-53	Kitchen Closet Shelf	None Detected - Flooring

HA No.	Material Description	Sample Number	Sample Location	Lab Results
18	Tile (White), Paper (Brown) and Mastic (Black)	18-FT5-53	Kitchen Closet Shelf	None Detected - Fiber Backing
18	Tile (White), Paper (Brown) and Mastic (Black)	18-FT5-53	Kitchen Closet Shelf	- No Black Mastic
18	Tile (White), Paper (Brown) and Mastic (Black)	18-FT5-54	Kitchen Closet Shelf	None Detected - Yellow Mastic
18	Tile (White), Paper (Brown) and Mastic (Black)	18-FT5-54	Kitchen Closet Shelf	None Detected - Flooring
18	Tile (White), Paper (Brown) and Mastic (Black)	18-FT5-54	Kitchen Closet Shelf	None Detected - Fiber Backing
18	Tile (White), Paper (Brown) and Mastic (Black)	18-FT5-54	Kitchen Closet Shelf	- No Black Mastic
19	Fibrous Insulation (Gray)	19-AW5-55	Inside Heat Duct Vents	15% Chrysotile; 10% Amosite; 5% Crocidolite – Insulation (see est. quantities in the table after this table)
19	Fibrous Insulation (Gray)	19-AW5-56	Inside Heat Duct Vents	15% Chrysotile; 10% Amosite; 5% Crocidolite - Insulation
19	Fibrous Insulation (Gray)	19-AW5-57	Inside Heat Duct Vents	15% Chrysotile; 10% Amosite; 5% Crocidolite - Insulation
20	12 x 12 Floor Tile (Brown) with Mastic (Brown)	20-FT2-58	Kitchen Flooring	None Detected - Floor Tile
20	12 x 12 Floor Tile (Brown) with Mastic (Brown)	20-FT2-58	Kitchen Flooring	None Detected - Yellow Mastic
20	12 x 12 Floor Tile (Brown) with Mastic (Brown)	20-FT2-59	Kitchen Flooring	None Detected - Floor Tile
20	12 x 12 Floor Tile (Brown) with Mastic (Brown)	20-FT2-59	Kitchen Flooring	None Detected - Yellow Mastic
20	12 x 12 Floor Tile (Brown) with Mastic (Brown)	20-FT2-60	Kitchen Flooring	None Detected - Floor Tile
20	12 x 12 Floor Tile (Brown) with Mastic (Brown)	20-FT2-60	Kitchen Flooring	None Detected - Yellow Mastic
21	Floor Tile (Brown, Wood) and Insulation (White)	21-FT5-61	Living Room and Bathroom Floor	None Detected - Flooring

HA No.	Material Description	Sample Number	Sample Location	Lab Results
21	Floor Tile (Brown, Wood) and Insulation (White)	21-FT5-61	Living Room and Bathroom Floor	None Detected - Foam Backing
21	Floor Tile (Brown, Wood) and Insulation (White)	21-FT5-62	Living Room and Bathroom Floor	None Detected - Flooring
21	Floor Tile (Brown, Wood) and Insulation (White)	21-FT5-62	Living Room and Bathroom Floor	None Detected - Foam Backing
21	Floor Tile (Brown, Wood) and Insulation (White)	21-FT5-63	Living Room and Bathroom Floor	None Detected - Flooring
21	Floor Tile (Brown, Wood) and Insulation (White)	21-FT5-63	Living Room and Bathroom Floor	None Detected - Foam Backing
22	18" x 18" Ceramic Floor (Gray) with Mastic (Clear)	22-FT5-64	Bathroom	None Detected - Floor Tile
22	18" x 18" Ceramic Floor (Gray) with Mastic (Clear)	22-FT5-64	Bathroom	None Detected - Clear Mastic
22	18" x 18" Ceramic Floor (Gray) with Mastic (Clear)	22-FT5-64	Bathroom	- No Ceramic Tile
22	18" x 18" Ceramic Floor (Gray) with Mastic (Clear)	22-FT5-65	Bathroom	None Detected - Floor Tile
22	18" x 18" Ceramic Floor (Gray) with Mastic (Clear)	22-FT5-65	Bathroom	None Detected - Clear Mastic
22	18" x 18" Ceramic Floor (Gray) with Mastic (Clear)	22-FT5-65	Bathroom	- No Ceramic Tile
22	18" x 18" Ceramic Floor (Gray) with Mastic (Clear)	22-FT5-66	Bathroom	None Detected - Floor Tile
22	18" x 18" Ceramic Floor (Gray) with Mastic (Clear)	22-FT5-66	Bathroom	None Detected - Clear Mastic
22	18" x 18" Ceramic Floor (Gray) with Mastic (Clear)	22-FT5-66	Bathroom	- No Ceramic Tile
23	Tar Paper (Black)	23-PM5-67	Under Hallway Floor Tile	None Detected - Tar Paper
23	Tar Paper (Black)	23-PM5-68	Under Hallway Floor Tile	None Detected - Tar Paper
23	Tar Paper (Black)	23-PM5-69	Under Hallway Floor Tile	None Detected - Tar Paper
24	Top Caulk (White)	24-CA5-70	Bathroom	None Detected - Caulking
24	Top Caulk (White)	24-CA5-71	Bathroom	None Detected - Caulking
24	Top Caulk (White)	24-CA5-72	Bathroom	None Detected - Caulking
25	Bottom Caulk (Tan)	25-CA5-73	Under White Caulk Around Shower	None Detected - Caulking

HA No.	Material Description	Sample Number	Sample Location	Lab Results
25	Bottom Caulk (Tan)	25-CA5-74	Under White Caulk Around Shower	None Detected - Caulking
25	Bottom Caulk (Tan)	25-CA5-75	Under White Caulk Around Shower	None Detected - Caulking
26	Tile (Flower Designed, Black)	26-FC1-76	East Attic Floor	None Detected - Flooring
26	Tile (Flower Designed, Black)	26-FC1-76	East Attic Floor	None Detected - Fiber Backing
26	Tile (Flower Designed, Black)	26-FC1-77	East Attic Floor	None Detected - Flooring
26	Tile (Flower Designed, Black)	26-FC1-77	East Attic Floor	None Detected - Fiber Backing
26	Tile (Flower Designed, Black)	26-FC1-78	East Attic Floor	None Detected - Flooring
26	Tile (Flower Designed, Black)	26-FC1-78	East Attic Floor	None Detected - Fiber Backing
27	Tile (Brown) with Paper (Dark Brown)	27-FC1-79	East Attic under HA 26	None Detected - Flooring
27	Tile (Brown) with Paper (Dark Brown)	27-FC1-79	East Attic under HA 26	None Detected - Fiber Backing
27	Tile (Brown) with Paper (Dark Brown)	27-FC1-80	East Attic under HA 26	None Detected - Flooring
27	Tile (Brown) with Paper (Dark Brown)	27-FC1-80	East Attic under HA 26	None Detected - Fiber Backing
27	Tile (Brown) with Paper (Dark Brown)	27-FC1-81	East Attic under HA 26	None Detected - Flooring
27	Tile (Brown) with Paper (Dark Brown)	27-FC1-81	East Attic under HA 26	None Detected - Fiber Backing
28	Floor Tile (Gray / Black)	28-FC1-82	West Attic	None Detected - Flooring
28	Floor Tile (Gray / Black)	28-FC1-82	West Attic	None Detected - Fiber Backing
28	Floor Tile (Gray / Black)	28-FC1-83	West Attic	None Detected - Flooring
28	Floor Tile (Gray / Black)	28-FC1-83	West Attic	None Detected - Fiber Backing
28	Floor Tile (Gray / Black)	28-FC1-84	West Attic	None Detected - Flooring
28	Floor Tile (Gray / Black)	28-FC1-84	West Attic	None Detected - Fiber Backing
29	Fiberglass (Pink) and Paper (Black, Brittle)	29-AW5-85	In Attic Floor	None Detected - Thermal Insulation

HA No.	Material Description	Sample Number	Sample Location	Lab Results
29	Fiberglass (Pink) and Paper (Black, Brittle)	29-AW5-85	In Attic Floor	None Detected - Paper / Tar Wrap
29	Fiberglass (Pink) and Paper (Black, Brittle)	29-AW5-86	In Attic Floor	None Detected - Thermal Insulation
29	Fiberglass (Pink) and Paper (Black, Brittle)	29-AW5-86	In Attic Floor	None Detected - Paper / Tar Wrap
29	Fiberglass (Pink) and Paper (Black, Brittle)	29-AW5-87	In Attic Floor	None Detected - Thermal Insulation
29	Fiberglass (Pink) and Paper (Black, Brittle)	29-AW5-87	In Attic Floor	None Detected - Paper / Tar Wrap
30	Shingles (Black) and Plastic (Black)	30-RF3-88	Roof	None Detected - Roofing Shingle 1
30	Shingles (Black) and Plastic (Black)	30-RF3-88	Roof	None Detected - Roofing Shingle 2
30	Shingles (Black) and Plastic (Black)	30-RF3-88	Roof	None Detected - Plastic
30	Shingles (Black) and Plastic (Black)	30-RF3-89	Roof	None Detected - Roofing Shingle 1
30	Shingles (Black) and Plastic (Black)	30-RF3-89	Roof	None Detected - Roofing Shingle 2
30	Shingles (Black) and Plastic (Black)	30-RF3-89	Roof	None Detected - Plastic
30	Shingles (Black) and Plastic (Black)	30-RF3-90	Roof	None Detected - Roofing Shingle 1
30	Shingles (Black) and Plastic (Black)	30-RF3-90	Roof	None Detected - Roofing Shingle 2
30	Shingles (Black) and Plastic (Black)	30-RF3-90	Roof	None Detected - Plastic
31	Mortar (Gray)	31-MA3-91	North Basement Window Exterior	None Detected - Mortar
31	Mortar (Gray)	31-MA3-92	North Basement Window Exterior	None Detected - Mortar
31	Mortar (Gray)	31-MA3-93	North Basement Window Exterior	None Detected - Mortar
32	Caulk (White, Hard)	32-CA1-94	Between Window and Foundation on Exterior	None Detected - Caulking
32	Caulk (White, Hard)	32-CA1-95	Between Window and Foundation on Exterior	None Detected - Caulking
32	Caulk (White, Hard)	32-CA1-96	Between Window and Foundation on Exterior	None Detected - Caulking
33	Window Caulk (Black)	33-CA1-97	South Exterior, 1st Floor Window	None Detected - Caulking

