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
Washburn	1197-00-20	Spooner - Minong Trego Interchange	USH 53

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, $ 20,000.00 Payable to: Wisconsin Department of Transportation	Attach Proposal Guaranty.
Bid submittal due Date: 9/22/2020 Time (local time): 9:00 AM	Firm name, address, city, state, zip
Contract completion time 40 Working Days	
Assigned disadvantaged business enterprise goal **0 %**	This contract is exempt from federal oversight.

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

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

Subscribed and sworn to before me this date _____

(Signature, Notary Public, State of Wisconsin)

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

(Date Commission Expires)

Notary Seal

(Bidder Signature)

(Print or Type Bidder Name)

(Bidder Title)

For Department Use Only

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

PLEASE ATTACH
PROPOSAL GUARANTY HERE

Effective with November 2007 Letting

PROPOSAL REQUIREMENTS AND CONDITIONS

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

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

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

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

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

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

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

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

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

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

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

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

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

PROPOSAL BID BOND

Wisconsin Department of Transportation

DT1303 1/2006

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

Wisconsin Department of Transportation

DT1305 8/2003

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

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

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

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

(Signature of Authorized Contractor Representative) (Date)

March 2010

LIST OF SUBCONTRACTORS

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

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

Name of Subcontractor	Class of Work	Estimated Value

DECEMBER 2000

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

Instructions for Certification

1. By signing and submitting this proposal, the prospective contractor is providing the certification set out below.

2. The inability of a person to provide the certification required below will not necessarily result in denial of participation in this covered transaction. The prospective contractor shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective contractor to furnish a certification or an explanation shall disqualify such person from participation in this transaction.

3. The certification in this clause is a material representation of fact upon which reliance was placed when the department determined to enter into this transaction. If it is later determined that the contractor knowingly rendered an erroneous certification in addition to other remedies available to the Federal Government the department may terminate this transaction for cause or default.

4. The prospective contractor shall provide immediate written notice to the department to whom this proposal is submitted if at any time the prospective contractor learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

5. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of the rules implementing Executive Order 12549. You may contact the department to which this proposal is being submitted for assistance in obtaining a copy of those regulations.

6. The prospective contractor agrees by submitting this proposal that, should this contract be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department entering into this transaction.

7. The prospective contractor further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," which is included as an addendum to PR-1273 - "Required Contract Provisions Federal Aid Construction Contracts," without

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

8. The contractor may rely upon a certification of a prospective subcontractor/materials supplier that it is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A contractor may decide the method and frequency by which it determines the eligibility of its principals. Each contractor may, but is not required to, check the Disapproval List (telephone # 608/266/1631).

9. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a contractor is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

10. Except for transactions authorized under paragraph 6 of these instructions, if a contractor in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department may terminate this transaction for cause or default.

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

(1) The prospective contractor certifies to the best of its knowledge and belief, that it and its principals:

(a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;

(b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property;

(c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offense enumerated in paragraph (1)(b) of this certification; and

(d) Have not within a three-year period preceding this proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

(2) Where the prospective contractor is unable to certify to any of the statements in this certification, such prospective contractor shall attach an explanation to this proposal.

Special Provisions

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SPECIAL PROVISIONS

1. General.

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

Project ID 1197-00-20, – Spooner to Minong: Town of Trego, Washburn 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 2020 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 2020 Edition is available for browsing, download, or to place an order for a hard copy at:

http://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rsrces/rdwy/stndspec.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:

Project	**Parcel**	**Type of Building**	**Address**
1197-00-20	8	Seven outbuildings of various sizes. The largest (5,712 SF) is a pole building featuring three bay doors, furnace, air compressor, and electrical box. A second building is a barn (1,024 square feet) with an upper and lower level. The remaining buildings are small and vary in size. Possibility for the need to remove abandoned cars/tires. There are 1-2 wells on premise that will need to be abandoned/removed. This parcel is priority and it is requested that these buildings be removed first.	W5737 County Highway E, Trego, WI
1197-00-20	11	A double pole illuminated pylon sign with a double-faced aluminum cabinet.	W5734 CTH E, Trego, WI
1197-00-20	29	Three buildings including a single-family residential home (952 SF) with a full basement and two small decks, a two-stall detached car garage and a one stall detached car garage. Septic	N7266 Service Road, Trego, WI

		and well will need to be removed.	
1197-00-20	35	A one-story ranch home (1,312 SF) w/a partial basement/crawl space, deck, patio, and fenced garden. Well and septic to be removed.	W5618 Oak Hill Road, Trego, WI
1197-00-20	39	A one-story walkout ranch (1,432 SF) with a two-stall detached car garage, large deck, patio, shed and two garden ponds. Other improvements include a outdoor woodstove and large wood storage structure and fence. Well and septic to be removed.	W5555 Highway 63, Trego, WI

Perform the following:

1. Remove the structures and septic tank (Excluding the septic tank from parcel 8) 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. 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), and mulch (conforming to standard spec 627) 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, Northwest Region, Attn: Megan Beer-Pemberton c/o CORRE, Inc., 1802 Warden Street, Eau Claire, WI 54703, Phone 608-826-6292, 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. Asbestos Removal.

EITHER: An asbestos inspection has been completed for the buildings to be demolished. Copies of the inspection reports can be obtained from: Wisconsin Department of Transportation, Northwest Region, Attn: Megan Beer-Pemberton c/o CORRE, Inc., 1802 Warden Street, Eau Claire, WI 54703, Phone 608-826-6292.

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: Wisconsin Department of Transportation, Northwest Region, Attn: Megan Beer-Pemberton c/o CORRE, Inc., 1802 Warden Street, Eau Claire, WI 54703, Phone 608-826-629. Or via email: mbpemberton@correinc.com.

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

14. Notice to Department of Natural Resources.

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 Wisconsin Department of Transportation, Northwest Region, Attn: Megan Beer-Pemberton c/o CORRE, Inc., 1802 Warden Street, Eau Claire, WI 54703, Phone 608-826-6292. Or via email: mbpemberton@correinc.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: Wisconsin Department of Transportation, Northwest Region, Attn: Megan Beer-Pemberton c/o CORRE, Inc., 1802 Warden Street, Eau Claire, WI 54703, Phone 608-826-6292. Or via email: mbpemberton@correinc.com.

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: Wisconsin Department of Transportation, Northwest Region, Attn: Megan Beer-Pemberton c/o CORRE, Inc., 1802 Warden Street, Eau Claire, WI 54703, Phone 608-826-6292. Or via email: mbpemberton@correinc.com.

15. Disposal of Materials.

Add the following to standard spec 104.8:

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

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

Unless otherwise noted, 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://wisconsindot.gov/rdwy/fdm/fd-21-35.pdf#fd21-35-35 Contact information for the hazardous waste disposal vendor is found here: https://wisconsindot.gov/Documents/doing-bus/eng-consultants/cnslt-rsrces/environment/hazwaste-contacts.pdf

16. Custody of the Building.

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

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

17. Removing Buildings.

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

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

The department has no knowledge regarding the condition of the structure(s) or their related components. The department cannot and does not warrant the condition of the

structure(s) or their components, nor does the department warrant, guarantee, or imply the suitability of the structure(s) for moving.

18. Removal and Razing Operations.

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

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

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

In compliance with the ordinances and permit requirements of the municipality in which the buildings are situated, and in the presence of the local governing unit, a certified/licensed well driller, pump installer or water system operator shall seal or abandon all sewer and water lines and/or wells pursuant to Wisconsin Statute §280.30 and the Natural Resources portion of the Wisconsin Administrative Code covered under NR 811 and 812 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://wisconsindot.gov/rdwy/fdm/fd-21-35.pdf#fd21-35-35 Contact information for the hazardous waste disposal vendor is found here: https://wisconsindot.gov/Documents/doing-bus/eng-consultants/cnslt-rsrces/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.

19. Backfill.

Prior to any backfill operations, notify the regional office of the Department of Transportation to inspect all exposed areas resulting from the razing and removal operations. Contact Wisconsin Department of Transportation, Northwest Region, Attn: Megan Beer-Pemberton c/o CORRE, Inc., 1802 Warden Street, Eau Claire, WI 54703, Phone 608-826-6292. Or via email: mbpemberton@correinc.com for this inspection.

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

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

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

20. Fencing.

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

ADDITIONAL SPECIAL PROVISION 4

Payment to First-Tier Subcontractors

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

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

Payment to Lower-Tier Subcontractors

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

Release of Routine Retainage

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

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

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

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

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

Make the following revisions to the standard specifications:

104.3 Contractor Notification

Replace the entire text with the following effective with the December 2019 letting:

104.3.1 General

(1) Subsection 104.3 specifies the step-by-step communication process to be followed to expedite the resolution of potential contract revisions identified by the contractor. Both contractor actions and department responses are outlined. The contractor's non-compliance with the requirements of 104.3 may constitute a waiver of entitlement to a pay adjustment under 109.4 or a time extension under 108.10. The department and contractor can mutually agree to extend any time frame specified throughout 104.3.

104.3.2 Contractor Initial Oral Notification

(1) If required by 104.2, or if the contractor believes that the department's action, the department's lack of action, or some other situation results in or necessitates a contract revision, the contractor must promptly provide oral notification to the project engineer. Upon notification, the project engineer will attempt to resolve the identified issue.

104.3.3 Contractor 5-Day Written Statement

(1) If the project engineer has not responded or resolved the identified issue within 5 business days after receipt of initial notification, provide a contractor written statement to the project engineer in the following format:

Part 1 - Executive Summary *(label page 1.1 through page 1.x)*

Include a detailed, factual statement of the request for additional compensation and contract time. Include the date the issue was identified, the date initial notification was given to the project engineer, and the dates and specific locations of work involved.

Part 2 - Contractor's Basis of Entitlement *(label page 2.1 through page 2.x)*

Include references to relevant contract provisions and a narrative summarizing how the contract provisions support the request for a revision to the original contract.

Part 3 - Contractor's Request for Damages *(label page 3.1 through page 3.x)*

When requesting additional compensation, include an itemized list of costs with a narrative supporting the requested amount and explaining how the costs are tied to the requested contract revision.

When requesting additional contract time, include a copy of the schedule that was in effect when the issue occurred and a detailed narrative explaining how the issue impacted controlling items of work. Provide a time impact analysis utilizing base and updated schedules.

If the full extent of either compensation or time is not known at the date of submittal of the contractor 5-Day written statement, provide a brief statement as to why, and include estimated compensation and time.

Part 4 - Supporting Documentation *(label page 4.1 through page 4.x)*

Include copies of the following:

A. Relevant excerpts from specifications, special provisions, plans, change orders, or other contract documents.

B. Communication on the issue, including: letters, e-mails, meeting minutes, etc.

C. Any other documentation to support or clarify the contractor's position, including: daily work records, cost summary sheets, weigh tickets, test results, sketches, etc.

(2) With the submittal of the written statement, the contractor may also request a meeting with the region.

104.3.4 Region One-Day Written Acknowledgment

(1) Within one business day after the contractor provides the 5-day written statement, the project engineer will provide a region one-day written acknowledgment to the contractor. The project engineer will continue to resolve the issue.

104.3.5 Region 5-Day Written Response

(1) Within 5 business days after receiving the contractor 5-day written statement, the project engineer may request specific additional information to allow the project engineer to decide whether item 1 or 2 of 104.3.6(1) applies. The project engineer will state the information needed and date it is to be

received for further review. Submit additional information as an amendment to the contractor 5-day written statement.

104.3.6 Region Final Decision

(1) Within 10 business days after receiving the contractor 5-day written statement or additional information requested in 104.3.5(1), whichever comes last, the region will consider all information and provide a region final decision in writing to the contractor with one or more of the following responses:

1. The region will confirm that the contractor is entitled to a contract revision and a contract change order is necessary as specified in 104.2. The project engineer will give direction concerning the potential change.
2. The region will deny that the contractor is entitled to a contract revision. The project engineer will provide a statement as to why the issue is not a change to the contract. At a minimum, the project engineer will respond to the contractor's issues and refer to the contract to show why the issues are not a change from the original contract.

(2) If the contractor does not agree with the region's decision the contractor may pursue the issue as a claim as specified in 105.13. Alternatively, if the contractor and department mutually agree, the department will get a third-party advisory opinion according to the department's dispute resolution procedures.

(3) If a third party reviews the issue, their recommendation is not binding on either party. The region has 10 business days after receipt of the third party's written recommendation to render a decision. If the department fails to respond in writing within those 10 business days or the contractor disagrees with the region's decision, the contractor may pursue the issue as a claim as specified in 105.13.

104.6.1.2.1 General

Replace paragraph one with the following effective with the December 2019 letting:

(1) Conduct construction operations and provide facilities required to maintain the portion of the project open to the public in a condition that safely and adequately accommodates public traffic. Use barricades, signs, flaggers, and temporary barrier as specified in part VI, of the WMUTCD and ensure that the contractor's use of the right-of-way conforms to 107.9. Throughout the life of the contract, and as the engineer directs, conduct construction operations and provide facilities as follows:

- Conduct flagging operations conforming to plan details and the department's flagging handbook.
- Use drums, barricades, and temporary barrier to delineate and shield abrupt drop-offs and other hazards.
- Furnish, erect, and maintain traffic control devices and facilities conforming to 643.
- Furnish, erect, and maintain temporary pedestrian devices and facilities conforming to 644.

104.6.1.2.2 Flagging

Replace paragraph three with the following effective with the December 2019 letting:

(3) Provide associated advanced warning signs that meet the retroreflective requirements of 637.2.2.2. Provide temporary portable rumble strips from the department's APL installed according to manufacturer's instructions and as specified in the flagging plan details. Provide guidance service through the worksite using pilot vehicles if required.

Replace paragraph five with the following effective with the December 2019 letting:

(5) Flagging is incidental to the contract and includes costs for advance signing, temporary portable rumble strips, and pilot vehicle guidance service.

104.8 Rights in the Use of Materials Found on the Project

Replace paragraph two with the following effective with the December 2019 letting:

(2) Do not excavate or remove material from within the right-of-way that is not within the vertical and horizontal excavation limits the plans show except as follows:

- If the contract does not identify potential source areas, obtain written authorization from the engineer to use those sources. Complete required environmental documentation and obtain necessary permits. The department will reduce pay by $1.50 per cubic yard under the Material from Right-of-Way administrative item for material obtained from those areas.
- If the contract identifies potential source areas that were evaluated and permitted in the original environmental document, do not begin excavating in those areas until the engineer allows in writing. Additional environmental documentation and environmental permits are not required. The department will not reduce pay for material obtained from those areas.

The department may suspend use of these sources if the contractor's operation affects the essential functions or characteristics of the project.

104.10.1 General

Replace paragraph one with the following effective with the December 2019 letting:

(1) Subsection 104.10 specifies a 2-step process for contractors to follow in submitting a cost reduction incentive (CRI) for modifying the contract in order to reduce direct construction costs computed at contract bid prices. The initial submittal is referred to as a CRI concept and the second submittal is a CRI proposal. The contractor and the department will equally share all savings generated to the contract due to a CRI as specified in 104.10.4.2(1). The department encourages the contractor to submit CRI concepts for the following situations:

1. The contractor generates the original cost savings idea and formulates it into a concept.
2. The department generates the original cost savings idea and obtains the contractor's assistance to formulate the idea into a concept.