HA No.	Material Description	Sample Number	Sample Location	Lab Results
33	Window Caulk (Black)	33-CA1-98	South Exterior, 1st Floor Window	None Detected - Caulking
33	Window Caulk (Black)	33-CA1-99	South Exterior, 1st Floor Window	None Detected - Caulking
34	Sink Undercoat (Black)	34-SC6-100	Kitchen Sink	None Detected - Sink Undercoating
34	Sink Undercoat (Black)	34-SC6-101	Kitchen Sink	None Detected - Sink Undercoating
34	Sink Undercoat (Black)	34-SC6-102	Kitchen Sink	None Detected - Sink Undercoating
35	12 x 12 Floor Tile (White / Black) with Mastic (Black and Brown)	35-FT2-103	Under Sink	None Detected - Floor Tile
35	12 x 12 Floor Tile (White / Black) with Mastic (Black and Brown)	35-FT2-103	Under Sink	None Detected - Clear Mastic
35	12 x 12 Floor Tile (White / Black) with Mastic (Black and Brown)	35-FT2-104	Under Sink	None Detected - Floor Tile
35	12 x 12 Floor Tile (White / Black) with Mastic (Black and Brown)	35-FT2-104	Under Sink	None Detected - Clear Mastic
35	12 x 12 Floor Tile (White / Black) with Mastic (Black and Brown)	35-FT2-105	Under Sink	None Detected - Floor Tile
35	12 x 12 Floor Tile (White / Black) with Mastic (Black and Brown)	35-FT2-105	Under Sink	None Detected - Clear Mastic
36	Insulation (Blue), Shingle Like Material (Black), Fiberglass Insulation, Fiberboard (Brown)	36-MS5-106	Under House Siding	None Detected - Siding Material
36	Insulation (Blue), Shingle Like Material (Black), Fiberglass Insulation, Fiberboard (Brown)	36-MS5-106	Under House Siding	None Detected - Fiber Board
36	Insulation (Blue), Shingle Like Material (Black), Fiberglass Insulation, Fiberboard (Brown)	36-MS5-106	Under House Siding	None Detected - Foam Insulation

HA No.	Material Description	Sample Number	Sample Location	Lab Results
36	Insulation (Blue), Shingle Like Material (Black), Fiberglass Insulation, Fiberboard (Brown)	36-MS5-107	Under House Siding	None Detected - Siding Material
36	Insulation (Blue), Shingle Like Material (Black), Fiberglass Insulation, Fiberboard (Brown)	36-MS5-107	Under House Siding	None Detected - Fiber Board
36	Insulation (Blue), Shingle Like Material (Black), Fiberglass Insulation, Fiberboard (Brown)	36-MS5-107	Under House Siding	None Detected - Foam Insulation
36	Insulation (Blue), Shingle Like Material (Black), Fiberglass Insulation, Fiberboard (Brown)	36-MS5-107	Under House Siding	None Detected - Thermal Insulation
36	Insulation (Blue), Shingle Like Material (Black), Fiberglass Insulation, Fiberboard (Brown)	36-MS5-108	Under House Siding	None Detected - Siding Material
36	Insulation (Blue), Shingle Like Material (Black), Fiberglass Insulation, Fiberboard (Brown)	36-MS5-108	Under House Siding	None Detected - Fiber Board
36	Insulation (Blue), Shingle Like Material (Black), Fiberglass Insulation, Fiberboard (Brown)	36-MS5-108	Under House Siding	None Detected - Foam Insulation
36	Insulation (Blue), Shingle Like Material (Black), Fiberglass Insulation, Fiberboard (Brown)	36-MS5-108	Under House Siding	None Detected - Thermal Insulation
36	Insulation (Blue), Shingle Like Material (Black), Fiberglass Insulation, Fiberboard (Brown)	36-MS5-108	Under House Siding	None Detected - Thermal Insulation

IDENTIFIED ASBESTOS CONTAINING MATERIALS BY HOMOGENEOUS AREA (HA)

HA No.	Material Description	Material Location	% and Type Asbestos**	NESHAP Classification	Condition	Estimated Quantity*
19	Fibrous Insulation (Gray)	Inside Heat Duct Vents	15% Chrysotile; 10% Amosite; 5% Crocidolite	Friable – Regulated Asbestos-Containing Material (RACM)	Good	10 Total Square Feet

***Estimated quantities** are based on a cursory field evaluation, and actual quantities may vary significantly, especially if asbestos containing materials are present in hidden and/or inaccessible areas not evaluated as part of this survey.

****% & Type Asbestos** = this column contains both the analytical result of the sample with the highest concentration of asbestos detected in the samples that make up the HA and the types of asbestos identified.

The materials listed in this table have been sampled and determined to contain asbestos in concentrations greater than 1%. When disturbed, various federal, state, and local regulations may apply. These materials should be monitored for damage over time and repaired as necessary by appropriately trained personnel. Removal may be necessary before renovations and in most cases before a demolition. See Appendix A for a summary of samples collected. See Appendix B for detailed analytical results.

NOT FOR BIDDING PURPOSES

APPENDIX B

ASBESTOS ANALYTICAL LABORATORY DATA AND CHAIN OF CUSTODY



PLM Summary Report

NVLAP Lab Code 102056-0

TDSHS License No. 300084

2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

Client : Terracon - Franklin
Project : 103 E. Ohio Avenue
Project # : 58217074
Identification : Asbestos, Bulk Sample Analysis
Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
EPA Method 600 / R-93 / 116

Lab Job No. : 23B-00190
Report Date : 01/13/2023
Sample Date : 01/05/2023

On 1/6/2023, one hundred eight (108) bulk material samples were submitted by Brian Boelkow of Terracon - Franklin for asbestos analysis by PLM/DS. The PLM Detail Report is attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
1-PI5-1	Foam Like (Black), Basement Water Pipe	None Detected - Foam Insulation
1-PI5-2	Foam Like (Black), Basement Water Pipe	None Detected - Foam Insulation
1-PI5-3	Foam Like (Black), Basement Water Pipe	None Detected - Foam Insulation
2-AW5-4	Fiberglass (Yellow) and Paper (Black), Insulation on Exterior Basement Wall	None Detected - Thermal Insulation None Detected - Tar Paper
2-AW5-5	Fiberglass (Yellow) and Paper (Black), Insulation on Exterior Basement Wall	None Detected - Thermal Insulation None Detected - Tar Paper
2-AW5-6	Fiberglass (Yellow) and Paper (Black), Insulation on Exterior Basement Wall	None Detected - Thermal Insulation None Detected - Tar Paper
3-MA3-7	Mortar (White, Crumbly), Furnace Pipe and Chimney Intersection	None Detected - Mortar
3-MA3-8	Mortar (White, Crumbly), Furnace Pipe and Chimney Intersection	None Detected - Mortar
3-MA3-9	Mortar (White, Crumbly), Furnace Pipe and Chimney Intersection	None Detected - Mortar
4-CT4-10	2 x 4 Ceiling Tile, Basement REC Room	None Detected - Acoustic Tile
4-CT4-11	2 x 4 Ceiling Tile, Basement REC Room	None Detected - Acoustic Tile
4-CT4-12	2 x 4 Ceiling Tile, Basement REC Room	None Detected - Acoustic Tile
5-CT1-13	1 x 1 Ceiling Tile, Bottom of Stairs	None Detected - Acoustic Tile
5-CT1-14	1 x 1 Ceiling Tile, Bottom of Stairs	None Detected - Acoustic Tile
5-CT1-15	1 x 1 Ceiling Tile, Bottom of Stairs	None Detected - Acoustic Tile
6-WB2-16	Drywall (White) and Paper (Tan), Stairwell	None Detected - Drywall Material None Detected - Joint Compound
6-WB2-17	Drywall (White) and Paper (Tan), Stairwell	None Detected - Drywall Material None Detected - Joint Compound