Replace paragraph five with the following effective with the December 2019 letting:

(5) The department will consider a CRI that changes but does not impair the essential functions or characteristics of the project. These functions or characteristics include, but are not limited to, appearance, service life, economy of operations, ease of maintenance, design, and safety of structures and pavements, construction phasing or procedures, or other contract requirements. The department will not consider a CRI that changes the following:

- Permanent pavement type.
- Permanent structural cross section above the subgrade.

104.10.2 Submittal and Review of a CRI Concept

Replace paragraphs five and six with the following effective with the December 2019 letting:

(5) The department may consider a CRI concept that addresses a potential change under 104.2.

(6) The department will not implement a contractor-initiated CRI concept, or portion of that concept, without sharing the cost savings with the contractor as specified in 104.10.4.2.

(7) The savings generated by the CRI must be sufficient to warrant its review and processing and offset the level of risk. The department will assess the risk of the CRI relative to departmental design policies and criteria for the project. The department may reject a CRI concept for the following reasons:

1. It requires excessive time or costs for the contractor to develop the CRI proposal.
2. It requires excessive time or costs for review, evaluation, investigation, or implementation.
3. It introduces an inappropriate level of risk.

104.10.4.2 Payment for the CRI Work

Replace paragraph one with the following effective with the December 2019 letting:

(1) The department will pay for completed CRI work as specified for progress payments under 109.6. The department will pay for CRI's under the Cost Reduction Incentive administrative item. When all CRI costs are determined, the department will execute a contract change order that does the following:

1. Adjusts the contract time, interim completion dates, or both.
2. Pays the contractor for the unpaid balance of the CRI work.
3. Pays the contractor 50 percent of the net savings resulting from the CRI, calculated as follows:

NS = CW - CRW - CC - DC

Where:

NS = Net Savings

CW = The cost of the work required by the original contract that is revised by the CRI. CW is computed at contract bid prices if applicable.

CRW = The cost of the revised work, computed at contract bid prices if applicable.

CC = The contractor's cost of developing the CRI proposal.

DC = The department's cost for investigating, evaluating, and implementing the CRI proposal.

105.13 Claims Process for Unresolved Changes

Replace the entire text with the following effective with the December 2019 letting:

105.13.1 General

(1) Before submitting a claim, the department and contractor can mutually agree to have the department get a third-party advisory opinion as specified in 104.3.6.

(2) The department and contractor can mutually agree to extend any time frame specified throughout 105.13 and can mutually agree to utilize an alternative dispute resolution method at any point before the department renders its final decision.

(3) The department and contractor share costs related to referral to a dispute review board (DRB) as prescribed in the department's dispute resolution procedures.

105.13.2 Notice of Claim

(1) If the contractor has followed the procedures for revising the contract specified in 104.2 and provided the notification specified in 104.3, but still disagrees with the region, the contractor may pursue the issue as a claim. File a notice of claim with the project engineer concerning the disagreement within 14 calendar days of receiving the region's decision under 104.3.6(1).

(2) The project engineer may deny the applicable portion of a claim if the contractor does not do the following:

1. File the notice of claim within 14 calendar days as specified in 105.13.2(1).
2. Give the project engineer sufficient access to keep a record of the actual labor, materials, and equipment used to perform the claimed work.

(3) Upon filing the notice of claim, maintain records as specified for force account statements in 109.4.5. Unless the project engineer issues a suspension, continue to perform the disputed work. The department will continue to make progress payments to the contractor as specified in 109.6.

105.13.3 Submission of Claim

(1) Submit the claim to the project engineer as promptly as possible following the submission of the Notice of Claim, but not later than the end of the time allowed under 109.7 for the contractor to respond in writing to the engineer-issued semi-final estimate. If the contractor does not submit the claim within that response time, the department will deny the claim.

(2) The department will not accept the submission of a claim until the resolution process in 104.3 has been completed and the contractor makes no further requests to submit updated information that may affect the region's final decision.

105.13.4 Content of Claim

(1) The final contractor written statement under 104.3.3 is considered the content of the claim. If the contractor makes a request to submit updated information that may affect the region's final decision under 104.3.6, submit the updated information as an amendment to the contractor written statement and continue the resolution process in 104.3 before submitting a claim.

(2) The department may refer the claimant of a false claim to the appropriate authority for criminal prosecution. Certify the claim using the following form:

The undersigned is duly authorized to certify this claim on behalf of (the contractor).

(The contractor) certifies that this claim is made in good faith, that the supporting data are accurate and complete to the best of (the contractor's) knowledge and belief, and that the amount requested accurately reflects the contract adjustment for which (the contractor) believes that the department is liable.

(THE CONTRACTOR)

By:_____
(Name and Title)

Date of Execution:_____

105.13.5 Department Final Decision

(1) The department will have up to 28 calendar days, from the contractor's submission of the claim, to perform a final review of the claim and conduct all meetings. The department may request, in writing, that the contractor submit additional information related to the claim. Submit that additional information, or notify the department in writing to base its decision on the information previously submitted. Either the contractor or region may request a meeting to present their views. Before the meeting, both parties will agree upon written ground rules for the meeting.

(2) Upon completion of the 28 calendar days for the department's review and meetings, the department will have up to 21 calendar days to render a written decision. The department will consider written and oral submissions from the contractor and region, and may consider other relevant information in the project records.

(3) The department will provide the following in its final decision:

1. A concise description of the claim.
2. A clear, contractual basis for its decision that includes a reference to 104.2 on revisions to the contract and as appropriate, specific reference to language regarding the bid items in question.
3. Other facts the department relies on to support its decision.
4. A concise statement of the circumstances surrounding the claim and reasons for its decision. If the department rejects the claim in whole or in part, the department will explain why the claimed work is not a change to the contract work.
5. The amount of money or other relief, if any, the department will grant the contractor.

(4) If the contractor disagrees with the department's final decision, the contractor may initiate a legal action pursuant to state statutes.

106.3.4.2.2.2 Freeze-Thaw Soundness

Replace paragraph one with the following effective with the December 2019 letting:

(1) Perform freeze-thaw soundness testing according to AASHTO T103 as modified in CMM 8-60.2. Provide freeze/thaw soundness test results based on the fraction retained on the No. 4 sieve as follows:

1. Using virgin crushed stone aggregates produced from limestone/dolomite sources in one or more of the following counties or from out of state:

Brown	Columbia	Crawford	Dane	Dodge
Fond du Lac	Grant	Green	Green Lake	Iowa
Jefferson	Lafayette	Marinette	Oconto	Outagamie
Rock	Shawano	Walworth	Winnebago	

2. Using gravel aggregates produced from pit sources in one or more of the following counties or from out of state:

Dodge	Washington	Waukesha

108.10.3 Excusable Compensable Delays

Replace paragraph two with the following effective with the June 2020 letting:

(2) The following are compensable delays:

1. A contract change for revised work as specified for extra work under 104.2.2.1, for a differing site condition under 104.2.2.2, or for significant changes in the character of the work under 104.2.2.4.
2. A contract change for an engineer-ordered suspension under 104.2.2.3.
3. The unexpected discovery of human remains, an archaeological find, or historical find consistent with 107.25.
4. The unexpected discovery of a hazardous substance consistent with 107.24.
5. The non-completion of work that utilities or other third parties perform, if the contract specifies a number of days or a completion date for that utility or third-party work. For delays covered under Trans 220 of the Wisconsin administrative code, the engineer will grant a time extension, but the contractor must seek recovery of delay costs from the utility.

208.5 Payment

Replace paragraph three with the following effective with the December 2019 letting:

(3) The department will adjust pay for material obtained from within the project right-of-way limits but outside project excavation limits, furnished under 208.2.2, as specified in 104.8.

301.2.3 Sampling and Testing

Replace paragraph one with the following effective with the December 2019 letting:

(1) Department and contractor testing shall conform to the following:

Sampling[1]	AASHTO T2
Percent passing the 200 sieve	AASHTO T11
Gradation[1]	AASHTO T27
Gradation of extracted aggregate	AASHTO T30
Moisture content[1]	AASHTO T255
Liquid limit	AASHTO T89
Plasticity index	AASHTO T90
Wear	AASHTO T96
Sodium sulfate soundness (R-4, 5 cycles)	AASHTO T104
Freeze/thaw soundness[1]	AASHTO T103
Lightweight Pieces in Aggregate	AASHTO T113
Fracture	ASTM D5821 as modified in CMM 8-60
Moisture/density[1]	AASHTO T99 and AASHTO T180
In-place density[1]	AASHTO T191
Asphaltic material extraction	CMM 8-36 WisDOT Test Method 1560

[1] As modified in CMM 8-60.

301.2.4.5 Aggregate Base Physical Properties

Replace paragraph one with the following effective with the December 2019 letting:

(1) Furnish aggregates conforming to the following:

TABLE 301-2 AGGREGATE BASE PHYSICAL PROPERTIES

PROPERTY	CRUSHED STONE	CRUSHED GRAVEL	CRUSHED CONCRETE	RECLAIMED ASPHALT	REPROCESSED MATERIAL	BLENDED MATERIAL
Gradation AASHTO T27						
dense	305.2.2.1	305.2.2.1	305.2.2.1	305.2.2.2	305.2.2.1	305.2.2.1[1]
open-graded	310.2	310.2	not allowed	not allowed	not allowed	not allowed
Wear AASHTO T96 loss by weight	<=50%	<=50%	note[2]	___	note[2]	note[3]
Sodium sulfate soundness AASHTO T104 loss by weight						
dense	<=18%	<=18%	___	___	___	note[3]
open-graded	<=12%	<=12%	not allowed	not allowed	not allowed	not allowed
Freeze/thaw soundness AASHTO T103[6] loss by weight						
dense	<=18%	<=18%	note[2]	___	___	note[3]
open-graded	<=18%	<=18%	not allowed	not allowed	not allowed	not allowed
Liquid limit AASHTO T89	<=25	<=25	<=25	___	___	note[3]
Plasticity AASHTO T90	<=6[4]	<=6[4]	<=6[4]	___	___	note[3]
Fracture ASTM D5821[6] min one face by count						
dense	58%	58%	58%	___	note[5]	note[3]
open-graded	90%	90%	not allowed	not allowed	not allowed	not allowed

[1] The final aggregate blend must conform to the specified gradation.

[2] No requirement for material taken from within the project limits. For material supplied from a source outside the project limits:

- LA wear maximum of 50 percent loss, by weight.
- Freeze thaw maximum of 42 percent loss, by weight.

[3] Required as specified for the individual component materials defined in columns 2 - 6 of the table before blending.

[4] For base placed between old and new pavements, use crushed stone, crushed gravel, or crushed concrete with a plasticity index of 3 or less.

[5] >=75 percent by count of non-asphalt coated particles.

[6] as modified in CMM 8-60.

450.2.2 Aggregate Sampling and Testing

Replace paragraph one with the following effective with the December 2019 letting:

(1) The department and the contractor will sample and test according to the following methods, except as revised with the engineer's approval:

Sampling aggregates	AASHTO T2
Material finer than No. 200 sieve	AASHTO T11
Sieve analysis of aggregates	AASHTO T27
Mechanical analysis of extracted aggregate	AASHTO T30
Sieve analysis of mineral filler	AASHTO T37
Los Angeles abrasion of coarse aggregate	AASHTO T96
Freeze-thaw soundness of coarse aggregate[1]	AASHTO T103
Sodium sulfate soundness of aggregates (R-4, 5 cycles)	AASHTO T104
Extraction of bitumen	AASHTO T164

[1] As modified in CMM 8-60.2.

450.3.2.6.3 Compaction Roller Pattern Determined by Growth Curve

Add 450.3.2.6.3 as a new subsection effective with the December 2019 letting:

450.3.2.6.3 Compaction Roller Pattern Determined by Growth Curve

(1) When specified in 460.3.3.1, compact asphaltic mixture using the roller pattern established during construction of a control strip. Use 2 or more rollers per paver if placing more than 165 tons per hour.

(2) On the first day of production, construct a control strip under the direct observation of department personnel. After compacting the control strip with a minimum of 3 passes, mark the gauge outline and take a one-minute wet density measurement using a nuclear density gauge in back scatter mode at a single location. Take a density measurement at the same location after each subsequent pass. Continue compacting and testing until the increase in density is less than 1 pcf for 3 consecutive passes. Submit the final roller pattern to the engineer in writing. Once the roller pattern is established do not change the pattern or decrease the number, type, or weight of rollers without the engineer's written approval.

(3) After establishing the roller pattern, and under the direct observation of the engineer, cut at least one 4-inch diameter or larger core from the control strip density gauge outline. Prepare cores and determine density according to AASHTO T166. Dry cores after testing. Fill core holes and obtain engineer approval before opening to traffic. The department will maintain custody of cores throughout the entire sampling and testing process. The department will label cores, transport cores to testing facilities, witness testing, store dried cores, and provide subsequent verification testing.

450.3.2.8 Jointing

Replace paragraph three with the following effective with the December 2019 letting:

(3) Construct notched wedge longitudinal joints for mainline paving of HMA layers 1.75 inches or greater. Extend the wedge beyond the normal lane width as the plans show or as the engineer directs.

Replace paragraph five with the following effective with the December 2019 letting:

(5) Construct the wedge for each layer using an engineer-approved strike-off device that will provide a uniform slope and will not restrict the main screed. Shape and compact the wedge with a weighted steel side roller wheel or vibratory plate compactor the same width as the wedge. Apply a tack coat to the wedge surface and both notches before placing the adjacent lane.

(6) Clean longitudinal and transverse joints coated with dust and, if necessary, paint with hot asphaltic material, a cutback, or emulsified asphalt to ensure a tightly bonded, sealed joint.

455.2.5 Tack Coat

Replace paragraph one with the following effective with the December 2019 letting:

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

460.2.2.3 Aggregate Gradation Master Range

Replace paragraph one with the following effective with the December 2019 letting:

(1) Ensure that the aggregate blend, including recycled material and mineral filler, conforms to the gradation requirements in table 460-1. The values listed are design limits; production values may exceed those limits.

TABLE 460-1 AGGREGATE GRADATION MASTER RANGE AND VMA REQUIREMENTS

SIEVE	PERCENT PASSING DESIGNATED SIEVES							
	NOMINAL SIZE							
	No. 1 (37.5 mm)	No. 2 (25.0 mm)	No.3 (19.0 mm)	No. 4 (12.5 mm)	No. 5 (9.5 mm)	No. 6 (4.75 mm)	SMA No. 4 (12.5 mm)	SMA No. 5 (9.5 mm)
50.0-mm	100							
37.5-mm	90 - 100	100						
25.0-mm	90 max	90 - 100	100					
19.0-mm	___	90 max	90 - 100	100			100	
12.5-mm	___	___	90 max	90 - 100	100		90 - 97	100
9.5-mm	___	___	___	90 max	90 - 100	100	58 - 80	90 - 100
4.75-mm	___	___	___	___	90 max	90 - 100	25 - 35	35 - 45
2.36-mm	15 - 41	19 - 45	23 - 49	28 - 58	32 - 67	90 max	15 - 25	18 - 28
1.18-mm	___	___	___	___	___	30 - 55	___	___
0.60-mm	___	___	___	___	___	___	18 max	18 max
0.075-mm	0 - 6.0	1.0 - 7.0	2.0 - 8.0	2.0 - 10.0	2.0 - 10.0	6.0 - 13.0	8.0 - 11.0	8.0 - 12.0
% VMA	11.0 min	12.0 min	13.0 min	14.0 min[1]	15.0 min[2]	16.0 - 17.5	16.0 min	17.0 min

[1] 14.5 for LT and MT mixes.

[2] 15.5 for LT and MT mixes.

460.2.7 HMA Mixture Design

Replace paragraph one with the following effective with the December 2019 letting:

(1) For each HMA mixture type used under the contract, develop and submit an asphaltic mixture design according to CMM 8-66 and conforming to the requirements of table 460-1 and table 460-2. Ensure that SMA mixture designs adhere to AASHTO R 46 and AASHTO M 325 in addition to the required test procedures outlined in CMM 8-66 table 1 and CMM 8-66 table 2. Determine the specific gravity of fines or super fines used as a mineral filler or additional stabilizer in SMA designs according to AASHTO T 100. The values listed are design limits; production values may exceed those limits. The department will review mixture designs and report the results of that review to the designer according to CMM 8-66.

TABLE 460-2 MIXTURE REQUIREMENTS

Mixture type	LT	MT	HT	SMA
LA Wear (AASHTO T96)				
100 revolutions(max % loss)	13	13	13	13
500 revolutions(max % loss)	50	45	45	35
Soundness (AASHTO T104) (sodium sulfate, max % loss)	12	12	12	12
Freeze/Thaw (AASHTO T103 as modified in CMM 8-60.2) (specified counties, max % loss)	18	18	18	18
Fractured Faces (ASTM D5821 as modified in CMM 860) (one face/2 face, % by count)	65/___	75 / 60	98 / 90	100/90
Flat & Elongated (ASTM D4791) (max %, by weight)	5 (5:1 ratio)	5 (5:1 ratio)	5 (5:1 ratio)	20 (3:1 ratio)
Fine Aggregate Angularity (AASHTO T304, method A, min)	40[1]	43[1]	45	45
Sand Equivalency (AASHTO T176, min)	40	40[2]	45	50
Clay Lumps and Friable Particle in Aggregate (AASHTO T112)	<= 1%	<= 1%	<= 1%	<= 1%
Plasticity Index of Material Added to Mix Design as Mineral Filler (AASHTO T89/90)	<= 4	<= 4	<= 4	<= 4
Gyratory Compaction				
Gyrations for Nini	6	7	8	7
Gyrations for Ndes	40	75	100	65
Gyrations for Nmax	60	115	160	100
Air Voids, %Va (%Gmm Ndes)	4.0 (96.0)	4.0 (96.0)	4.0 (96.0)	4.5 (95.5)
% Gmm Nini	<= 91.5[3]	<= 89.0[3]	<= 89.0	___
% Gmm Nmax	<= 98.0	<= 98.0	<= 98.0	<= 98.0
Dust to Binder Ratio[4] (% passing 0.075/Pbe)	0.6 - 1.2[5]	0.6 - 1.2[5]	0.6 - 1.2[5]	1.2 - 2.0
Voids filled with Binder (VFB or VFA, %)	68 - 80[6] [8]	65 - 75[6] [7] [9]	65 - 75[6] [7] [9]	70 - 80
Tensile Strength Ratio (TSR) (AASHTO T283)[10] [11]				
no antistripping additive	0.75 min	0.75 min	0.75 min	0.80 min
with antistripping additive	0.80 min	0.80 min	0.80 min	0.80 min
Draindown (AASHTO T305) (%)	___	___	___	<= 0.30
Minimum Effective Asphalt Content, Pbe (%)	___	___	___	5.5

[1] For No 6 (4.75 mm) nominal maximum size mixes, the specified fine aggregate angularity is 43 for LT and 45 MT mixes.

[2] For No 6 (4.75 mm) nominal maximum size mixes, the specified sand equivalency is 43 for MT mixes.

[3] The percent maximum density at initial compaction is only a guideline.

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

[5] For No 6 (4.75 mm) nominal maximum size mixes, the specified dust to binder ratio limits are 1.0 - 2.0 for LT mixes and 1.5 - 2.0 for MT and HT mixes.

[6] For No. 6 (4.75mm) nominal maximum size mixes, the specified VFB is 67 - 79 percent for LT mixes and 66 - 77 percent for MT and HT mixes.

[7] For No. 5 (9.5mm) and No. 4 (12.5 mm) nominal maximum size mixtures, the specified VFB range is 70 - 76 percent.

[8] For No. 2 (25.0mm) nominal maximum size mixes, the specified VFB lower limit is 67 percent.

[9] For No. 1 (37.5mm) nominal maximum size mixes, the specified VFB lower limit is 67 percent.

[10] WisDOT eliminates freeze-thaw conditioning cycles from the TSR test procedure.

[11] Run TSR at asphalt content corresponding to 3.0% air void regressed design, or 4.5% air void design for SMA, using distilled water for testing.

460.2.8.2.1.3.1 Contracts with 5000 Tons of Mixture or Greater

Replace paragraph four with the following effective with the December 2019 letting:

(4) Use the test methods identified below, or other methods the engineer approves, to perform the following tests at the frequency indicated:

Blended aggregate gradations:

Drum plants:

- Field extraction by ignition oven according to AASHTO T308 as modified in CMM 8-36.6.3.6, chemical extraction according to AASHTO T-164 method A or B; or automated extraction according to ASTM D8159 as modified in CMM 8-36.6.3.1. Gradation of resulting aggregate sample determined according to AASHTO T30.
- Belt samples, optional for virgin mixtures, obtained from stopped belt or from the belt discharge using an engineer-approved sampling device and performed according to AASHTO T11 and T27.

Batch plants:

- Field extraction by ignition oven according to AASHTO T308 as modified in CMM 8-36.6.3.6, chemical extraction according to AASHTO T-164 method A or B; or automated extraction according to ASTM D8159 as modified in CMM 8-36.6.3.1. Gradation of resulting aggregate sample determined according to AASHTO T30.

Asphalt content (AC) in percent:

AC by ignition oven according to AASHTO T308 (CMM 8-36.6.3.6), by chemical extraction according to AASHTO T-164 method A or B; or by automated extraction according to ASTM D8159 as modified in CMM 8-36.6.3.1. Gradation of resulting aggregate sample determined according to AASHTO T30.

Bulk specific gravity of the compacted mixture according to AASHTO T166.

Maximum specific gravity according to AASHTO T209.

Air voids (Va) by calculation according to AASHTO T269.

VMA by calculation according to AASHTO R35.

460.2.8.2.1.4.2 Control Charts

Replace paragraph one with the following effective with the December 2019 letting:

(1) Maintain standardized control charts at the laboratory. Record contractor test results on the charts the same day as testing. Record data on the standardized control charts as follows:

- Blended aggregate gradation tests in percent passing. Of the following, plot sieves required in table 460-1: 37.5-mm, 25.0-mm, 19.0-mm, 12.5-mm, 9.5-mm, 4.75-mm, 2.36-mm, 1.18-mm, 0.60-mm, and 0.075-mm.
- Asphalt material content in percent.
- Air voids in percent.
- VMA in percent.

(2) Plot both the individual test point and the running average of the last 4 data points on each chart. Show QC data in black with the running average in red. Draw the warning limits with a dashed green line and the JMF limits with a dashed red line. The contractor may use computer generated black-and-white printouts with a legend that clearly identifies the specified color-coded components.

460.2.8.2.1.5 Control Limits

Replace paragraph one with the following effective with the December 2019 letting:

(1) Conform to the following control limits for the JMF and warning limits based on a running average of the last 4 data points:

ITEM	JMF LIMITS	WARNING LIMITS
Percent passing given sieve:		
37.5-mm	+/- 6.0	+/- 4.5
25.0-mm	+/- 6.0	+/- 4.5
19.0-mm	+/- 5.5	+/- 4.0
12.5-mm	+/- 5.5	+/- 4.0
9.5-mm	+/- 5.5	+/- 4.0
4.75-mm	+/- 5.0	+/- 4.0
2.36-mm	+/- 5.0	+/- 4.0
1.18-mm	+/- 4.0	+/- 3.0
0.60-mm	+/- 4.0	+/- 3.0
0.075-mm	+/- 2.0	+/- 1.5
Asphaltic content in percent	- 0.3	- 0.2
Air voids in percent[1]	+1.3/-1.0	+1.0/-0.7
VMA in percent[2]	- 0.5	- 0.2

[1] For SMA, JMF limits are +/-1.3 and warning limits are +/-1.0.

[2] VMA limits are based on requirements for each mix design nominal maximum aggregate size in table 460-1. For No. 6 (4.75mm) mixes, JMF limits are +/- 0.5 and warning limits are +/- 0.2.

460.3.2 Thickness

Replace paragraph one with the following effective with the December 2019 letting:

(1) Provide the plan thickness for lower and upper layers limited as follows:

NOMINAL SIZE	MINIMUM LAYER THICKNESS (in inches)	MAX LOWER LAYER THICKNESS (in inches)	MAX UPPER LAYER THICKNESS (in inches)	MAX SINGLE LAYER THICKNESS[3] (in inches)
No. 1 (37.5 mm)	4.5	6	4.5	6
No. 2 (25.0 mm)	3.0	5	4	6
No. 3 (19.0 mm	2.25	4	3	5
No. 4 (12.5 mm)[1]	1.75	3[2]	2.5	4
No. 5 (9.5 mm)[1]	1.25	3[2]	2	3
No. 6 (4.75 mm)	0.75	1.25	1.25	1.25

[1] SMA mixtures use nominal size No. 4 (12.5 mm) or No. 5 (9.5 mm).

[2] SMA mixtures with nominal sizes of No. 4 (12.5 mm) and No. 5 (9.5 mm) have no maximum lower layer thickness specified.

[3] For use on cross-overs and shoulders.

(2) Place leveling layers using No. 4 (12.5 mm), No. 5 (9.5 mm), or No. 6 (4.75 mm) mixtures. Leveling layers may be thinner than the minimum lower layer thickness for the mixture used.

(3) Place wedging layers as the contract specifies or engineer directs. Wedging layers have no specified minimum or maximum thickness.

460.3.3.1 Minimum Required Density

Replace paragraph one with the following effective with the December 2019 letting:

(1) Compact No. 6 mixtures in lower layers as specified in 450.3.2.6.2 and in upper layers as specified in 450.3.2.6.3. For other HMA mixtures, compact all layers to the density table 460-3 specifies.

TABLE 460-3 MINIMUM REQUIRED DENSITY[1]

LOCATION	LAYER	PERCENT OF TARGET MAXIMUM DENSITY		
		MIXTURE TYPE		
		LT and MT	HT	SMA[5]
TRAFFIC LANES[2]	LOWER	93.0[3]	93.0[4]	___
	UPPER	93.0	93.0	93.0
SHOULDERS & APPURTENANCES	LOWER	91.0	91.0	___
	UPPER	92.0	92.0	92.0

[1] The table values are for average lot density. If any individual density test result falls more than 3.0 percent below the minimum required target maximum density, the engineer will investigate the acceptability of that material according to CMM 8-15.11.

[2] Includes side roads, crossovers, turn lanes, ramps, parking lanes, bike lanes, and park-and-ride lots as defined by the contract plans.

[3] Minimum reduced by 2.0 percent for a lower layer constructed directly on crushed aggregate or recycled base courses.

[4] Minimum reduced by 1.0 percent for a lower layer constructed directly on crushed aggregate or recycled base courses.

460.3.3.2 Pavement Density Determination

Replace paragraph three with the following effective with the December 2019 letting:

(3) A lot is defined in CMM 8-15 and placed within a single layer for each location and target maximum density category indicated in table 460-3. The lot density is the average of all samples taken for that lot. The department determines the number of tests per lot according to CMM 8-15.

460.5.2.1 General

Replace paragraph six with the following effective with the December 2019 letting:

(6) If during a QV dispute resolution investigation the department discovers unacceptable mixture defined by one or more of the following:

- Va less than 2.5 or greater than 6.5 percent for SMA, or for other mixes, less than 1.5 or greater than 5.0 percent.
- VMA more than 1.0 percent below the minimum or above the maximum specified in table 460-1.
- AC more than 0.5 % below the JMF target.

Remove and replace the material, or if the engineer allows the mixture to remain in place, the department will pay for the quantity of affected material at 50 percent of the contract price.

501.2.5.5 Sampling and Testing

Replace paragraph one with the following effective with the December 2019 letting:

(1) Sample and test aggregates for concrete according to the following:

Sampling aggregates[1]	AASHTO T2
Lightweight pieces in aggregate	AASHTO T113
Material finer than No. 200 sieve[1]	AASHTO T11
Unit weight of aggregate	AASHTO T19
Organic impurities in sands	AASHTO T21
Sieve analysis of aggregates	AASHTO T27
Effect of organic impurities in fine aggregate	AASHTO T71
Los Angeles abrasion of coarse aggregate	AASHTO T96
Alkali Silica Reactivity of Aggregates	ASTM C1260
Alkali Silica Reactivity of Combinations of Cementitious Materials and Aggregates	ASTM C1567
Freeze-thaw soundness of coarse aggregate[1]	AASHTO T103
Sodium sulfate soundness of coarse aggregates (R-4, 5 cycles)	AASHTO T104
Specific gravity and absorption of fine aggregate	AASHTO T84
Specific gravity and absorption of coarse aggregate[1]	AASHTO T85
Flat & elongated pieces based on a 3:1 ratio[1]	ASTM D4791
Sampling fresh concrete	AASHTO R60
Making and curing concrete compressive strength test specimens	AASHTO T23
Compressive strength of molded concrete cylinders	AASHTO T22

[1] As modified in CMM 8-60.

505.2.2 Bar Steel Reinforcement

Replace paragraph one with the following effective with the December 2019 letting:

(1) Conform to AASHTO M31, type S or type W.

505.2.3 High-Strength Bar Steel Reinforcement

Replace paragraph one with the following effective with the December 2019 letting:

(1) Conform to AASHTO M31, grade 60, type S or type W.

505.2.4.1 General

Replace paragraph one with the following effective with the December 2019 letting:

(1) Conform to AASHTO M31, grade 60, type S or type W. Ensure that the coating is applied in a CRSI certified epoxy coating plant. Bend bars that require bending before coating, unless the fabricator can bend the bar without damaging the coating.

505.2.6.1 General

Replace paragraph one with the following effective with the December 2019 letting:

(1) For dowel bars and straight tie bars, there is no requirement for bend tests. Ensure that the bars are the specified diameter and length the plans show.