PLM Summary Report

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On 1/6/2023, one hundred eight (108) bulk material samples were submitted by Brian Boelkow of Terracon - Franklin for asbestos analysis by PLM/DS. The PLM Detail Report is attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
6-WB2-18	Drywall (White) and Paper (Tan), Stairwell	None Detected - Drywall Material None Detected - Joint Compound
7-MA2-19	CMU and Mortar, Exterior Foundation Walls	No CMU None Detected - Mortar
7-MA2-20	CMU and Mortar, Exterior Foundation Walls	No CMU None Detected - Mortar
7-MA2-21	CMU and Mortar, Exterior Foundation Walls	No CMU None Detected - Mortar
8-MA2-22	Chimney CMU and Mortar, Basement Chimney	None Detected - CMU None Detected - Mortar
8-MA2-23	Chimney CMU and Mortar, Basement Chimney	None Detected - CMU None Detected - Mortar
8-MA2-24	Chimney CMU and Mortar, Basement Chimney	None Detected - CMU None Detected - Mortar
9-SC1-25	Window Pane Glazing (White) with Paint (Gray), Exterior Southeast Window	None Detected - Window Glazing None Detected - Paint
9-SC1-26	Window Pane Glazing (White) with Paint (Gray), Exterior Southeast Window	None Detected - Window Glazing None Detected - Paint
9-SC1-27	Window Pane Glazing (White) with Paint (Gray), Exterior Southeast Window	None Detected - Window Glazing None Detected - Paint
10-FC3-28	Cove Base (Hard Tan Styrofoam-like) and Mastic (Tan), Living Room and Bathroom Walls	None Detected - Cove Base None Detected - Tan Mastic
10-FC3-29	Cove Base (Hard Tan Styrofoam-like) and Mastic (Tan), Living Room and Bathroom Walls	None Detected - Cove Base None Detected - Tan Mastic
10-FC3-30	Cove Base (Hard Tan Styrofoam-like) and Mastic (Tan), Living Room and Bathroom Walls	None Detected - Cove Base None Detected - Tan Mastic
11-MG5-31	Mastic (Tan / Brown Hard Brittle), Above Kitchen Sink behind Back Wall Paneling	None Detected - Tan Mastic



PLM Summary Report

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On 1/6/2023, one hundred eight (108) bulk material samples were submitted by Brian Boelkow of Terracon - Franklin for asbestos analysis by PLM/DS. The PLM Detail Report is attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
11-MG5-32	Mastic (Tan / Brown Hard Brittle), Above Kitchen Sink behind Back Wall Paneling	None Detected - Tan Mastic
11-MG5-33	Mastic (Tan / Brown Hard Brittle), Above Kitchen Sink behind Back Wall Paneling	None Detected - Tan Mastic
12-FC3-34	Cove Base (Gray) and Mastic (Tan), Kitchen and Bathroom Base of Walls	None Detected - Cove Base None Detected - Tan Mastic
12-FC3-35	Cove Base (Gray) and Mastic (Tan), Kitchen and Bathroom Base of Walls	None Detected - Cove Base None Detected - Tan Mastic
12-FC3-36	Cove Base (Gray) and Mastic (Tan), Kitchen and Bathroom Base of Walls	None Detected - Cove Base None Detected - Tan Mastic
13-WB5-37	Plaster (Gray) over Drywall (White), 1st Floor Walls	None Detected - Drywall Material None Detected - Plaster
13-WB5-38	Plaster (Gray) over Drywall (White), 1st Floor Walls	None Detected - Drywall Material None Detected - Plaster
13-WB5-39	Plaster (Gray) over Drywall (White), 1st Floor Walls	None Detected - Drywall Material None Detected - Plaster
14-WB5-40	Plaster (Gray) over Drywall (White), 1st Floor Ceiling	None Detected - Drywall Material None Detected - Base Plaster None Detected - Top Plaster
14-WB5-41	Plaster (Gray) over Drywall (White), 1st Floor Ceiling	None Detected - Drywall Material None Detected - Base Plaster None Detected - Top Plaster
14-WB5-42	Plaster (Gray) over Drywall (White), 1st Floor Ceiling	None Detected - Drywall Material None Detected - Base Plaster None Detected - Top Plaster
15-WB4-43	Texture (White) with Paint (Maroon), Bedroom Ceiling	None Detected - Plaster None Detected - Textured Paint
15-WB4-44	Texture (White) with Paint (Maroon), Bedroom Ceiling	None Detected - Plaster None Detected - Textured Paint



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On 1/6/2023, one hundred eight (108) bulk material samples were submitted by Brian Boelkow of Terracon - Franklin for asbestos analysis by PLM/DS. The PLM Detail Report is attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
15-WB4-45	Texture (White) with Paint (Maroon), Bedroom Ceiling	None Detected - Plaster None Detected - Textured Paint
16-WB5-46	Wall Tile (White and Brown) with Mastic (Gray), Bathroom Walls	None Detected - Fiber Board None Detected - Gray Mastic
16-WB5-47	Wall Tile (White and Brown) with Mastic (Gray), Bathroom Walls	None Detected - Fiber Board None Detected - Gray Mastic
16-WB5-48	Wall Tile (White and Brown) with Mastic (Gray), Bathroom Walls	None Detected - Fiber Board None Detected - Gray Mastic
17-WB5-49	Wainscoting (Green Painted Brown Wood) with Mastic (Dark Brown), Kitchen Walls	None Detected - Brown Mastic None Detected - Fiber Board None Detected - Paint
17-WB5-50	Wainscoting (Green Painted Brown Wood) with Mastic (Dark Brown), Kitchen Walls	None Detected - Brown Mastic None Detected - Fiber Board None Detected - Paint
17-WB5-51	Wainscoting (Green Painted Brown Wood) with Mastic (Dark Brown), Kitchen Walls	None Detected - Brown Mastic None Detected - Fiber Board None Detected - Paint
18-FT5-52	Tile (White), Paper (Brown) and Mastic (Black), Kitchen Closet Shelf	None Detected - Yellow Mastic None Detected - Flooring None Detected - Fiber Backing No Black Mastic
18-FT5-53	Tile (White), Paper (Brown) and Mastic (Black), Kitchen Closet Shelf	None Detected - Yellow Mastic None Detected - Flooring None Detected - Fiber Backing No Black Mastic
18-FT5-54	Tile (White), Paper (Brown) and Mastic (Black), Kitchen Closet Shelf	None Detected - Yellow Mastic None Detected - Flooring None Detected - Fiber Backing No Black Mastic



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Sample Number	Client Sample Description / Location	Asbestos Content
19-AW5-55	Fibrous Insulation (Gray), Inside Heat Duct Vents	15% Chrysotile - Insulation 10% Amosite - Insulation 5% Crocidolite - Insulation
19-AW5-56	Fibrous Insulation (Gray), Inside Heat Duct Vents	15% Chrysotile - Insulation 10% Amosite - Insulation 5% Crocidolite - Insulation
19-AW5-57	Fibrous Insulation (Gray), Inside Heat Duct Vents	15% Chrysotile - Insulation 10% Amosite - Insulation 5% Crocidolite - Insulation
20-FT2-58	12 x 12 Floor Tile (Brown) with Mastic (Brown), Kitchen Flooring	None Detected - Floor Tile None Detected - Yellow Mastic
20-FT2-59	12 x 12 Floor Tile (Brown) with Mastic (Brown), Kitchen Flooring	None Detected - Floor Tile None Detected - Yellow Mastic
20-FT2-60	12 x 12 Floor Tile (Brown) with Mastic (Brown), Kitchen Flooring	None Detected - Floor Tile None Detected - Yellow Mastic
21-FT5-61	Floor Tile (Brown, Wood) and Insulation (White), Living Room and Bathroom Floor	None Detected - Flooring None Detected - Foam Backing
21-FT5-62	Floor Tile (Brown, Wood) and Insulation (White), Living Room and Bathroom Floor	None Detected - Flooring None Detected - Foam Backing
21-FT5-63	Floor Tile (Brown, Wood) and Insulation (White), Living Room and Bathroom Floor	None Detected - Flooring None Detected - Foam Backing
22-FT5-64	18" x 18" Ceramic Floor (Gray) with Mastic (Clear), Bathroom	None Detected - Floor Tile None Detected - Clear Mastic No Ceramic Tile
22-FT5-65	18" x 18" Ceramic Floor (Gray) with Mastic (Clear), Bathroom	None Detected - Floor Tile None Detected - Clear Mastic No Ceramic Tile
22-FT5-66	18" x 18" Ceramic Floor (Gray) with Mastic (Clear), Bathroom	None Detected - Floor Tile None Detected - Clear Mastic No Ceramic Tile



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Sample Number	Client Sample Description / Location	Asbestos Content
23-PM5-67	Tar Paper (Black), Under Hallway Floor Tile	None Detected - Tar Paper
23-PM5-68	Tar Paper (Black), Under Hallway Floor Tile	None Detected - Tar Paper
23-PM5-69	Tar Paper (Black), Under Hallway Floor Tile	None Detected - Tar Paper
24-CA5-70	Top Caulk (White), Bathroom	None Detected - Caulking
24-CA5-71	Top Caulk (White), Bathroom	None Detected - Caulking
24-CA5-72	Top Caulk (White), Bathroom	None Detected - Caulking
25-CA5-73	Bottom Caulk (Tan), Under White Caulk Around Shower	None Detected - Caulking
25-CA5-74	Bottom Caulk (Tan), Under White Caulk Around Shower	None Detected - Caulking
25-CA5-75	Bottom Caulk (Tan), Under White Caulk Around Shower	None Detected - Caulking
26-FC1-76	Tile (Flower Designed, Black), East Attic Floor	None Detected - Flooring None Detected - Fiber Backing
26-FC1-77	Tile (Flower Designed, Black), East Attic Floor	None Detected - Flooring None Detected - Fiber Backing
26-FC1-78	Tile (Flower Designed, Black), East Attic Floor	None Detected - Flooring None Detected - Fiber Backing
27-FC1-79	Tile (Brown) with Paper (Dark Brown), East Attic under HA 26	None Detected - Flooring None Detected - Fiber Backing
27-FC1-80	Tile (Brown) with Paper (Dark Brown), East Attic under HA 26	None Detected - Flooring None Detected - Fiber Backing
27-FC1-81	Tile (Brown) with Paper (Dark Brown), East Attic under HA 26	None Detected - Flooring None Detected - Fiber Backing
28-FC1-82	Floor Tile (Gray / Black), West Attic	None Detected - Flooring None Detected - Fiber Backing
28-FC1-83	Floor Tile (Gray / Black), West Attic	None Detected - Flooring None Detected - Fiber Backing



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Client : Terracon - Franklin