505.2.6.2.2 Solid Dowel Bars

Replace paragraph one with the following effective with the December 2019 letting:

(1) Furnish coated bars conforming to AASHTO M31 grade 40 or 60. Alternatively the contractor may furnish dowel bars conforming to AASHTO M227 grade 70-80. Coat in a plant certified by the Concrete Reinforcing Steel Institute with a thermosetting epoxy conforming to AASHTO M254, type B.

520.3.7 Deflection Testing

Replace paragraphs three and four with the following effective with the June 2020 letting:

(3) Test 100 percent of the installed length of pipe 24 inches or greater in diameter. Ensure that the mandrel passes through the entire section in one pass when pulled by hand without using excessive force. If the designated length of pipe fails, the engineer may require additional testing.

(4) For pipe less than 24 inches in diameter, the engineer will designate at least 10 percent of the installed length of pipe for testing. The mandrel must pass through the entire section in one pass when pulled by hand without using excessive force. If the designated length of pipe fails, engineer may require additional testing.

(5) Relay or replace pipe that does not pass deflection testing. Retest all relayed or replaced pipe.

608.3.7 Deflection Testing

Replace paragraphs three and four with the following effective with the June 2020 letting:

(3) Test 100 percent of the installed length of pipe 24 inches or greater in diameter. Ensure that the mandrel passes through the entire section in one pass when pulled by hand without using excessive force. If the designated length of pipe fails, the engineer may require additional testing.

(4) For pipe less than 24 inches in diameter, the engineer will designate at least 10 percent of the installed length of pipe for testing. The mandrel must pass through the entire section in one pass when pulled by hand without using excessive force. If the designated length of pipe fails, engineer may require additional testing.

(5) Relay or replace pipe that does not pass deflection testing. Retest all relayed or replaced pipe.

625.3.2 Processing Topsoil or Salvaged Topsoil

Delete paragraph four effective with the December 2019 letting.

701.3.1 General

Replace the entire text with the following effective with the December 2019 letting:

(1) Perform contract required QC tests for samples randomly located according to CMM 8-30. Use the test methods specified in table 701-1.

TABLE 701-1 TESTING AND CERTIFICATION STANDARDS

TEST	TEST STANDARD	MINIMUM REQUIRED CERTIFICATION (any one of the certifications listed for each test)
Random Sampling	CMM 8-30.9.2	Transportation Materials Sampling Technician (TMS) Aggregate Technician I (AGGTEC-I) AGGTEC-I Assistant Certified Technician (ACT-AGG) PCC Technician I (PCCTEC-I) PCCTEC-I Assistant Certified Technician (ACT-PCC) Grading Technician I (GRADINGTEC-I) Grading Assistant Certified Technician (ACT-GRADING)
Sampling Aggregates	AASHTO T2[1][4]	TMS, AGGTECT-1, ACT-AGG
Percent passing the No. 200 sieve	AASHTO T11[1]	AGGTEC-I, ACT-AGG
Fine and coarse aggregate gradation	AASHTO T27[1]	
Aggregate moisture content	AASHTO T255[1]	
Fractured faces	ASTM D5821[1]	
Liquid limit	AASHTO T89	Aggregate Testing for Transportation Systems (ATTS) GRADINGTEC-I, or ACT-GRADING
Plasticity index	AASHTO T90[3]	
Sampling freshly mixed concrete	AASHTO R60	PCCTEC-1 ACT-PCC
Air content of fresh concrete	AASHTO T152[2]	
Air void system of fresh concrete	AASHTO TP118[5]	
Concrete slump	AASHTO T119[2]	
Concrete temperature	ASTM C1064	
Making and curing concrete cylinders	AASHTO T23	
Moist curing for concrete cylinders	AASHTO M201	
Concrete compressive strength	AASHTO T22	Concrete Strength Tester (CST) CST Assistant Certified Technician (ACT-CST)
Concrete flexural strength	AASHTO T97	
Profiling	—	PROFILER

[1] As modified in CMM 8-60.

[2] As modified in CMM 8-70.

[3] A plasticity check, if required under individual QMP provisions, may be performed by an AGGTEC-I in addition to the certifications listed for liquid limit and plasticity index tests.

[4] Plant personnel may operate equipment to obtain samples under the direct observation of a TMS or higher.

[5] Consolidate by rodding.

715.2.1 General

Replace paragraph five with the following effective with the December 2019 letting:

(5) For new lab-qualified mixes, test the air void system of the proposed concrete mix. Include the SAM number as a part of the mix design submittal.

715.3.1.1 General

Replace paragraph two with the following effective with the December 2019 letting:

(2) Test the air void system at least once per lot and enter the SAM number in the MRS for information only. SAM testing is not required for the following:

- For lots with less than 4 sublots.
- High early strength (HES) concrete.
- Special high early strength (SHES) concrete.
- Concrete placed under the following bid items:
    - Concrete Pavement Approach Slab
    - Concrete Masonry Culverts
    - Concrete Masonry Retaining Walls
    - Steel Grid Floor Concrete Filled
    - Crash Cushions Permanent
    - Crash Cushions Permanent Low Maintenance
    - Crash Cushions Temporary

730.3.1 General

Replace paragraph three with the following effective with the December 2019 letting:

(3) Stockpile tests[1] can be used for multiple projects. If placement on a project does not begin within 120 calendar days after the date the stockpile sample was obtained, retest the stockpile before placement begins.

[1] Replace the stockpile test with an in-place production test for concrete pavement recycled and processed on-site; test on the first day of production.

730.3.2 Contractor QC Testing

Replace paragraph four with the following effective with the December 2019 letting:

(4) Submit test results to the engineer within one business day of obtaining the sample, except any aggregate classification with recycled asphalt may be submitted within two business days.

730.3.4.1 Contractor QC Testing

Replace the entire text with the following effective with the December 2019 letting:

(1) For small quantity contracts with <= 500 tons, submit 2 production tests or 1 stockpile test. Production tests are valid for 3 years from the date the production sample was obtained. Begin placement within 3 years of the date sampled.

(2) For small quantity contracts with <= 6000 tons and > 500 tons, do the following:

1. Conduct one QC stockpile test before placement.
2. Submit 2 production tests or conduct 1 loadout test instead of placement tests. Production tests are valid for 3 years from the date the production sample was obtained; the first day of placement must be within 3 years of the date sampled.
3. If the actual quantity placed is more than 6000 tons, on the next day of placement perform one additional random QC test for each 3000 tons of overrun, or fraction thereof.

740.3.2 Contractor QC Testing

Replace paragraph three with the following effective with the December 2019 letting:

(3) Field-locate the beginning and ending points for each profile run. Measure the profiles of each standard and partial segment. Define primary segments starting at a project terminus and running contiguously along the mainline to the other project terminus. Define segments one wheel path wide and distinguished by length as follows:

1. Standard segments are 500 feet long.
2. Partial segments are less than 500 feet long.

Errata

104.6.1.2.3 Drop-Off and Hazard Protection

Correct errata by changing 2 inches or greater to greater than 2 inches.

(1) Eliminate vertical drop-offs greater than 2 inches and edge slopes steeper than 3:1 between adjacent lanes open to traffic.

305.3.3.3 Shoulders Adjacent to Asphaltic Pavement or Surfacing

Correct errata by changing 2-inch or more to greater than 2-inch.

(2) If the roadway remains open to through traffic during construction and a greater than 2-inch drop-off occurs within 3 feet or less from the edge of the traveled way, eliminate the drop-off within 48 hours after completing that days paving. Unless the special provisions specify otherwise, provide aggregate shoulder material compacted to a temporary 3:1 or flatter cross slope from the surface of the pavement edge.

501.3.2.2 Concrete Proportions

Correct errata in footnote [8] by allowing either grade 100 or grade 120 slag in C-S concrete.

[8] For grade C-S concrete, use grade 100 or grade 120 slag.

614.3.6 Thrie Beam Structure Approach Retro Fits

Correct errata by deleting the galvanization reference already required under 614.3.1.

(2) Install posts and drill holes into existing thrie beam conforming to 614.3.2.

628.3.7 Mobilizations for Erosion Control

Correct errata by clarifying that mobilizations for erosion control include proceeding with the work.

(1) Move personnel, equipment, and materials to the project site and promptly proceed with construction of erosion control items at the stages the contract indicates or the engineer directs.

Non-discrimination Provisions

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

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

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

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

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

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

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

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

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

Pertinent Non-Discrimination Authorities:

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

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

Effective August 2015 letting

BUY AMERICA PROVISION

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

https://wisconsindot.gov/rdwy/cmm/cm-02-28.pdf

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

https://wisconsindot.gov/hcciDocs/contracting-info/ws4567.doc

Exhibits

ID: 1197-00-20 – Parcel 8

Removal, Grading, Backfill

Location Map

Photos

Asbestos Inspection Report

Remove: Parcel 8:

The parcel includes seven building improvements to be removed. In addition, there are miscellaneous equipment and tires scattered throughout the area and in the outbuildings. Should the previous owner not have them removed they will be made part of this contract and will need to be cleared. There are 1-2 wells on premise that will need to be abandoned/removed. This parcel is priority and it is requested that these buildings be removed first.

Improvement 8A: 5,712 square foot pole building that was being used as a commercial space. The building features three bay doors and a mezzanine.

Improvement 8B: Storage shed in poor repair. Has burnt down, remnants of shed remain.

Improvement 8C: Storage shed in poor repair. Is caving in, contents include roughly 50+ tires.

Improvement 8D: Small storage shed in poor repair.

Improvement 8E: Small storage shed in poor repair. Contents include wood scraps.

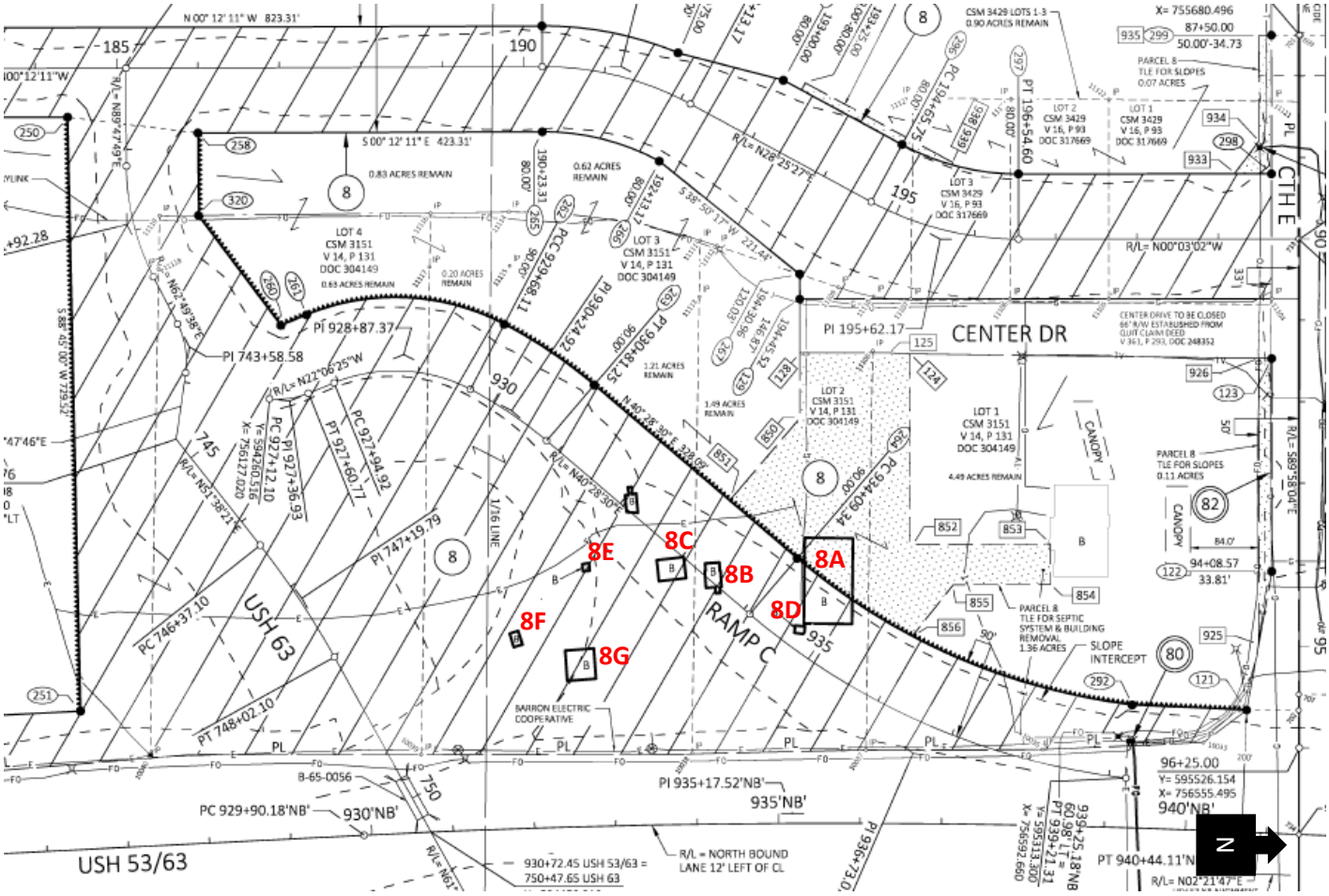
Improvement 8F: Small storage shed in poor repair. Contents include wood scraps.

Improvement 8G: 1,024 square foot barn with an upper and lower level. Contents include some remaining wood scrap.

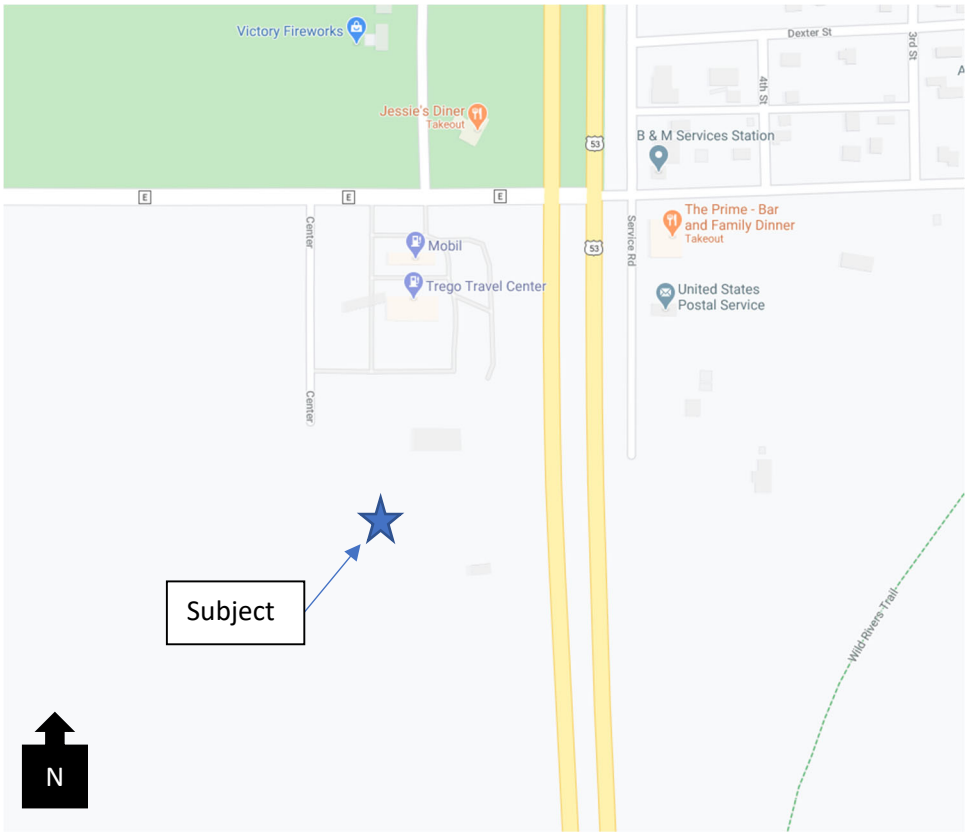
Grading: As directed by the State Department of Transportation inspector. Reference Special Provisions – Article 2 – Item #5.