Lab Job No. : 23B-00190

Project : 103 E. Ohio Avenue

Report Date : 01/13/2023

Project # : 58217074

Sample Date : 01/05/2023

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Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
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On 1/6/2023, one hundred eight (108) bulk material samples were submitted by Brian Boelkow of Terracon - Franklin for asbestos analysis by PLM/DS. The PLM Detail Report is attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
28-FC1-84	Floor Tile (Gray / Black), West Attic	None Detected - Flooring None Detected - Fiber Backing
29-AW5-85	Fiberglass (Pink) and Paper (Black, Brittle), In Attic Floor	None Detected - Thermal Insulation None Detected - Paper / Tar Wrap
29-AW5-86	Fiberglass (Pink) and Paper (Black, Brittle), In Attic Floor	None Detected - Thermal Insulation None Detected - Paper / Tar Wrap
29-AW5-87	Fiberglass (Pink) and Paper (Black, Brittle), In Attic Floor	None Detected - Thermal Insulation None Detected - Paper / Tar Wrap
30-RF3-88	Shingles (Black) and Plastic (Black), Roof	None Detected - Roofing Shingle 1 None Detected - Roofing Shingle 2 None Detected - Plastic
30-RF3-89	Shingles (Black) and Plastic (Black), Roof	None Detected - Roofing Shingle 1 None Detected - Roofing Shingle 2 None Detected - Plastic
30-RF3-90	Shingles (Black) and Plastic (Black), Roof	None Detected - Roofing Shingle 1 None Detected - Roofing Shingle 2 None Detected - Plastic
31-MA3-91	Mortar (Gray), North Basement Window Exterior	None Detected - Mortar
31-MA3-92	Mortar (Gray), North Basement Window Exterior	None Detected - Mortar
31-MA3-93	Mortar (Gray), North Basement Window Exterior	None Detected - Mortar
32-CA1-94	Caulk (White, Hard), Between Window and Foundation on Exterior	None Detected - Caulking
32-CA1-95	Caulk (White, Hard), Between Window and Foundation on Exterior	None Detected - Caulking
32-CA1-96	Caulk (White, Hard), Between Window and Foundation on Exterior	None Detected - Caulking
33-CA1-97	Window Caulk (Black), South Exterior, 1st Floor Window	None Detected - Caulking
33-CA1-98	Window Caulk (Black), South Exterior, 1st Floor Window	None Detected - Caulking



PLM Summary Report

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Sample Number	Client Sample Description / Location	Asbestos Content
33-CA1-99	Window Caulk (Black), South Exterior, 1st Floor Window	None Detected - Caulking
34-SC6-100	Sink Undercoat (Black), Kitchen Sink	None Detected - Sink Undercoating
34-SC6-101	Sink Undercoat (Black), Kitchen Sink	None Detected - Sink Undercoating
34-SC6-102	Sink Undercoat (Black), Kitchen Sink	None Detected - Sink Undercoating
35-FT2-103	12 x 12 Floor Tile (White / Black) with Mastic (Black and Brown), Under Sink	None Detected - Floor Tile None Detected - Clear Mastic
35-FT2-104	12 x 12 Floor Tile (White / Black) with Mastic (Black and Brown), Under Sink	None Detected - Floor Tile None Detected - Clear Mastic
35-FT2-105	12 x 12 Floor Tile (White / Black) with Mastic (Black and Brown), Under Sink	None Detected - Floor Tile None Detected - Clear Mastic
36-MS5-106	Insulation (Blue), Shingle Like Material (Black), Fiberglass Insulation, Fiberboard (Brown), Under House Siding	None Detected - Siding Material None Detected - Fiber Board None Detected - Foam Insulation
36-M5-107	Insulation (Blue), Shingle Like Material (Black), Fiberglass Insulation, Fiberboard (Brown), Under House Siding	None Detected - Siding Material None Detected - Fiber Board None Detected - Foam Insulation
36-MS5-108	Insulation (Blue), Shingle Like Material (Black), Fiberglass Insulation, Fiberboard (Brown), Under House Siding	None Detected - Siding Material None Detected - Fiber Board None Detected - Foam Insulation None Detected - Thermal Insulation

These samples were analyzed by layers. Quantification, unless otherwise noted, is performed by calibrated visual estimate. The test report shall not be reproduced except in full without written approval of the laboratory. The results relate only to the items tested. These test results do not imply endorsement by NVLAP or any agency of the U.S. Government. Accredited by the National Voluntary Laboratory Accreditation Program for Bulk Asbestos Fiber Analysis under Lab Code 102056-0.



Analyst(s): Jeremy Cooper, Shaun Wilkerson, Willie Pruitt

Lab Manager : Heather Lopez

Approved Signatory : _____

Lab Director : Bruce Crabb

Approved Signatory : _____

Thank you for choosing Moody Labs

Moody Labs
 2051 Valley View Lane
 Farmers Branch, TX 75234 Phone: (972) 241-8460

PLM Detail Report
 Supplement to PLM Summary Report

NVLAP Lab Code 102056-0
 TDSHS License No. 300084

Client : Terracon - Franklin
 Project : 103 E. Ohio Avenue
 Project # : 58217074

Lab Job No. : 23B-00190
 Report Date : 01/13/2023

Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst
1-PI5-1	Foam Insulation (Black)	100%	Synthetic Foam	100%	01/12	WP
1-PI5-2	Foam Insulation (Black)	100%	Synthetic Foam	100%	01/12	WP
1-PI5-3	Foam Insulation (Black)	100%	Synthetic Foam	100%	01/12	WP
2-AW5-4	Thermal Insulation (Yellow)	70%	Mineral Wool Fibers	95%	01/12	WP
			Resin Binders	5%		
	Tar Paper (Black)	30%	Cellulose Fibers	90%		
			Tar Binders	10%		
2-AW5-5	Thermal Insulation (Yellow)	70%	Mineral Wool Fibers	95%	01/12	WP
			Resin Binders	5%		
	Tar Paper (Black)	30%	Cellulose Fibers	90%		
			Tar Binders	10%		
2-AW5-6	Thermal Insulation (Yellow)	70%	Mineral Wool Fibers	95%	01/12	WP
			Resin Binders	5%		
	Tar Paper (Black)	30%	Cellulose Fibers	90%		
			Tar Binders	10%		
3-MA3-7	Mortar (Light Grey)	100%	Aggregate	65%	01/12	WP
			Cement Binders	35%		
3-MA3-8	Mortar (Light Grey)	100%	Aggregate	65%	01/12	WP
			Cement Binders	35%		
3-MA3-9	Mortar (Light Grey)	100%	Aggregate	65%	01/12	WP
			Cement Binders	35%		
4-CT4-10	Acoustic Tile (Light Tan)	100%	Cellulose Fibers	80%	01/12	WP
			Perlite	20%		
4-CT4-11	Acoustic Tile (Light Tan)	100%	Cellulose Fibers	80%	01/12	WP
			Perlite	20%		
4-CT4-12	Acoustic Tile (Light Tan)	100%	Cellulose Fibers	80%	01/12	WP
			Perlite	20%		
5-CT1-13	Acoustic Tile (Tan)	100%	Wood Fibers	100%	01/12	WP

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PLM Detail Report
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 Project # : 58217074

Lab Job No. : 23B-00190
 Report Date : 01/13/2023

Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst
5-CT1-14	Acoustic Tile (Tan)	100%	Wood Fibers	100%	01/12	WP
5-CT1-15	Acoustic Tile (Tan)	100%	Wood Fibers	100%	01/12	WP
6-WB2-16	Drywall Material (White)	85%	Cellulose Fibers	2%	01/12	WP
			Gypsum / Binders	98%		
	DW Paper Facing (Tan)	12%	Cellulose Fibers	100%		
6-WB2-17	Joint Compound (White)	3%	Calcite / Gypsum Binders	100%	01/12	WP
	Drywall Material (White)	85%	Cellulose Fibers	2%		
			Gypsum / Binders	98%		
6-WB2-18	DW Paper Facing (Tan)	12%	Cellulose Fibers	100%	01/12	WP
	Joint Compound (White)	3%	Calcite / Gypsum Binders	100%		
	Drywall Material (White)	85%	Cellulose Fibers	2%		
7-MA2-19			Gypsum / Binders	98%	01/12	WP
	No CMU		Aggregate	65%		
	Mortar (Grey)	100%	Cement Binders	35%		
7-MA2-20			Cement Binders	35%	01/12	WP
	No CMU		Aggregate	65%		
	Mortar (Grey)	100%	Cement Binders	35%		
7-MA2-21			Aggregate	65%	01/12	WP
	No CMU		Cement Binders	35%		
	Mortar (Grey)	100%	Aggregate	65%		
8-MA2-22			Cement Binders	35%	01/12	JC
	CMU (Light Grey)	55%	Aggregate	65%		
	Mortar (Grey)	45%	Cement Binders	35%		
			Aggregate	65%		
			Cement Binders	35%		

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Client : Terracon - Franklin
 Project : 103 E. Ohio Avenue
 Project # : 58217074