Floor Plan – Following Pages

Backfill: Reference subsection 204.3.1.2 of the Standard Specifications, Septic Tank-Granular Material; Well-Concrete or other Material Acceptable to Wisconsin Department of Natural Resources.


8A
8B
8C
8D
8E
8F
8G
CENTER DR
RAMP C
USH 63
USH 53/63
CTH E
PI 928+87.37
PI 743+58.58
PI 747+19.79
PI 195+62.17
PI 935+17.52'NB'
935'NB'
930'NB'
PC 929+90.18'NB'
PT 940+44.11'N
PC 746+37.10
PT 748+02.10
930+72.45 USH 53/63 =
750+47.65 USH 63
R/L = NORTH BOUND
LANE 12' LEFT OF CL
R/L= N00°03'02"W
R/L= N28°45'27"
R/L= N40°28'30"E
R/L= N22°06'25"W
R/L= N21°38'21"E
1/16 LINE
BARRON ELECTRIC
COOPERATIVE
SLOPE
INTERCEPT
CANOPY
N

ID: 1197-00-20, Parcel 8



ID: 1197-00-20, Parcel 8

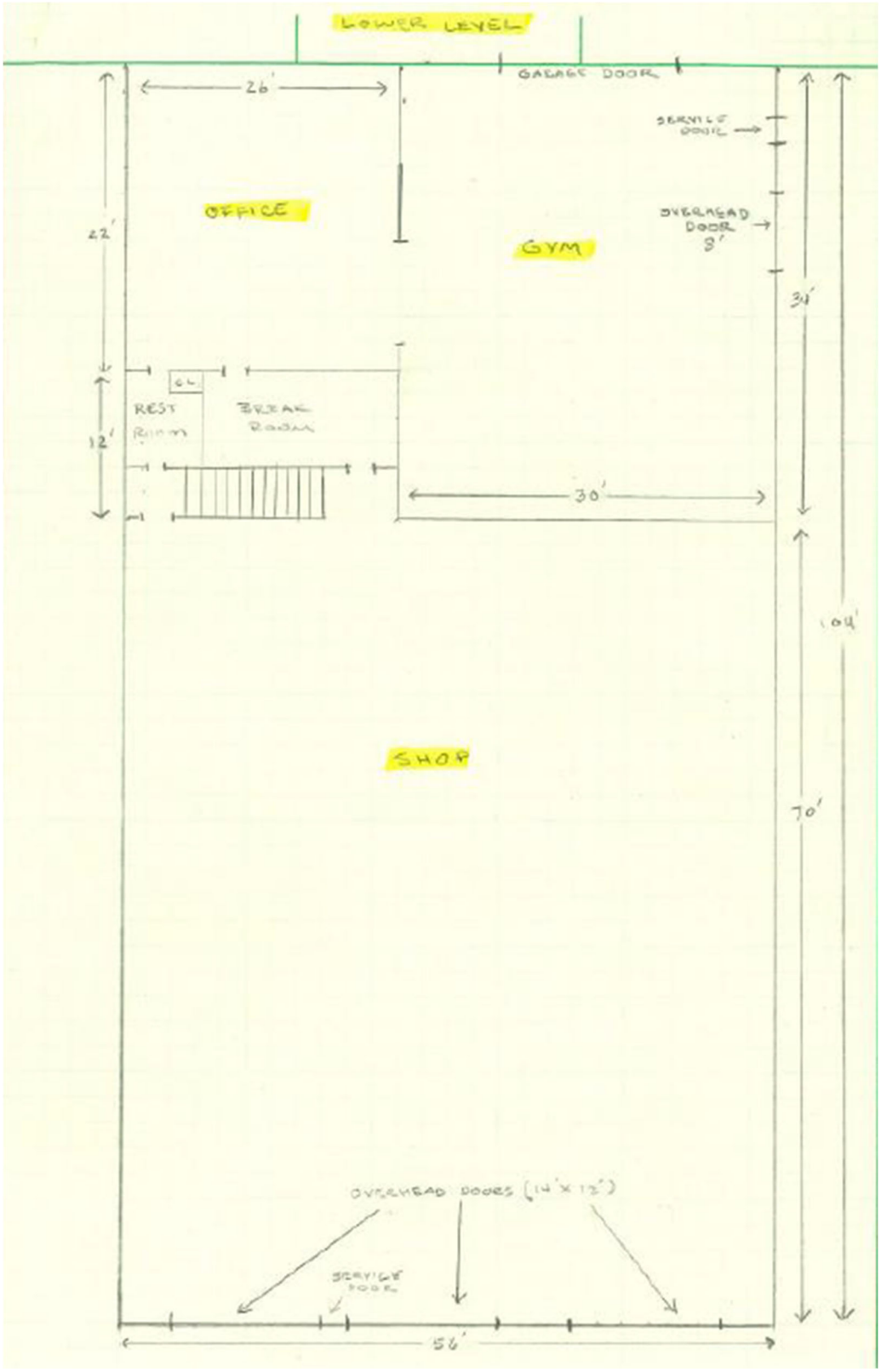


Figure 1: Layout of Building 8A, Floor 1

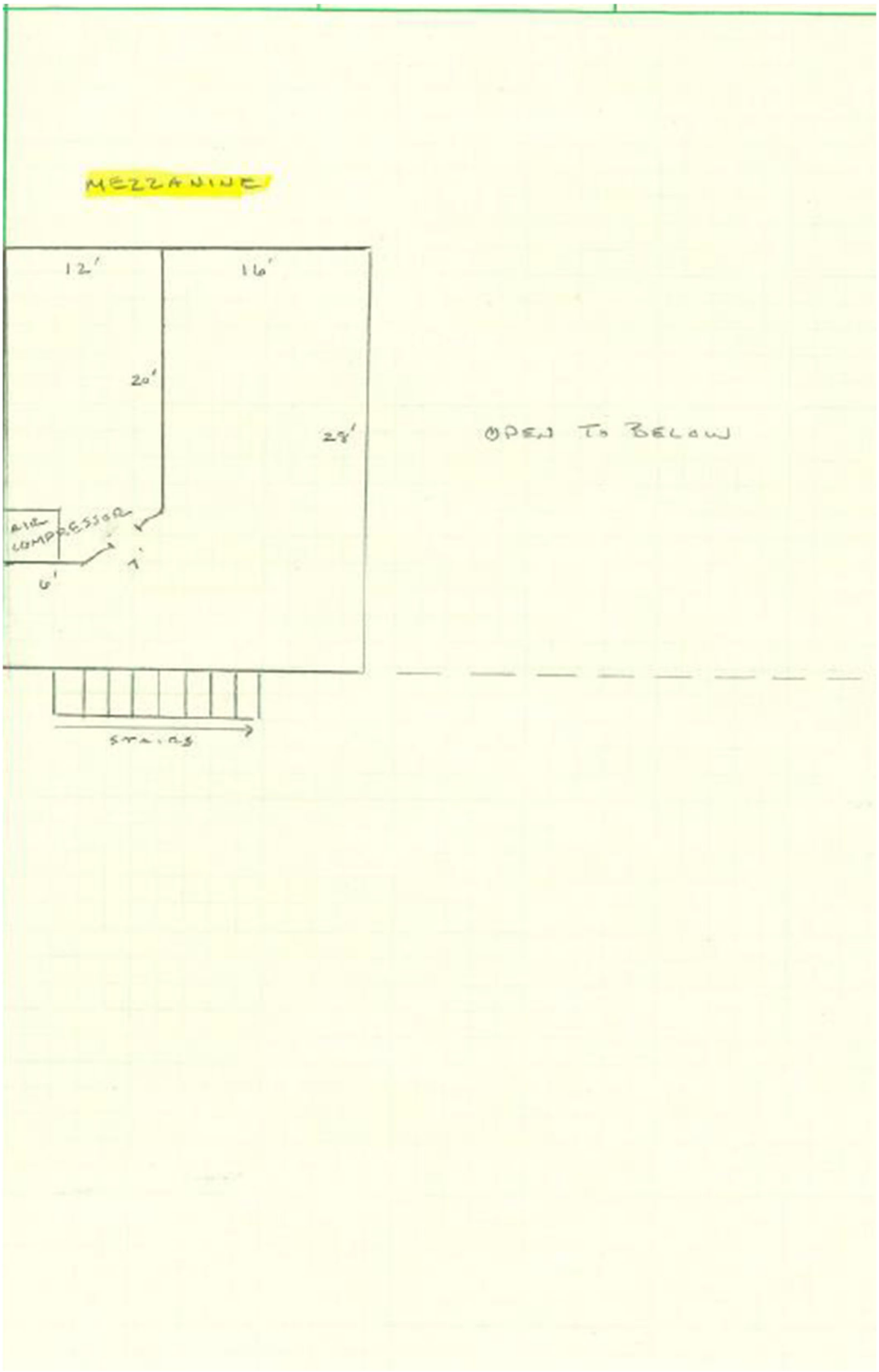


Figure 2: Layout of Building 8A, Floor 2

Figure 3: Building 8A, View of East Side

Figure 4: Building 8A, View of West Side

Figure 5: Building 8B, Burnt Down, Facing East

Figure 6: Building 8C, View of West Side

Figure 7: Building 8E, View of Northeast Side

Figure 8: Building 8F, View of North Side

Figure 9: Build 8G, View of West Side

Asbestos-Containing Material and Pre-Demolition Reconnaissance

W5737 CTH E (Parcel 8)
Trego, Washburn County, Wisconsin

July 2020

WisDOT Project #1197-00-20

Prepared For:

Wisconsin Department of Transportation

Prepared By:

TRC
708 Heartland Trail, Suite 3000
Madison, Wisconsin 53717

Thomas Perkins
WDHFS Asbestos Inspector, AII-252595

Daniel Haak, P.E.
Project Manager

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3.0 CONCLUSIONS AND RECOMMENDATIONS **2**

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Figure 2: Sample Location Map

APPENDICES

Appendix A: Photographs
Appendix B: Laboratory Analytical Results

COMMONLY USED ABBREVIATIONS AND ACRONYMS

AST	aboveground storage tank
bgs	below ground surface
BRRTS	Bureau for Remediation and Redevelopment Tracking System
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CTH	County Trunk Highway
CY	cubic yards
DATCP	Department of Agriculture, Trade and Consumer Protection
DRO	diesel range organics
FDM	Facilities Development Manual
EMP	Excavation Management Plan
ERP	Environmental Repair Program
ES	Enforcement Standards
ESA	Environmental Site Assessment
FINDS	Facility Index System/Facility Identification Initiative Program Summary Report
GIS Registry	WDNR Geographic Information System (GIS) Registry of Closed Remediation Sites
GRO	gasoline range organics
HAZWOPER	Code of Federal Registry Chapter 29 (29 CFR) Part 1910.120 Hazardous Waste Operations and Emergency Response
HMA	Hazardous Materials Assessment
IH	Interstate Highway
LQG	large quantity generator
LUST	leaking underground storage tank
NPL	National Priorities List
NR ###	Wisconsin Administrative Code (WAC) Natural Resources (NR) Chapter ###
PAHs	polynuclear aromatic hydrocarbons
PAL	Preventive Action Limits
PCBs	polychlorinated biphenyls
PCE	perchloroethylene/tetrachloroethylene
PID	photoionization detector
PVOCs	petroleum volatile organic compounds
RCLs	Residual Contaminant Levels in NR 720
RCRA	Resource Conservation and Recovery Act
RCRIS	Resource Conservation and Recovery Information System
R/W or ROW	right-of-way
sf	square feet
STH	State Trunk Highway
TCE	trichloroethylene
TRIS	Toxic Chemical Release Inventory System
USGS	United States Geological Survey
USH	United States Highway
UST	underground storage tank
VOCs	volatile organic compounds
WDNR	Wisconsin Department of Natural Resources
WisDOT	Wisconsin Department of Transportation
WGNHS	Wisconsin Geological and Natural History Survey
WI ERP	Wisconsin Environmental Repair Program database

Executive Summary

The WisDOT has acquired the property at W5737 CTH E (Parcel 8) in Trego, Washburn County, Wisconsin. The property contains the following buildings that will be demolished and the site cleared:

- 8A – commercial building
- 8B – storage shed
- 8C – storage shed
- 8D – storage shed
- 8E – storage shed
- 8F – storage shed
- 8G – barn

TRC Environmental Corporation (TRC) has been contracted by the WisDOT to perform an asbestos-containing materials (ACM) delineation inspection of the property, in order to identify asbestos that must be removed prior to demolition of the buildings.

No ACM is present in any of the buildings.

TRC's pre-demolition reconnaissance of the property and buildings identified various debris such as tires in some of the storage sheds which will require special disposal during site clearing.

1.0 Background

1.1 Introduction

The WisDOT has acquired the property at W5737 CTH E (Parcel 8) in Trego, Washburn County, Wisconsin. The property contains the following buildings that will be demolished and the site cleared:

- 8A – commercial building
- 8B – storage shed
- 8C – storage shed
- 8D – storage shed
- 8E – storage shed
- 8F – storage shed
- 8G – barn

TRC has been contracted by the WisDOT to perform an ACM delineation inspection of the property, in order to identify asbestos that must be removed prior to demolition of the buildings.

1.2 ACM Inspection

On July 17, 2020, TRC conducted an asbestos inspection of the property in order to determine the extent of ACM in the buildings, and to identify any ACM that would require management during demolition. This was accomplished by identifying, sampling, characterizing, quantifying, and laboratory-analyzing potential ACM.

2.0 ACM Delineation

2.1 ACM Sampling

TRC conducted an ACM survey of the building on July 17, 2020. Samples of suspect ACM were collected for laboratory analysis in accordance with the United States Environmental Protection Agency's (USEPA's) Asbestos Hazardous Emergency Response Act (AHERA) 40 CFR Part 763, Subpart E, as indicated in WDNR and Occupational Safety and Health Administration (OSHA) regulations. A minimum of three randomly distributed samples of each type of material identified as homogeneous (same type, color, and age of application) were collected by Thomas Perkins, WDHFS Asbestos Inspector #AII-252595. If there was any reason to suspect that the materials might be different, those materials were sampled separately. Samples were collected by hand using hammers, chisels, and utility knives. Sufficient water was applied before and during sample collection to prevent the generation of airborne particulate as a result of sampling activities.

A total of 63 samples were collected during the July sampling event and analyzed for the presence of ACM. Materials sampled included: ceiling tile, drywall, pipe joint compound, shingles, roofing tar paper, felt paper, unknown white fibers, wiring, shingle siding, sheet rock, and spray insulation. See Appendix A for photographs and Figure 2 for sample locations.

Collected samples were analyzed by TRC Solutions, Inc. (TRC) in Windsor, Connecticut. Samples were analyzed on a 2 day turnaround basis using polarized light microscopy (PLM) with dispersion staining techniques.

2.2 ACM Sampling Results

The locations and types of the material sampled, the collection date, the sample number, and the condition of the material are presented in Table 1 (Asbestos Survey Log and Bulk Asbestos Analytical Results). Photographs showing representative sampled materials can be found in Appendix A. TRC's laboratory analysis reports are included in Appendix B.

No ACM is present in any of the buildings

3.0 Conclusions and Recommendations

No ACM is present in any of the buildings.

TRC's pre-demolition reconnaissance of the property and buildings identified various debris such as tires in some of the storage sheds which will require special disposal during site clearing.

Table 1
Asbestos Survey Log and Bulk Asbestos Analytical Results

Client: WisDOT
Name: W5737 CTH E, Parcel 8
Location: Trego, Washburn County
Project ID: 1197-00-20

Project Number: 401359.0000.0000
Sample Collection Date: July 17, 2020
Samples Collected By: Thomas Perkins
Asbestos Inspector Number: AII-252595

SAMPLE NUMBER	SAMPLE LOCATION	SAMPLE DESCRIPTION	COLOR	CONDITION	ANALYTICAL METHOD AND RESULTS	FRIABLE/ NON-FRIABLE	QUANTITY
P8-A 001	Ceiling	Ceiling Tile	White/Gray	Good	PLM, non-detect	--	0
P8-A 002	Ceiling	Ceiling Tile	White/Gray	Good	PLM, non-detect	--	
P8-A 003	Ceiling	Ceiling Tile	White/Gray	Good	PLM, non-detect	--	
P8-A 004	Gym wall/chalkboard	Drywall	Light gray	Good	PLM, non-detect	--	0
P8-A 005	Gym wall/chalkboard	Drywall	Light gray	Good	PLM, non-detect	--	
P8-A 006	Gym wall/chalkboard	Drywall	Light gray	Good	PLM, non-detect	--	
P8-A 007	Gym piping	Pipe joint compound	White	Good	PLM, non-detect	--	0
P8-A 008	Gym piping	Pipe joint compound	White	Good	PLM, non-detect	--	
P8-A 009	Gym piping	Pipe joint compound	White	Good	PLM, non-detect	--	
P8-A 010	Interior walls	Drywall	White	Good	PLM, non-detect	--	0
P8-A 011	Interior walls	Drywall	White	Good	PLM, non-detect	--	
P8-A 012	Interior walls	Joint compound (layer 1) Drywall (layer 2)	White (layer 1) White (layer 2)	Good	PLM, non-detect (both layers)	--	
P8-B 001	Outhouse roof	Shingles	Black/Green	Damaged	PLM, non-detect	--	0
P8-B 002	Debris/burn pile	Shingles	Black/red/Green	Damaged	PLM, non-detect	--	
P8-B 003	Debris/burn pile	Shingles	Black/Green	Damaged	PLM, non-detect	--	
P8-B 004	Outhouse	Tar paper	Black	Damaged	PLM, non-detect	--	0
P8-B 005	Debris/burn pile	Tar paper	Black	Damaged	PLM, non-detect	--	
P8-B 006	Debris/burn pile	Tar paper	Black	Damaged	PLM, non-detect	--	
P8-B 007	Debris/burn pile	Unknown white fibers	White	Damaged	PLM, non-detect	--	0
P8-B 008	Debris/burn pile	Unknown white fibers	White	Damaged	PLM, non-detect	--	
P8-B 009	Debris/burn pile	Unknown white fibers	White	Damaged	PLM, non-detect	--	
P8-C 001	Building wall & ceiling	Wiring	Black/beige	Damaged	PLM, non-detect	--	0
P8-C 002	Building wall & ceiling	Wiring	Black/beige	Damaged	PLM, non-detect	--	
P8-C 003	Building wall & ceiling	Wiring	Black/beige	Damaged	PLM, non-detect	--	
P8-C 004	Building walls	Shingle siding	Black/white/green/red/tan	Damaged	PLM, non-detect	--	0
P8-C 005	Building walls	Shingle siding	Black/white/green/red/tan	Damaged	PLM, non-detect	--	
P8-C 006	Building walls	Shingle siding	Black/white/green/red/tan	Damaged	PLM, non-detect	--	
P8-C 007	Roof	Tar paper	Black	Damaged	PLM, non-detect	--	0
P8-C 008	Roof	Tar paper	Black	Damaged	PLM, non-detect	--	
P8-C 009	Roof	Tar paper	Black	Damaged	PLM, non-detect	--	
P8-C 010	Roof	Shingles	Black/red	Damaged	PLM, non-detect	--	0
P8-C 011	Roof	Shingles	Black/green	Damaged	PLM, non-detect	--	
P8-C 012	Roof	Shingles	Black/red/green/white	Damaged	PLM, non-detect	--	
P8-C 013	Interior, pile on ground	Sheet rock	White	Damaged	PLM, non-detect	--	0
P8-C 014	Interior, pile on ground	Sheet rock	White	Damaged	PLM, non-detect	--	
P8-C 015	Interior, pile on ground	Sheet rock	White	Damaged	PLM, non-detect	--	

Table 1
Asbestos Survey Log and Bulk Asbestos Analytical Results

Client: WisDOT
Name: W5737 CTH E, Parcel 8
Location: Trego, Washburn County
Project ID: 1197-00-20

Project Number: 401359.0000.0000
Sample Collection Date: July 17, 2020
Samples Collected By: Thomas Perkins
Asbestos Inspector Number: AII-252595

SAMPLE NUMBER	SAMPLE LOCATION	SAMPLE DESCRIPTION	COLOR	CONDITION	ANALYTICAL METHOD AND RESULTS	FRIABLE/ NON-FRIABLE	QUANTITY
P8-E 001	Exterior wall	Shingle siding	Black	Damaged	PLM, non-detect	--	0
P8-E 002	Exterior wall	Shingle siding	Black	Damaged	PLM, non-detect	--	
P8-E 003	Exterior wall	Shingle siding	Black	Damaged	PLM, non-detect	--	
P8-E 004	Roof	Felt paper	Black	Damaged	PLM, non-detect	--	0
P8-E 005	Roof	Felt paper	Black	Damaged	PLM, non-detect	--	
P8-E 006	Roof	Felt paper	Black	Damaged	PLM, non-detect	--	
P8-E 007	Roof	Shingles	Black/Green	Damaged	PLM, non-detect	--	0
P8-E 008	Roof	Shingles	Black/Green	Damaged	PLM, non-detect	--	
P8-E 009	Roof	Shingles	Black/Green	Damaged	PLM, non-detect	--	
P8-F 001	Roof	Shingles	Black/Red/Green	Damaged	PLM, non-detect	--	0
P8-F 002	Roof	Shingles	Black/Green	Damaged	PLM, non-detect	--	
P8-F 003	Roof	Shingles	Black/Green/Blue/Tan	Damaged	PLM, non-detect	--	
P8-G 001	Interior wall & ceiling	Wiring	Black	Damaged	PLM, non-detect	--	0
P8-G 002	Interior wall & ceiling	Wiring	Black	Damaged	PLM, non-detect	--	
P8-G 003	Interior wall & ceiling	Wiring	Black	Damaged	PLM, non-detect	--	
P8-G 004	Around window exterior	Caulk	White	Damaged	PLM, non-detect	--	0
P8-G 005	Around window exterior	Caulk	White	Damaged	PLM, non-detect	--	
P8-G 006	Around window exterior	Caulk	White	Damaged	PLM, non-detect	--	
P8-G 007	Roof	Shingles	Black/Green	Damaged	PLM, non-detect	--	0
P8-G 008	Roof	Shingles	Black/Green	Damaged	PLM, non-detect	--	
P8-G 009	Roof	Shingles	Black/Green	Damaged	PLM, non-detect	--	
P8-G 010	Exterior wall	Felt paper	Black	Damaged	PLM, non-detect	--	0
P8-G 011	Exterior wall	Felt paper	Black	Damaged	PLM, non-detect	--	
P8-G 012	Exterior wall	Felt paper	Black	Damaged	PLM, non-detect	--	
P8-G 013	Interior of walls	Spray insulation	Brown	Damaged	PLM, non-detect	--	0
P8-G 014	Interior of walls	Spray insulation	Brown	Damaged	PLM, non-detect	--	
P8-G 015	Interior of walls	Spray insulation	Brown	Damaged	PLM, non-detect	--	

Notes:

PLM = Polarized Light Microscopy

NA/PS = Not analyzed, positive stop

1. Inspection was completed following WisDOT standard sampling procedure for bridge inspections found in FDM 21 35-45.

Created By: A. Voit
Checked By: D. Haak

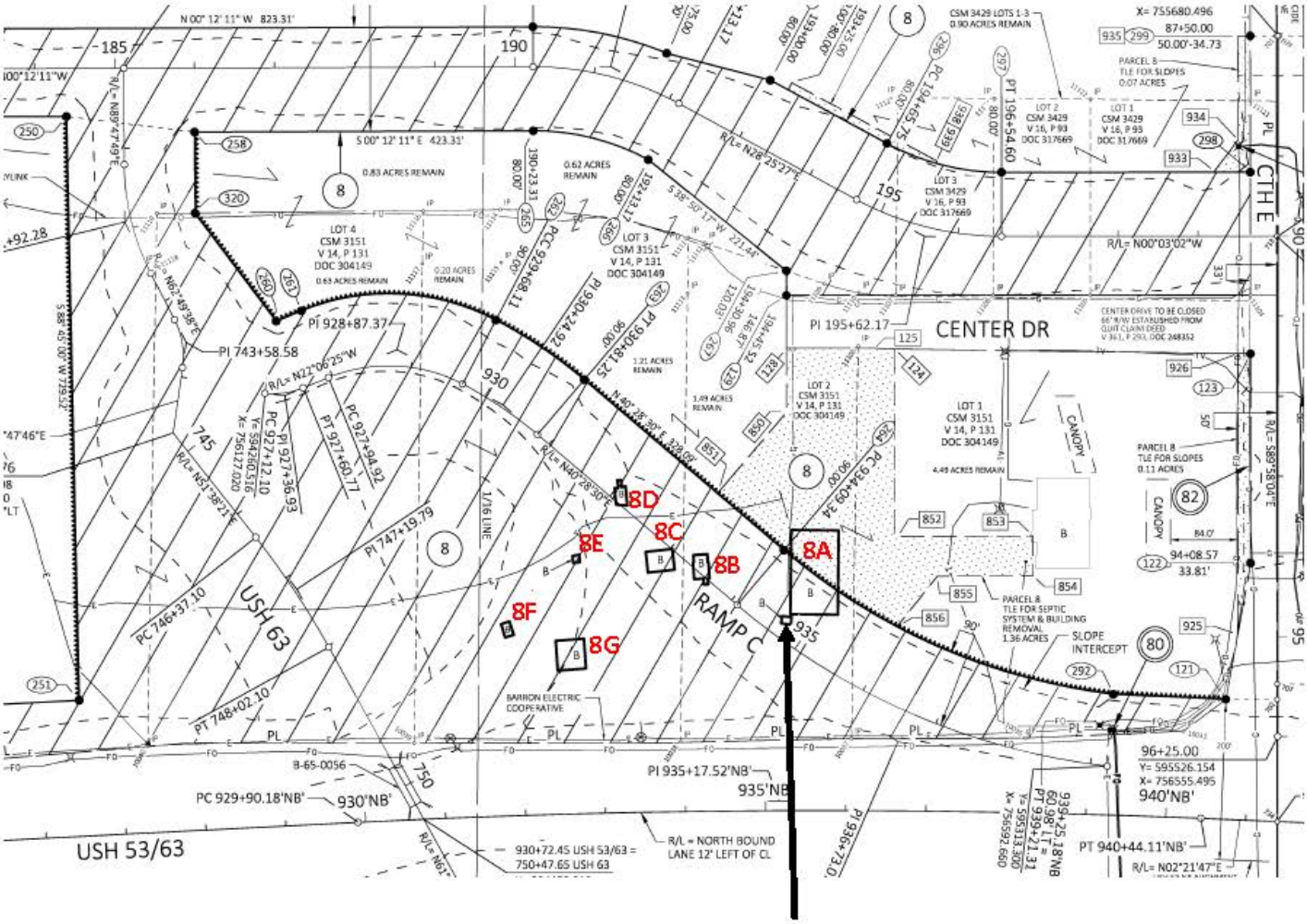
Condition Description:

Good: The material shows no visible damage or deterioration, or shows only limited damage or deterioration.

Damaged: The material is friable that has deteriorated or sustained physical damage.

Significantly damaged: The material is friable that has sustained extensive or severe damage.

FIGURE 1 - SITE LOCATION MAP



Small building adjacent to 8A is being moved by owner and is not part of this contract.