Lab Job No. : 23B-00190
 Report Date : 01/13/2023

Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst
8-MA2-23	CMU (Light Grey)	50%	Aggregate	65%	01/12	JC
			Cement Binders	35%		
	Mortar (Grey)	50%	Aggregate	65%		
			Cement Binders	35%		
8-MA2-24	CMU (Light Grey)	90%	Aggregate	65%	01/12	JC
			Cement Binders	35%		
	Mortar (Grey)	10%	Aggregate	65%		
			Cement Binders	35%		
9-SC1-25	Window Glazing (Off-White)	95%	Calcite	60%	01/12	JC
			Binders / Fillers	40%		
	Paint (Gray)	5%	Pigment / Binders	100%		
9-SC1-26	Window Glazing (Off-White)	95%	Calcite	60%	01/12	JC
			Binders / Fillers	40%		
	Paint (Gray)	5%	Pigment / Binders	100%		
9-SC1-27	Window Glazing (Off-White)	95%	Calcite	60%	01/12	JC
			Binders / Fillers	40%		
	Paint (Gray)	5%	Pigment / Binders	100%		
10-FC3-28	Cove Base (Tan)	90%	Synthetic Foam	100%	01/12	JC
			Calcite	40%		
	Tan Mastic (Tan)	10%	Glue Binders	60%		
10-FC3-29	Cove Base (Tan)	90%	Synthetic Foam	100%	01/12	JC
			Calcite	40%		
	Tan Mastic (Tan)	10%	Glue Binders	60%		
10-FC3-30	Cove Base (Tan)	90%	Synthetic Foam	100%	01/12	JC
			Calcite	40%		
	Tan Mastic (Tan)	10%	Glue Binders	60%		
11-MG5-31	Tan Mastic (Tan)	100%	Calcite	40%	01/12	JC
			Glue Binders	60%		

Moody Labs
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PLM Detail Report
 Supplement to PLM Summary Report

NVLAP Lab Code 102056-0
 TDSHS License No. 300084

Client : Terracon - Franklin
 Project : 103 E. Ohio Avenue
 Project # : 58217074

Lab Job No. : 23B-00190
 Report Date : 01/13/2023

Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst
11-MG5-32	Tan Mastic (Tan)	100%	Calcite	40%	01/12	JC
			Glue Binders	60%		
11-MG5-33	Tan Mastic (Tan)	100%	Calcite	40%	01/12	JC
			Glue Binders	60%		
12-FC3-34	Cove Base (Gray)	95%	Calcite / Vinyl Binders	100%	01/12	JC
	Tan Mastic (Tan)	5%	Calcite	40%		
			Glue Binders	60%		
12-FC3-35	Cove Base (Gray)	95%	Calcite / Vinyl Binders	100%	01/12	JC
	Tan Mastic (Tan)	5%	Calcite	40%		
			Glue Binders	60%		
12-FC3-36	Cove Base (Gray)	95%	Calcite / Vinyl Binders	100%	01/12	JC
	Tan Mastic (Tan)	5%	Calcite	40%		
			Glue Binders	60%		
13-WB5-37	Drywall Material (White)	55%	Cellulose Fibers	5%	01/12	JC
	DW Paper Facing (Tan)	10%	Gypsum / Binders	95%		
			Cellulose Fibers	100%		
			Aggregate	65%		
Plaster (Gray)	35%	Gypsum / Binders	35%			
13-WB5-38	Drywall Material (White)	55%	Cellulose Fibers	5%	01/12	JC
	DW Paper Facing (Tan)	10%	Gypsum / Binders	95%		
			Cellulose Fibers	100%		
			Aggregate	65%		
Plaster (Gray)	35%	Gypsum / Binders	35%			
13-WB5-39	Drywall Material (White)	60%	Cellulose Fibers	5%	01/12	JC
	DW Paper Facing (Tan)	10%	Gypsum / Binders	95%		
			Cellulose Fibers	100%		
			Aggregate	65%		
Plaster (Gray)	30%	Gypsum / Binders	35%			

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 Project : 103 E. Ohio Avenue
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Lab Job No. : 23B-00190
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Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst
14-WB5-40	Drywall Material (White)	50%	Cellulose Fibers	5%	01/12	JC
			Gypsum / Binders	95%		
	DW Paper Facing (Tan)	10%	Cellulose Fibers	100%		
	Base Plaster (Gray)	20%	Aggregate	65%		
			Gypsum / Binders	35%		
Top Plaster (Light Gray)		20%	Aggregate	65%		
			Gypsum / Binders	35%		
14-WB5-41	Drywall Material (White)	20%	Cellulose Fibers	5%	01/12	JC
			Gypsum / Binders	95%		
	DW Paper Facing (Tan)	10%	Cellulose Fibers	100%		
	Base Plaster (Gray)	35%	Aggregate	65%		
			Gypsum / Binders	35%		
Top Plaster (Light Gray)		35%	Aggregate	65%		
			Gypsum / Binders	35%		
14-WB5-42	Drywall Material (White)	40%	Cellulose Fibers	5%	01/12	JC
			Gypsum / Binders	95%		
	DW Paper Facing (Tan)	10%	Cellulose Fibers	100%		
	Base Plaster (Gray)	25%	Aggregate	65%		
			Gypsum / Binders	35%		
Top Plaster (Light Gray)		25%	Aggregate	65%		
			Gypsum / Binders	35%		
15-WB4-43	Plaster (Light Gray)	30%	Aggregate	65%	01/12	JC
			Calcite / Binders	35%		
	Textured Paint (Maroon)	70%	Calcite	20%		
			Pigment / Binders	80%		
15-WB4-44	Plaster (Light Gray)	30%	Aggregate	65%	01/12	JC
			Calcite / Binders	35%		
	Textured Paint (Maroon)	70%	Calcite	20%		
			Pigment / Binders	80%		

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Lab Job No. : 23B-00190
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Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst
15-WB4-45	Plaster (Light Gray)	60%	Aggregate	65%	01/12	JC
			Calcite / Binders	35%		
	Textured Paint (Maroon)	40%	Calcite	20%		
			Pigment / Binders	80%		
16-WB5-46	Fiber Board (White / Brown)	98%	Wood Fibers	95%	01/12	JC
			Vinyl Binders	5%		
	Gray Mastic (Gray)	2%	Calcite	60%		
			Glue Binders	40%		
16-WB5-47	Fiber Board (White / Brown)	98%	Wood Fibers	95%	01/12	JC
			Vinyl Binders	5%		
	Gray Mastic (Gray)	2%	Calcite	60%		
			Glue Binders	40%		
16-WB5-48	Fiber Board (White / Brown)	98%	Wood Fibers	95%	01/12	JC
			Vinyl Binders	5%		
	Gray Mastic (Gray)	2%	Calcite	60%		
			Glue Binders	40%		
17-WB5-49	Brown Mastic (Brown)	5%	Calcite	10%	01/12	WP
			Glue Binders	90%		
	Fiber Board (Tan)	94%	Wood Fibers	100%		
	Paint (Green)	1%	Pigment / Binders	100%		
17-WB5-50	Brown Mastic (Brown)	5%	Calcite	10%	01/12	WP
			Glue Binders	90%		
	Fiber Board (Tan)	94%	Wood Fibers	100%		
	Paint (Green)	1%	Pigment / Binders	100%		
17-WB5-51	Brown Mastic (Brown)	5%	Calcite	10%	01/12	WP
			Glue Binders	90%		
	Fiber Board (Tan)	94%	Wood Fibers	100%		
	Paint (Green)	1%	Pigment / Binders	100%		

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Lab Job No. : 23B-00190
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Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst
18-FT5-52	Yellow Mastic (Yellow)	1%	Glue Binders	100%	01/12	WP
	Flooring (Tan)	55%	Cellulose Fibers	50%		
	Fiber Backing (Black)	44%	Calcite / Vinyl Binders	50%		
	No Black Mastic		Cellulose Fibers	85%		
			Tar Binders	15%		
18-FT5-53	Yellow Mastic (Yellow)	1%	Glue Binders	100%	01/12	WP
	Flooring (Tan)	55%	Cellulose Fibers	50%		
	Fiber Backing (Black)	44%	Calcite / Vinyl Binders	50%		
	No Black Mastic		Cellulose Fibers	85%		
			Tar Binders	15%		
18-FT5-54	Yellow Mastic (Yellow)	1%	Glue Binders	100%	01/12	WP
	Flooring (Tan)	55%	Cellulose Fibers	50%		
	Fiber Backing (Black)	44%	Calcite / Vinyl Binders	50%		
	No Black Mastic		Cellulose Fibers	85%		
			Tar Binders	15%		
19-AW5-55	Insulation (Light Grey)	100%	Chrysotile	15%	01/12	WP
			Amosite	10%		
			Crocidolite	5%		
			Binders / Fillers	70%		
19-AW5-56	Insulation (Light Grey)	100%	Chrysotile	15%	01/12	WP
			Amosite	10%		
			Crocidolite	5%		
			Binders / Fillers	70%		
19-AW5-57	Insulation (Light Grey)	100%	Chrysotile	15%	01/12	WP
			Amosite	10%		
			Crocidolite	5%		
			Binders / Fillers	70%		

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Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst
20-FT2-58	Floor Tile (Brown)	97%	Calcite / Vinyl Binders	100%	01/12	WP
	Yellow Mastic (Yellow)	3%	Glue Binders	100%		
20-FT2-59	Floor Tile (Brown)	97%	Calcite / Vinyl Binders	100%	01/12	WP
	Yellow Mastic (Yellow)	3%	Glue Binders	100%		
20-FT2-60	Floor Tile (Brown)	97%	Calcite / Vinyl Binders	100%	01/12	WP
	Yellow Mastic (Yellow)	3%	Glue Binders	100%		
21-FT5-61	Flooring (Wood Pattern)	85%	Wood Fibers	95%	01/12	WP
			Calcite / Vinyl Binders	5%		
	Foam Backing (White)	15%	Synthetic Foam	100%		
21-FT5-62	Flooring (Wood Pattern)	85%	Wood Fibers	95%	01/12	WP
			Calcite / Vinyl Binders	5%		
	Foam Backing (White)	15%	Synthetic Foam	100%		
21-FT5-63	Flooring (Wood Pattern)	85%	Wood Fibers	95%	01/12	WP
			Calcite / Vinyl Binders	5%		
	Foam Backing (White)	15%	Synthetic Foam	100%		
22-FT5-64	Floor Tile (White)	99%	Calcite / Vinyl Binders	100%	01/12	WP
	Clear Mastic (Clear)	1%	Glue Binders	100%		
	No Ceramic Tile					
22-FT5-65	Floor Tile (White)	99%	Calcite / Vinyl Binders	100%	01/12	WP
	Clear Mastic (Clear)	1%	Glue Binders	100%		
	No Ceramic Tile					
22-FT5-66	Floor Tile (White)	99%	Calcite / Vinyl Binders	100%	01/12	WP
	Clear Mastic (Clear)	1%	Glue Binders	100%		
	No Ceramic Tile					
23-PM5-67	Tar Paper (Black)	100%	Cellulose Fibers	90%	01/12	WP
			Tar Binders	10%		
23-PM5-68	Tar Paper (Black)	100%	Cellulose Fibers	90%	01/12	WP
			Tar Binders	10%		