1/2

FIGURE 2 - SAMPLE LOCATIONS

TREGO, WI ACM
WISDOT
PH 401359
PARCEL 8, BUILDING A
"P8-A"

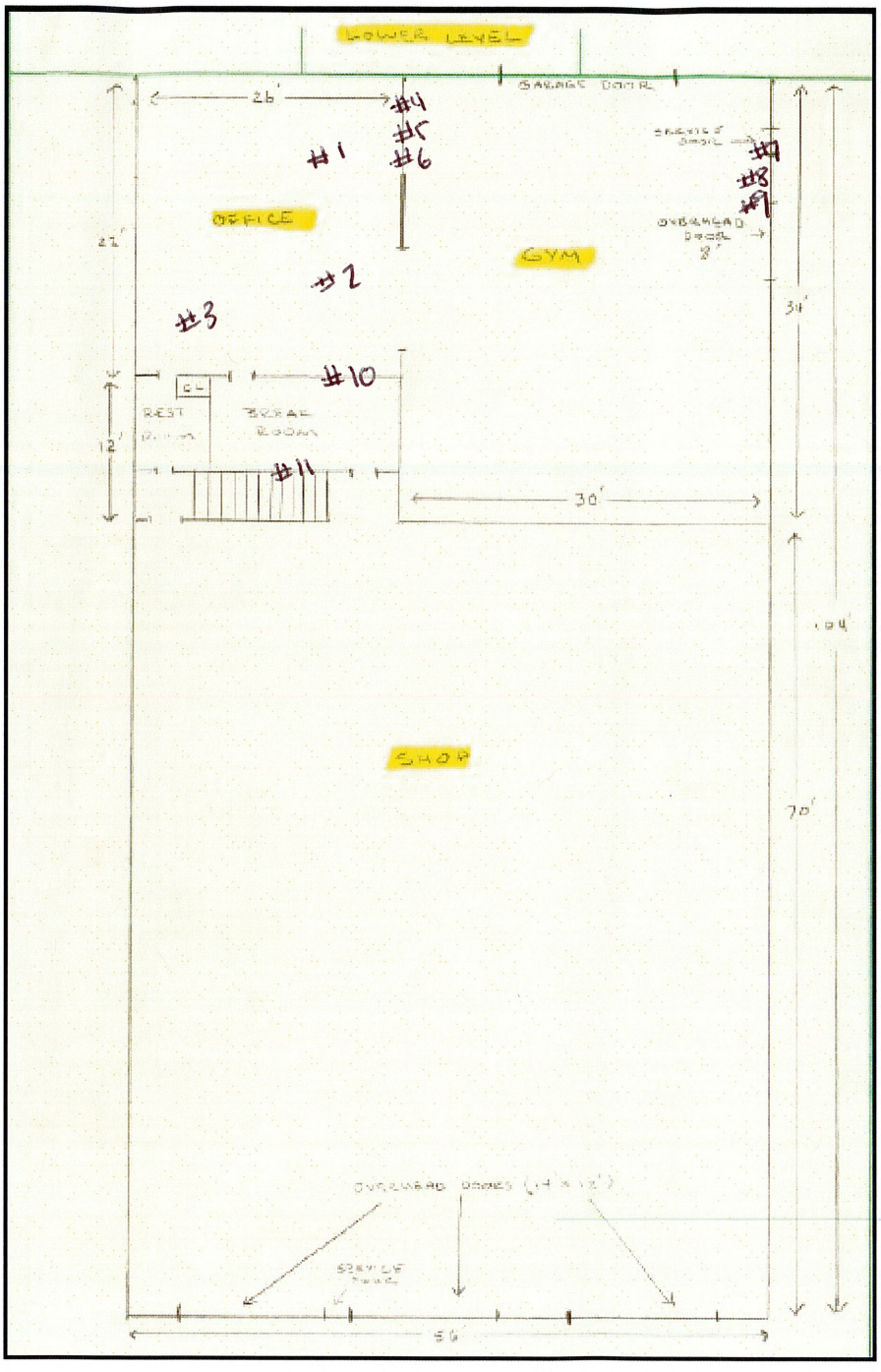


Figure 1: Layout of building 8A

2/2

TREGO, WI ACM
WISDOT
P# 401359
PARCEL 8, BUILDING A
"P8-A"

FIGURE 2 - SAMPLE LOCATIONS

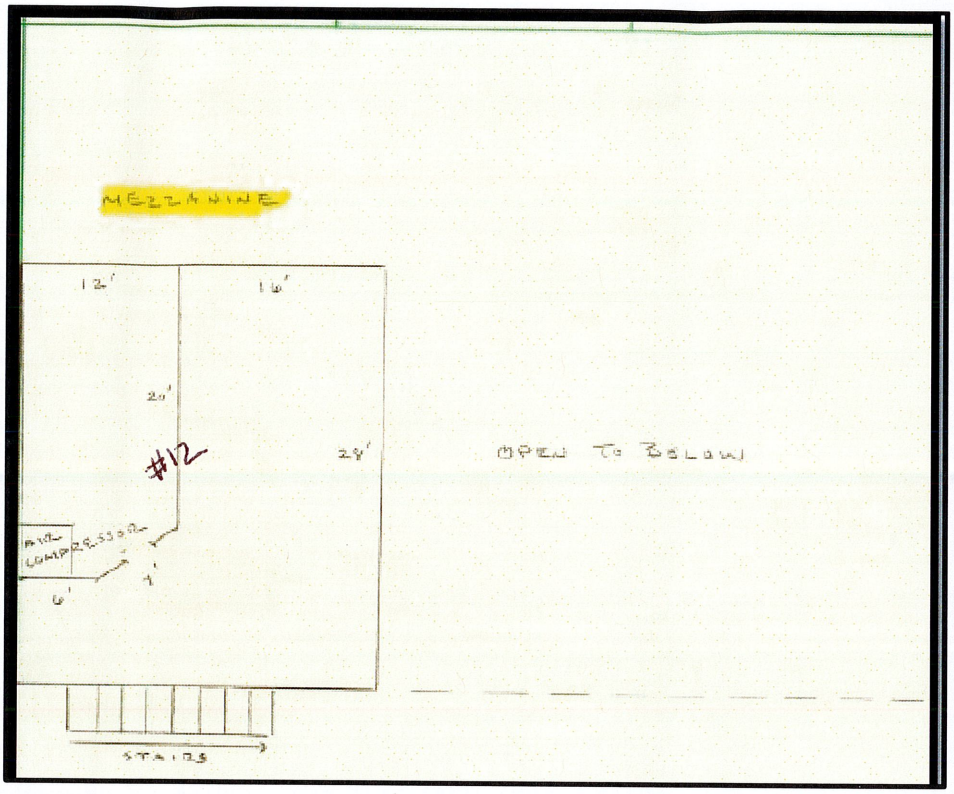


Figure 2: Layout of building 8A

Appendix A: Photographs

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	W5737 CTH E, Parcel 8, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
1	7/17/2020

Description
Looking northwest at 8A

Photo No.	Date
2	7/17/2020

Description
Looking southwest at building 8A

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	W5737 CTH E, Parcel 8, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
3	7/17/2020

Description
Looking northeast at 8A

Photo No.	Date
4	7/17/2020

Description
Looking north at backside of 8A

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	W5737 CTH E, Parcel 8, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
5	7/17/2020

Description
Looking northwest at 8A

Photo No.	Date
6	7/17/2020

Description
8A interior room

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	W5737 CTH E, Parcel 8, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
7	7/17/2020

Description
8A interior room

Photo No.	Date
8	7/17/2020

Description
8A interior

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	W5737 CTH E, Parcel 8, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
9	7/17/2020

Description
8A bathroom

Photo No.	Date
10	7/17/2020

Description
8A kitchen

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	W5737 CTH E, Parcel 8, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
11	7/17/2020

Description
8A, interior ceiling tiles, non-detect for ACM

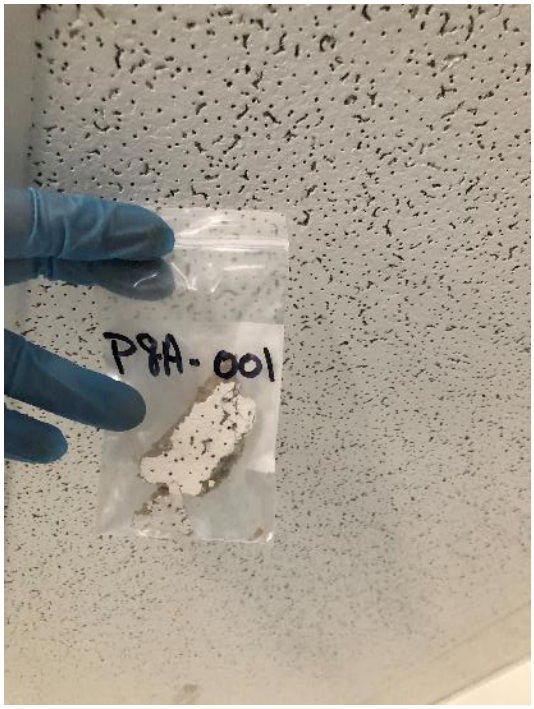


Photo No.	Date
12	7/17/2020

Description
8A, chalkboard in gym area, non-detect for ACM

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	W5737 CTH E, Parcel 8, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
13	7/17/2020

Description
8A, pipe joint compound in gym area, non-detect for ACM

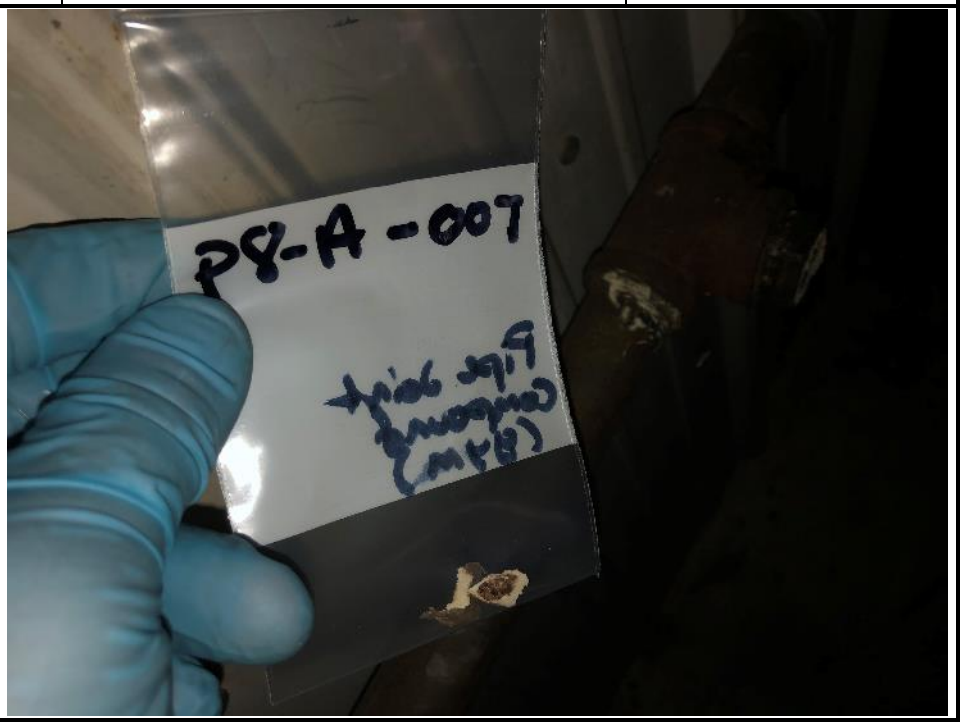
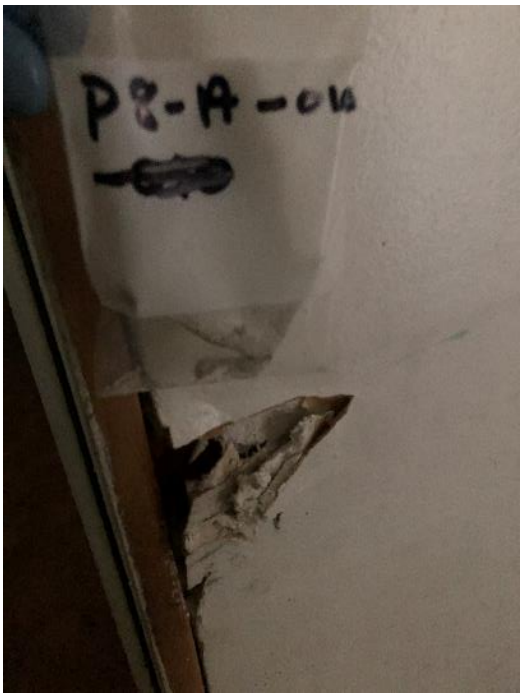


Photo No.	Date
14	7/17/2020

Description
8A, drywall on interior walls, non-detect for ACM



Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	W5737 CTH E, Parcel 8, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
15	7/17/2020

Description
8B outhouse

Photo No.	Date
16	7/17/2020

Description
8B, shingles on outhouse and in debris pile, non-detect for ACM

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	W5737 CTH E, Parcel 8, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
17	7/17/2020

Description
8B, tar paper on outhouse and in debris pile, non-detect for ACM

Photo No.	Date
18	7/17/2020

Description
8B, unknown white fibers in debris pile, non-detect for ACM

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	W5737 CTH E, Parcel 8, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
19	7/17/2020

Description
Burn/debris pile

Photo No.	Date
20	7/17/2020

Description
8C

Photographic Log

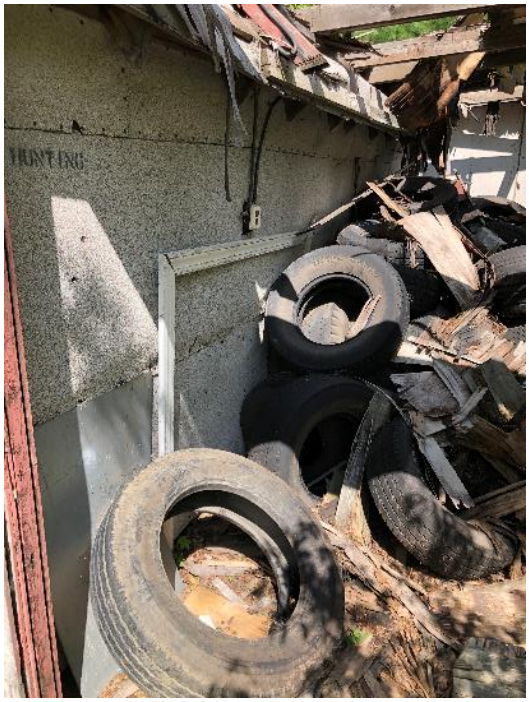
Client Name:	Site Location:	Project No.:
WisDOT	W5737 CTH E, Parcel 8, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
21	7/17/2020

Description
8C

Photo No.	Date
22	7/17/2020

Description
8C



Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	W5737 CTH E, Parcel 8, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
23	7/17/2020

Description
8C, electrical wiring on wall & ceiling, non-detect for ACM

Photo No.	Date
24	7/17/2020

Description
8C, shingle siding on wall, non-detect for ACM

Photographic Log

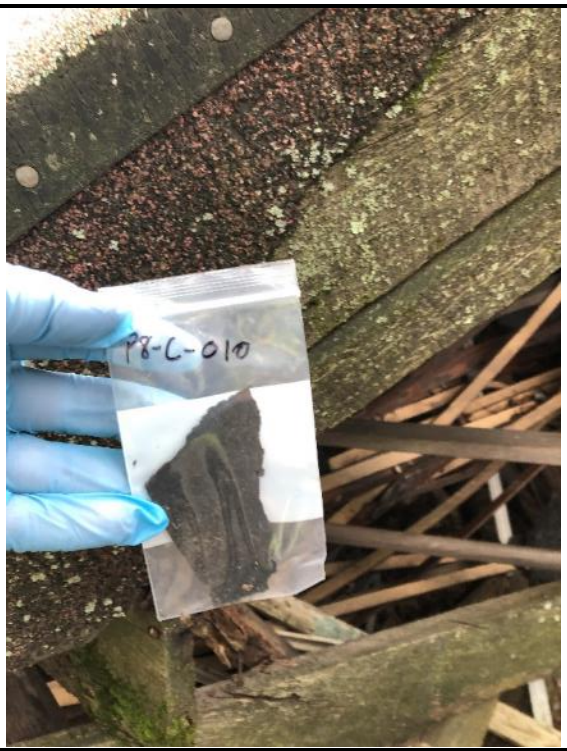
Client Name:	Site Location:	Project No.:
WisDOT	W5737 CTH E, Parcel 8, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
25	7/17/2020

Description
8C, tar paper on roof, non-detect for ACM

Photo No.	Date
26	7/17/2020

Description
8C, shingles on roof, non-detect for ACM



Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	W5737 CTH E, Parcel 8, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
27	7/17/2020