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Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst
23-PM5-69	Tar Paper (Black)	100%	Cellulose Fibers	90%	01/12	WP
			Tar Binders	10%		
24-CA5-70	Caulking (White)	100%	Silicone Binders	100%	01/12	WP
24-CA5-71	Caulking (White)	100%	Silicone Binders	100%	01/12	WP
24-CA5-72	Caulking (White)	100%	Silicone Binders	100%	01/12	WP
25-CA5-73	Caulking (Tan)	100%	Calcite	50%	01/12	WP
			Binders / Fillers	50%		
25-CA5-74	Caulking (Tan)	100%	Calcite	50%	01/12	WP
			Binders / Fillers	50%		
25-CA5-75	Caulking (Tan)	100%	Calcite	50%	01/12	WP
			Binders / Fillers	50%		
26-FC1-76	Flooring (Multi-colored)	5%	Cellulose Fibers	50%	01/12	WP
			Calcite / Vinyl Binders	50%		
	Fiber Backing (Black)	95%	Cellulose Fibers	85%		
			Tar Binders	15%		
26-FC1-77	Flooring (Multi-colored)	5%	Cellulose Fibers	50%	01/12	WP
			Calcite / Vinyl Binders	50%		
	Fiber Backing (Black)	95%	Cellulose Fibers	85%		
			Tar Binders	15%		
26-FC1-78	Flooring (Multi-colored)	5%	Cellulose Fibers	50%	01/12	WP
			Calcite / Vinyl Binders	50%		
	Fiber Backing (Black)	95%	Cellulose Fibers	85%		
			Tar Binders	15%		
27-FC1-79	Flooring (Dark Brown)	35%	Cellulose Fibers	50%	01/12	SW
			Calcite / Vinyl Binders	50%		
	Fiber Backing (Black)	65%	Cellulose Fibers	85%		
			Tar Binders	15%		

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Client : Terracon - Franklin
 Project : 103 E. Ohio Avenue
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Lab Job No. : 23B-00190
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Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst
27-FC1-80	Flooring (Dark Brown)	35%	Cellulose Fibers	50%	01/12	SW
			Calcite / Vinyl Binders	50%		
	Fiber Backing (Black)	65%	Cellulose Fibers	85%		
			Tar Binders	15%		
27-FC1-81	Flooring (Dark Brown)	35%	Cellulose Fibers	50%	01/12	SW
			Calcite / Vinyl Binders	50%		
	Fiber Backing (Black)	65%	Cellulose Fibers	85%		
			Tar Binders	15%		
28-FC1-82	Flooring (Gray)	1%	Calcite / Vinyl Binders	100%	01/12	SW
			Cellulose Fibers	85%		
	Fiber Backing (Black)	99%	Cellulose Fibers	85%		
			Tar Binders	15%		
28-FC1-83	Flooring (Gray)	1%	Calcite / Vinyl Binders	100%	01/12	SW
			Cellulose Fibers	85%		
	Fiber Backing (Black)	99%	Cellulose Fibers	85%		
			Tar Binders	15%		
28-FC1-84	Flooring (Gray)	1%	Calcite / Vinyl Binders	100%	01/12	SW
			Cellulose Fibers	85%		
	Fiber Backing (Black)	99%	Cellulose Fibers	85%		
			Tar Binders	15%		
29-AW5-85	Thermal Insulation (Yellow)	90%	Mineral Wool Fibers	95%	01/12	SW
			Resin Binders	5%		
	Paper / Tar Wrap (Tan / Black)	10%	Cellulose Fibers	70%		
			Tar Binders	30%		
29-AW5-86	Thermal Insulation (Yellow)	90%	Mineral Wool Fibers	95%	01/12	SW
			Resin Binders	5%		
	Paper / Tar Wrap (Tan / Black)	10%	Cellulose Fibers	70%		
			Tar Binders	30%		
29-AW5-87	Thermal Insulation (Yellow)	90%	Mineral Wool Fibers	95%	01/12	SW
			Resin Binders	5%		
	Paper / Tar Wrap (Tan / Black)	10%	Cellulose Fibers	70%		
			Tar Binders	30%		

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Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst
30-RF3-88	Sand Layer (Gray)	10%	Aggregate	100%	01/12	SW
	Roofing Shingle 1 (Black)	35%	Glass Wool Fibers	25%		
			Calcite	30%		
			Tar Binders	45%		
	Sand Layer (Brown)	10%	Aggregate	100%		
		Roofing Shingle 2 (Black)	40%	Glass Wool Fibers		
	Calcite			30%		
Tar Binders	45%					
Plastic (Black)	5%	Plastic Film	100%			
30-RF3-89	Sand Layer (Gray)	10%	Aggregate	100%	01/12	SW
	Roofing Shingle 1 (Black)	35%	Glass Wool Fibers	25%		
			Calcite	30%		
			Tar Binders	45%		
	Sand Layer (Brown)	10%	Aggregate	100%		
		Roofing Shingle 2 (Black)	40%	Glass Wool Fibers		
	Calcite			30%		
Tar Binders	45%					
Plastic (Black)	5%	Plastic Film	100%			
30-RF3-90	Sand Layer (Gray)	10%	Aggregate	100%	01/12	SW
	Roofing Shingle 1 (Black)	35%	Glass Wool Fibers	25%		
			Calcite	30%		
			Tar Binders	45%		
	Sand Layer (Brown)	10%	Aggregate	100%		
		Roofing Shingle 2 (Black)	40%	Glass Wool Fibers		
	Calcite			30%		
Tar Binders	45%					
Plastic (Black)	5%	Plastic Film	100%			
31-MA3-91	Mortar (Gray)	100%	Aggregate	65%	01/12	SW
			Cement Binders	35%		

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Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst
31-MA3-92	Mortar (Gray)	100%	Aggregate	65%	01/12	SW
			Cement Binders	35%		
31-MA3-93	Mortar (Gray)	100%	Aggregate	65%	01/12	SW
			Cement Binders	35%		
32-CA1-94	Caulking (White)	100%	Calcite	50%	01/12	SW
			Binders / Fillers	50%		
32-CA1-95	Caulking (White)	100%	Calcite	50%	01/12	SW
			Binders / Fillers	50%		
32-CA1-96	Caulking (White)	100%	Calcite	50%	01/12	SW
			Binders / Fillers	50%		
33-CA1-97	Caulking (Black)	100%	Calcite	20%	01/12	SW
			Binders / Fillers	80%		
33-CA1-98	Caulking (Black)	100%	Calcite	20%	01/12	SW
			Binders / Fillers	80%		
33-CA1-99	Caulking (Black)	100%	Calcite	20%	01/12	SW
			Binders / Fillers	80%		
34-SC6-100	Sink Undercoating (Black)	100%	Tar Binders	100%	01/12	SW
34-SC6-101	Sink Undercoating (Black)	100%	Tar Binders	100%	01/12	SW
34-SC6-102	Sink Undercoating (Black)	100%	Tar Binders	100%	01/12	SW
35-FT2-103	Floor Tile (White)	95%	Calcite / Vinyl Binders	100%	01/12	SW
	Clear Mastic (Clear)	5%	Glue Binders	100%		
35-FT2-104	Floor Tile (White)	95%	Calcite / Vinyl Binders	100%	01/12	SW
	Clear Mastic (Clear)	5%	Glue Binders	100%		
35-FT2-105	Floor Tile (White)	95%	Calcite / Vinyl Binders	100%	01/12	SW
	Clear Mastic (Clear)	5%	Glue Binders	100%		

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Sample Number	Layer	% Of Sample	Components	% of Layer	Analysis Date	Analyst	
36-MS5-106	Aggregate (White)	10%	Aggregate	100%	01/12	SW	
	Siding Material (Black)	30%	Glass Wool Fibers	25%			
			Tar Binders	75%			
	Fiber Board (Tan)	35%	Wood Fibers	100%			
	Foam Insulation (Blue)	25%	Synthetic Foam	100%			
36-M5-107	Aggregate (White)	10%	Aggregate	100%	01/12	SW	
	Siding Material (Black)	40%	Glass Wool Fibers	25%			
			Tar Binders	75%			
	Fiber Board (Tan)	20%	Wood Fibers	100%			
	Foam Insulation (Blue)	15%	Synthetic Foam	100%			
		Thermal Insulation (Yellow)	15%	Mineral Wool Fibers			95%
			Resin Binders	5%			
36-MS5-108	Aggregate (White)	10%	Aggregate	100%	01/12	SW	
	Siding Material (Black)	30%	Glass Wool Fibers	25%			
			Tar Binders	75%			
	Fiber Board (Tan)	20%	Wood Fibers	100%			
	Foam Insulation (Blue)	15%	Synthetic Foam	100%			
		Thermal Insulation (Yellow)	10%	Mineral Wool Fibers			95%
				Resin Binders			5%
		Thermal Insulation (Yellow)	15%	Mineral Wool Fibers			95%
			Resin Binders	5%			



Chain of Custody

Lab Job # 23B-00190
 Lab Job # 108 PLM
 Lab Job # _____

Please call in advance for immediate, after-hour, & weekend pricing & availability.

ASBESTOS PLM

Bulk Immediate 1 day 2 day 3 day 5 day
 Analyze All Positive Stop

PCM Air (7400)

Immediate 1 day 2 day 3 day 5 day
 Analyze Blanks Yes No

TOTAL DUST(0500/0600)

1 day 2 day

ASBESTOS TEM

Air AHERA Method Late Night* 6 hr 12 hr 24 hr
 Air 7402 (Modified) 1 day 2 day 3 day
 Bulk 1 day 2 day 3 day 5 day
 Water/Wipe/Micro Vac 1 day 2 day 3 day
 Analyze Blanks Yes No

*Late night analysis surcharges apply

MOLD

Direct Exam Immed 1 day 2 day 5 day
 Standard Air Immed 1 day 2 day 5 day
 Expanded Air Immed 1 day 2 day 5 day
 Culture** 10-14 days
 Analyze Blanks Yes No

Turnaround of Culture Samples subject to Culture Growth

BACTERIA**

Colony Counts (CC) 3 day 5 day
 CC + Gram Stain 3 day 5 day
 Coliform & E. coli (P/A) 2-3 day
 Legionella 14 days

OTHER:

Billing Company / City: Terracon / Franklin, WI

of Samples: 108

Submitter's Company: Terracon

Sample Date: 1/5/23

Submitter's Name: Brian Boelkow

Project #: 58217074

Project: 103 E. Ohio Avenue

Phone #: 414 209 7646

Contact Information: Name: _____

Mobile #: _____

E-mail Results to: brian.boelkow@terracon.com

Fax #: _____

Invoice Address: _____

P.O. #: _____

Please review paperwork and samples before submitting to lab. Unsealed / improperly packaged / damaged / expired samples or excessive administrative requests may incur additional fees

Notes: _____

Sample #	Sample Description	Vol. / Area (if applicable)	Location / Notes
1-PIS-1	Black foam like		basement water pipe
1-PIS-2			
1-PIS-3			
2-AWS-4	yellow fiber glass and black paper		insulation on exterior basement wall
2-AWS-5			
2-AWS-6			
3-MA3-7	white crumbly mortar		furnace pipe and chimney intersection
3-MA3-8			
3-MA3-9			
4-CT4-10	2x4 ceiling tile		Basement REC room
4-CT4-11			
4-CT4-12			
5-CT1-13	1x1 ceiling tile		bottom of stairs
5-CT1-14			
5-CT1-15			

Released By:	Date / Time:	Received By: <u>Monica Turner</u>	Date / Time: <u>1/6/23 10AM</u>
Released By:	Date / Time:	Received By:	Date / Time:



Chain of Custody

Lab Job # 28.B-00190
Lab Job #
Lab Job #

Project:

Project #:

Page 2 of 4

Table with 4 columns: Sample #, Sample Description, Vol. / Area (if applicable), Location / Notes. Rows include samples 6-WB2-16 through 16-WBS-47 with descriptions like 'White drywall + tan paper', 'CMU and Mortar', 'Chimney CMU and Mortar', 'window pane glazing', etc.



Chain of Custody

Lab Job # 23B-0090
Lab Job #
Lab Job #

Project:

Project #:

Page 3 of 4

Sample #	Sample Description	Vol. / Area (if applicable)	Location / Notes
16-WBS-48			
17-WBS-49	green painted brown "wood" wains coating with dark brown mastic		Kitchen walls
17-WBS-50			
17-WBS-51			
18-FTS-52	white tile brown paper, and black mastic		Kitchen closet shelf
18-FTS-53			
18-FTS-54			
19-AWS-55	gray fibrous insulation		inside heat duct vents
19-AWS-56			
19-AWS-57			
20-FT2-58	brown 12X12 floor tile with brown mastic		kitchen flooring
20-FT2-59			
20-FT2-60			
21-FTS-61	brown "wood" floor tile and white insulation		living room and bedroom floor
21-FTS-62			
21-FTS-63			
22-FTS-64	gray 18X18 "ceramic" floor tile with clear mastic		Bathroom
22-FTS-65			
22-FTS-66			
23-PMS-67	black tar paper		under hallway floor tile
23-PMS-68			
23-PMS-69			
24-CAS-70	white top caulk		bathroom
24-CAS-71			
24-CAS-72			
25-CAS-73	tan bottom caulk		under white caulking around shower
25-CAS-74			
25-CAS-75			
26-FCI-76	flower designed tile / black		east attic floor
26-FCI-77			
26-FCI-78			
27-FCI-79	Brown tile with dark brown paper		east attic below HA#26



Chain of Custody

Lab Job # 23B-60190
Lab Job #
Lab Job #

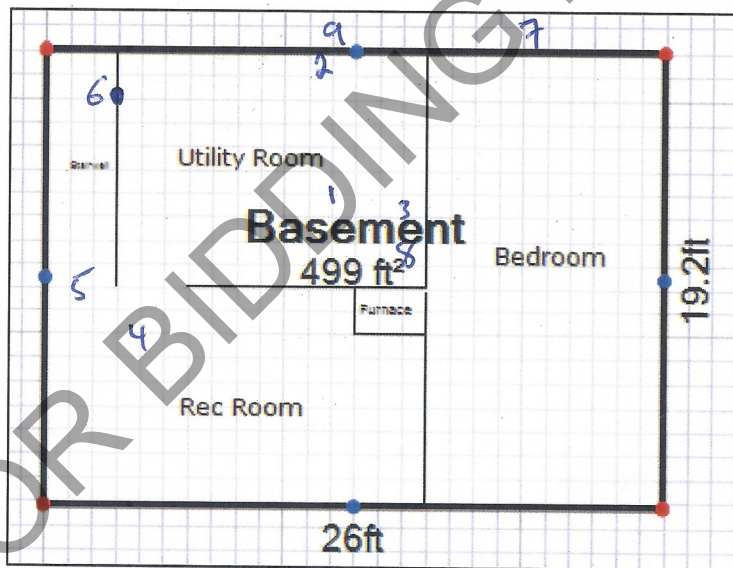
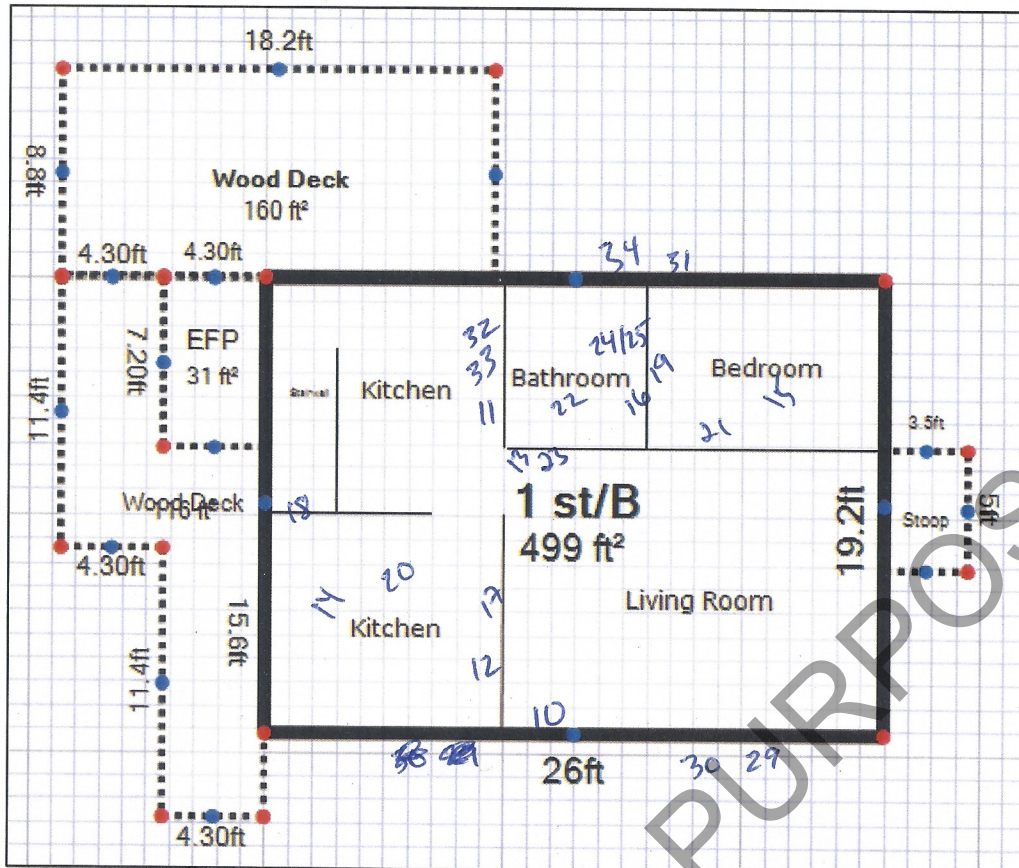
Project:

Project #:

Table with 4 columns: Sample #, Sample Description, Vol. / Area (if applicable), Location / Notes. Contains handwritten entries for samples 27-FC1-80 through 36-MS5-108.

HA Locations

FLOOR PLAN



APPENDIX C

PHOTOGRAPHS

NOT FOR BIDDING PURPOSES



HA #1



HA #2



HA #3



HA #4



HA #5



HA #6



HA #7



HA #8



HA #9



HA #10



HA #11



HA #12



HA #13



HA #14



HA #15



HA #16



HA #17



HA #18



HA #19



HA #20



HA #21



HA #22



HA #23



HA #24



HA #25



HA #26



HA #27



HA #28



HA #29



HA #30



HA #31



HA #32



HA #33



HA #34



HA #35



HA #36

APPENDIX D

**HAZARDOUS/UNIVERSAL WASTE INVENTORY AND LEAD PAINT SAMPLE ANALYSIS SUMMARY
WITH CHAIN OF CUSTODY**

NOT FOR BIDDING PURPOSES

Location/Area Inventoried:

Potential PCB-Containing Items	Quantity	Units
Light Ballasts		
Transformers		
Capacitors		
Caulks (describe)		

Metal-Containing Items	Quantity	Units
Fluorescent Lamps, 4-foot or less		
Fluorescent Lamps, greater than 4-foot		
Compact Fluorescent Lights (CFLs)		
Light-Emitting Diode (LED)		
Large Ceiling Pendant Lights		
Large Exterior Lights	3	
Mercury Switch Thermostats (Electronic Thermostats)		
Manometers		
Fire Alarm Thermostats		
Breaker Panels/ Other Electrical Panels		
Smoke Detectors	4	
Emergency Strobe Lights		
Motion Sensors		
Control Panels		
Computers/Servers		
Monitors - Cathode Ray Tube (CRT)		
Monitors - Flat Panel		
Communication Panels		
Speakers		
Sprinkler System		
Water Heater	1	
Miscellaneous Electronic Items	10	
Natural Gas Furnace	1	
TV Antennae		

Items Containing Batteries	Quantity	Units
Emergency Lighting		
Emergency Exit Signs		
power supplies		
C Batteries		
Alarms		

ODC-Containing Items	Quantity	Units
Air Conditioners/Heat Pumps		
Window Air Conditioners		
Walk-in Coolers		
Water Fountains/Coolers		
Fire Extinguishers		
Refrigerators/Freezers/Vending		
Dehumidifiers		
Halon Fire Suppression Systems		
Other		

Miscellaneous Hazardous/Universal Wastes	Quantity	Units
Air compressor		
Door closers		
Hydraulic Elevators		
Automotive Fluids		
Paint (Non-Aerosol Latex)		
Paint (Aersol)		
Paint Cans (Non-Aerosol Oil)		
Solvents		
Overhead Door Openers		
Major Appliances	1	
Lawn and Garden Chemicals/Fertilizers		
Pesticides/Poisons		
Cleaning Chemicals		
Drums		

NOT FOR BIDDING PURPOSES

XRF LEAD RESULTS

Inspector: PK Project: D110 St Date: 1/5/23
 Project #: 58217074 Location: mil

Sample Location (Room)	Component	Substrate	Color	Condition	Results (mg/cm ²)	Classification Positive/Negative
Calibrite	1.53		orange	-	1.28	
Calibrite				-	1.55	
Calibrite					1.32	
	1.04		red		0.96	
			red		1.01	
			red		0.98	
basement	Wall	CMU	green	poor	0.14	± 0.02
	Window led	concrete	blue	OK	<LOD	
	chimney	CMU	white	OK	<LOD	
	floor	concrete	blue	OK	<LOD	
laundry room	floor	concrete	blue/green	OK	0.68	± 0.1
Calibrite	red 1.04		red		1.03	
	red 1.04		red		1.05	
	2 1.04		red		1.04	

NOT FOR BIDDING PURPOSES

CERTIFICATE OF ANALYSIS

Client: Terracon
9856 South 57th Street
Franklin WI 53132

Report Date: 1/11/2023
Report No.: 675859 - Lead Paint
Project: 103 E Ohio Ave
Project No.: 58217074

Client: TER459

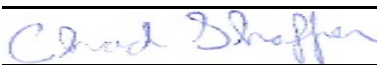
LEAD PAINT SAMPLE ANALYSIS SUMMARY

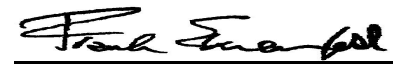
Lab No.: 7549442
Client No.: 1

Description:
Location: Basement Floor - Light Blue Paint

Result (% by Weight): 0.22
Result (ppm): 2200
Comments:

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received: 1/6/2023
Date Analyzed: 01/11/2023
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Terracon
9856 South 57th Street
Franklin WI 53132

Report Date: 1/11/2023
Report No.: 675859 - Lead Paint
Project: 103 E Ohio Ave
Project No.: 58217074

Client: TER459

Appendix to Analytical Report:

Customer Contact:

Method: ASTM D3335-85a, US EPA SW846 3050B:7000B

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com

iATL Office Manager: wchampion@iatl.com

iATL Account Representative: Semih Kocahasan

Sample Login Notes: See Batch Sheet Attached

Sample Matrix: Paint

Exceptions Noted: See Following Pages

General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and in our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

Information Pertinent to this Report:

Analysis by ASTM D3335-85a by AAS

Certification:

- National Lead Laboratory Program (NLLAP): AIHA-LAP, LLC No. 100188

- NYSDOH-ELAP No. 11021

This report meets the standards set forth in the EPA's National Lead Laboratory Accreditation Program (NLLAP) through the Laboratory Quality System Requirements (LQSR) Revision 3.0 November 5, 2007. All Environmental Lead Proficiency Analytical Testing (ELPAT) is through the AIHA-PAT established program.

Regulatory limit is 0.5% lead by weight (EPA/HUD guidelines). Recommend multiple sampling for all samples less than regulatory limit for confirmation. All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.

Method Detection Limit (MDL) per EPA Method 40CFR Part 136 Appendix B.

Reporting Limit (RL) based upon Lowest Standard Determined (LSD) in accordance with AIHA-ELLAP policies.

LSD=0.2 ppm MDL=0.006% by weight. RL= 0.010% by weight (based upon 100 mg sampled).

Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a complete list with highlighted disclaimers pertinent to this project. For a full explanation of these and other disclaimers, please inquire at customerservice@iatl.com.

CERTIFICATE OF ANALYSIS

Client: Terracon
9856 South 57th Street
Franklin WI 53132

Report Date: 1/11/2023
Report No.: 675859 - Lead Paint
Project: 103 E Ohio Ave
Project No.: 58217074

Client: TER459

- * Insufficient sample provided to perform QC reanalysis (<200 mg)
- ** Not enough sample provided to analyze (<50 mg)
- *** Matrix / substrate interference possible.

< less than sign, signifies none-detected below the empirical value based upon sub-sampled mass. This is often below the Reporting Limit (see above).

NOT FOR BIDDING PURPOSES

Chain of Custody

– Environmental Lead –

Contact Information

Client Company: Terracon (TER459)	Project Number: 58217074
Office Address: 9856 S 57th Street	Project Name: 103 E. Ohio Avenue
City, State, Zip: Franklin, WI 53132	Primary Contact: Email - Brian Boelkow
Fax Number: 414-423-0566	Office Phone: 414-423-0255
Email Address: brian.boelkow@terracon.com	Cell Phone:

iATL is accredited by the National Lead Laboratory Accreditation Program (NLLAP) to perform analytical testing of environmental samples for lead (Pb). The accreditation is through AIHA-LAP, LLC and several other nationally recognized state programs.

Matrix/Method:

- Paint by AAS: ASTM D3335-85a, 2009
- Wipe/Dust by AAS: SW 846: 3050B: 700B, 2010
- Air by AAS: NIOSH 7082, 1994
- Soil by AAS: EPA SW 846 (Soil)
- Water by AAS-GF: ASTM D3559-03D, US EPA 200.9
- Other Metals (Cd, Zn, Cr) by AAS
- Toxicity Characteristic Leaching Procedure (TCLP) by AAS: US EPA 1311
- Other _____

Special Instructions:

Turnaround Time

Preliminary Results Requested Date: _____

Specific date / time

10 Day
 5 Day
 3 Day
 2 Day
 1 Day*
 12 Hour**
 6 Hour**
 RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization): Terracon / Brian Boelkow	Date: 1/5/23	Time: 2:45 pm
Received (Name / iATL): _____	Date: _____	Time: _____
Sample Login (Name / iATL): _____	Date: _____	Time: _____
Analysis (Name(s) / iATL): _____	Date: _____	Time: _____
QA/QC Review (Name / iATL): _____	Date: 1/11/23	Time: _____
Archived / Released: _____	QA/QC InterLAB Use: _____	Date: _____

APPENDIX E

LICENSES AND CERTIFICATIONS

NOT FOR BIDDING PURPOSES

Milwaukee Lead/Asbestos Information Center

A Division of Midwest Certified Training, Inc.
3495 North 124th Street, Brookfield, WI 53005 Phone: 414-481-9070



Brian Anthony Boelkow

Has attended and successfully completed a course on February 21-23, 2022 and satisfactorily passed examination with a minimum score of 70 percent, that meets all criteria for the State of Wisconsin Accreditation as an

Asbestos Inspector Initial Course

Date of Course: February 21-23, 2022

Date Of Examination: February 23, 2022

Date of Expiration: February 23, 2023

Certification Number: AII22022163910

Location: Milwaukee Lead/Asbestos Information Center, 3495 North

DCQ Course ID #: 8815

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

Paul Alan Lenaker

5718 N Sunset Ln

Glendale WI 53209-4547

165 lbs

6' 04"

AII-121100

Exp: 06/27/2023

11/08/1974

Training due by: 06/27/2023

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 2060-18-20, Parcel 6; 103 E. Ohio Avenue, Milwaukee, WI 53207

Project/Parcel Number	Option A – Contractor to Pay WisDOT	Option B – Contractor to Receive Payment from WisDOT
2060-18-20 Parcel 6	\$	\$
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)

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 ADDENDA HERE

NOT FOR BIDDING PURPOSES