Description
8C, pieces of sheet rock on ground, non-detect for ACM

Photo No.	Date
28	7/17/2020

Description
8D, no suspect ACM identified

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	W5737 CTH E, Parcel 8, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
29	7/17/2020

Description
8E, shingle siding on exterior wall, non-detect for ACM

Photo No.	Date
30	7/17/2020

Description
8E, felt paper and shingles on roof, non-detect for ACM

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	W5737 CTH E, Parcel 8, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
31	7/17/2020

Description
8F

Photo No.	Date
32	7/17/2020

Description
8F, shingles on roof, non-detect for ACM

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	W5737 CTH E, Parcel 8, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
33	7/17/2020

Description
8G

Photo No.	Date
34	7/17/2020

Description
8G, interior lower level

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	W5737 CTH E, Parcel 8, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
35	7/17/2020

Description
8G, interior upper level

Photo No.	Date
36	7/17/2020

Description
8G, exterior wall

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	W5737 CTH E, Parcel 8, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
37	7/17/2020

Description
8G, electrical wiring on interior walls & ceiling, non-detect for ACM

Photo No.	Date
38	7/17/2020

Description
8G, caulk around window exterior, non-detect for ACM

Photographic Log

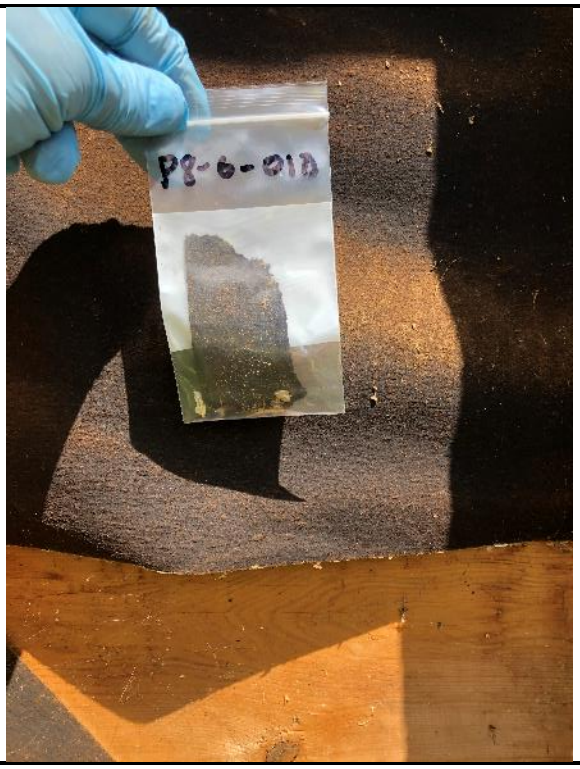
Client Name:	Site Location:	Project No.:
WisDOT	W5737 CTH E, Parcel 8, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
39	7/17/2020

Description
8G, shingles on roof, non-detect for ACM

Photo No.	Date
40	7/17/2020

Description
8G, felt paper on exterior wall, non-detect for ACM



Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	W5737 CTH E, Parcel 8, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
41	7/17/2020

Description
8G, spray insulation in wall, non-detect for ACM

Appendix B: Laboratory Analytical Results

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

BULK ASBESTOS ANALYSIS REPORT

CLIENT: Wisconsin Department of Transportation

Lab Log #: 0055416
Project #: 401359.0000.0000
Date Received: 07/22/2020
Date Analyzed: 07/22/2020

Site: Parcel 8, Trego, WI

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
P8-A-001	White/Grey (ceiling tile)	Yes	No	- -	10% 80%	cellulose mineral wool	ND	None
P8-A-002	White/Grey (ceiling tile)	Yes	No	- -	10% 80%	cellulose mineral wool	ND	None
P8-A-003	White/Grey (ceiling tile)	Yes	No	- -	10% 80%	cellulose mineral wool	ND	None
P8-A-004	Light Grey (drywall)	Yes	No	- -	2%	cellulose	ND	None
P8-A-005	Light Grey (drywall)	Yes	No	- -	2%	cellulose	ND	None
P8-A-006	Light Grey (drywall)	Yes	No	- -	2%	cellulose	ND	None
P8-A-007	White (pipe joint compound)	Yes	No	- -		- - -	ND	None
P8-A-008	White (pipe joint compound)	Yes	No	- -		- - -	ND	None
P8-A-009	White (pipe joint compound)	Yes	No	- -		- - -	ND	None
P8-A-010	White (drywall)	Yes	No	- -	2%	cellulose	ND	None
P8-A-011	White (drywall)	Yes	No	- -	2%	cellulose	ND	None
P8-A-012	White (joint compound)	No	Yes	1		- - -	ND	None
P8-A-012	White (drywall)	No	Yes	2	2%	cellulose	ND	None

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type

Reporting limit- asbestos present at 1%
ND - asbestos was not detected
Trace - asbestos was observed at level of less than 1%
NA/PS - Not Analyzed / Positive Stop
SNA- Sample Not Analyzed- See Chain of Custody for details

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2020. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2020. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

Analyzed by: K. Williamson — Kathleen Williamson, Laboratory Manager

Reviewed by: Cathryn Lemire — Cathryn Lemire, Approved Signatory

Date Issued
07/23/2020

Edition: January 2020

Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 55416

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
401359	WisDOT – Trego, WI		PLM: 8hr 24hr X 48hr 3day
			TEM: 24hr 48hr 3day 5day
SIGNATURE	INSPECTOR: Tom Perkins (AII-252595)		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
P8-A-001	7/17/20	1330		x	Ceiling	x		x			Ceiling tile
P8-A-002	7/17/20	1331		x	Ceiling	x		x			Ceiling tile
P8-A-003	7/17/20	1332		x	Ceiling	x		x			Ceiling tile
P8-A-004	7/17/20	1335		x	Gym wall/chalkboard	x		x			Plaster/drywall
P8-A-005	7/17/20	1336		x	Gym wall/chalkboard	x		x			Plaster/drywall
P8-A-006	7/17/20	1337		x	Gym wall/chalkboard	x		x			Plaster/drywall
P8-A-007	7/17/20	1340		x	Gym piping	x		x			Pipe joint compound
P8-A-008	7/17/20	1341		x	Gym piping	x		x			Pipe joint compound
P8-A-009	7/17/20	1342		x	Gym piping	x		x			Pipe joint compound
P8-A-010	7/17/20	1345		x	Building walls	x		x			Drywall
P8-A-011	7/17/20	1346		x	Building walls	x		x			Drywall
P8-A-012	7/17/20	1347		x	Building walls	x		x			Drywall

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	7/20/2020	7/22/20			
(Printed) Tom W. Perkins	Time: 1900	(Printed) Kathleen Williamson 0830	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples:
Acceptable: Yes ✓ No
Comments:

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

BULK ASBESTOS ANALYSIS REPORT

CLIENT: Wisconsin Department of Transportation

Lab Log #: 0055421
Project #: 401359.0000.0000
Date Received: 07/22/2020
Date Analyzed: 07/23/2020

Site: Parcel 8, Trego, WI

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
P8-B-001	Black/Green (shingle)	Yes	No	- -	60%	cellulose	ND	None
P8-B-002	Black/Red/Green (shingle)	Yes	No	- -	60%	cellulose	ND	None
P8-B-003	Black/Green (shingle)	Yes	No	- -	60%	cellulose	ND	None
P8-B-004	Black (tar paper)	Yes	No	- -	60%	cellulose	ND	None
P8-B-005	Black (tar paper)	Yes	No	- -	60%	cellulose	ND	None
P8-B-006	Black (tar paper)	Yes	No	- -	60%	cellulose	ND	None
P8-B-007	White (fibers)	Yes	No	- -	99%	fibrous glass	ND	None
P8-B-008	White (fibers)	Yes	No	- -	99%	fibrous glass	ND	None
P8-B-009	White (fibers)	Yes	No	- -	99%	fibrous glass	ND	None

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POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type

Reporting limit- asbestos present at 1%
ND - asbestos was not detected
Trace - asbestos was observed at level of less than 1%
NA/PS - Not Analyzed / Positive Stop
SNA- Sample Not Analyzed- See Chain of Custody for details

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2020. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2020. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

Analyzed by: K. Williamson — Kathleen Williamson, Laboratory Manager

Reviewed by: Cathryn Lemire — Cathryn Lemire, Approved Signatory

Date Issued 07/24/2020

Edition: January 2020

Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 55421

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
401359	WisDOT – Trego, WI		PLM: 8hr 24hr X 48hr 3day
			TEM: 24hr 48hr 3day 5day
SIGNATURE	INSPECTOR		
	Tom Perkins (AII-252595)		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
P8-B-001	7/17/20	1400		x	Outhouse roof	x		x			Shingles
P8-B-002	7/17/20	1401		x	Debris/burn pile	x		x			Shingles
P8-B-003	7/17/20	1402		x	Debris/burn pile	x		x			Shingles
P8-B-004	7/17/20	1403		x	Outhouse	x		x			Tar paper
P8-B-005	7/17/20	1404		x	Debris/burn pile	x		x			Tar paper
P8-B-006	7/17/20	1405		x	Debris/burn pile	x		x			Tar paper
P8-B-007	7/17/20	1406		x	Debris/burn pile	x		x			Unknown white fibers
P8-B-008	7/17/20	1407		x	Debris/burn pile	x		x			Unknown white fibers
P8-B-009	7/17/20	1408		x	Debris/burn pile	x		x			Unknown white fibers

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	7/20/2020	7/22/20			
(Printed)	Time:	(Printed)	(Printed)	Time:	(Printed)
Tom W. Perkins	1900	Kathleen Williamson 0830			
Remarks:		Condition of Samples: Acceptable: Yes ✓ No ____ Comments:			

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

BULK ASBESTOS ANALYSIS REPORT

CLIENT: Wisconsin Department of Transportation

Lab Log #: 0055417
Project #: 401359.0000.0000
Date Received: 07/22/2020
Date Analyzed: 07/23/2020

Site: Parcel 8, Trego, WI

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
P8-C-001	Black/Beige (wiring)	Yes	No	- -	40% 40%	cellulose synthetic fiber	ND	None
P8-C-002	Black/Beige (wiring)	Yes	No	- -	40% 40%	cellulose synthetic fiber	ND	None
P8-C-003	Black/Beige (wiring)	Yes	No	- -	40% 40%	cellulose synthetic fiber	ND	None
P8-C-004	Black/White/Green/Red/Tan (shingle siding)	Yes	No	- -	60%	cellulose	ND	None
P8-C-005	Black/White/Green/Red/Tan (shingle siding)	Yes	No	- -	60%	cellulose	ND	None
P8-C-006	Black/White/Green/Red/Tan (shingle siding)	Yes	No	- -	60%	cellulose	ND	None
P8-C-007	Black (tar paper)	Yes	No	- -	80%	cellulose	ND	None
P8-C-008	Black (tar paper)	Yes	No	- -	80%	cellulose	ND	None
P8-C-009	Black (tar paper)	Yes	No	- -	80%	cellulose	ND	None
P8-C-010	Black/Red (shingle)	Yes	No	- -	60%	cellulose	ND	None
P8-C-011	Black/Green (shingle)	Yes	No	- -	60%	cellulose	ND	None
P8-C-012	Black/Red/Green/White (shingle)	Yes	No	- -	60%	cellulose	ND	None
P8-C-013	White (sheetrock)	Yes	No	- -		- - -	ND	None
P8-C-014	White (sheetrock)	Yes	No	- -		- - -	ND	None
P8-C-015	White (sheetrock)	Yes	No	- -		- - -	ND	None

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type

Reporting limit- asbestos present at 1%
ND - asbestos was not detected
Trace - asbestos was observed at level of less than 1%
NA/PS - Not Analyzed / Positive Stop
SNA- Sample Not Analyzed- See Chain of Custody for details

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

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Analyzed by: K. Williamson — Kathleen Williamson, Laboratory Manager

Reviewed by: Cathryn Lemire — Cathryn Lemire, Approved Signatory

Date Issued
07/24/2020

Edition: January 2020

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WINDSOR, CONNECTICUT 06095
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FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 55417

PROJECT NUMBER	PROJECT NAME	TURNAROUND TIME
401359	WisDOT – Trego, WI	PLM: 8hr 24hr X 48hr 3day
		TEM: 24hr 48hr 3day 5day
SIGNATURE	INSPECTOR: Tom Perkins (AII-252595)	

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PARAMETERS: PLM EPA 600/R93/116 (POSITIVE STOP)	PARAMETERS: PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	PARAMETERS: ANALYZE BY LAYER	PARAMETERS: POINT COUNT (IF >1% & <10%)	PARAMETERS: TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
P8-C-001	7/17/20	1430		x	Building wall and ceiling	x		x			Wiring
P8-C-002	7/17/20	1431		x	Building wall and ceiling	x		x			Wiring
P8-C-003	7/17/20	1432		x	Building wall and ceiling	x		x			Wiring
P8-C-004	7/17/20	1433		x	Building walls	x		x			Shingle siding
P8-C-005	7/17/20	1434		x	Building walls	x		x			Shingle siding
P8-C-006	7/17/20	1435		x	Building walls	x		x			Shingle siding
P8-C-007	7/17/20	1436		x	Roof	x		x			Tar paper
P8-C-008	7/17/20	1437		x	Roof	x		x			Tar paper
P8-C-009	7/17/20	1438		x	Roof	x		x			Tar paper
P8-C-010	7/17/20	1439		x	Roof	x		x			Shingles
P8-C-011	7/17/20	1440		x	Roof	x		x			Shingles
P8-C-012	7/17/20	1441		x	Roof	x		x			Shingles
P8-C-013	7/17/20	1442		x	Interior, piled on ground	x		x			Sheet rock
P8-C-014	7/17/20	1443		x	Interior, piled on ground	x		x			Sheet rock
P8-C-015	7/17/20	1444		x	Interior, piled on ground	x		x			Sheet rock

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
T. R	7/20/2020	7/22/20			
(Printed) Tom W. Perkins	Time: 1900	(Printed) Kathleen Williamson 0830	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples:
Acceptable: Yes ✓ No
Comments:

ID 11197-00-20, Parcel 8

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

BULK ASBESTOS ANALYSIS REPORT

CLIENT: Wisconsin Department of Transportation

Lab Log #: 0055418
Project #: 401359.0000.0000
Date Received: 07/22/2020
Date Analyzed: 07/23/2020

Site: Parcel 8, Trego, WI

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
P8-E-001	Black (shingle siding)	Yes	No	- -	60%	cellulose	ND	None
P8-E-002	Black (shingle siding)	Yes	No	- -	60%	cellulose	ND	None
P8-E-003	Black (shingle siding)	Yes	No	- -	60%	cellulose	ND	None
P8-E-004	Black (felt paper)	Yes	No	- -	30%	fibrous glass	ND	None
P8-E-005	Black (felt paper)	Yes	No	- -	30%	fibrous glass	ND	None
P8-E-006	Black (felt paper)	Yes	No	- -	30%	fibrous glass	ND	None
P8-E-007	Black/Green (shingle)	Yes	No	- -	60%	cellulose	ND	None
P8-E-008	Black/Green (shingle)	Yes	No	- -	60%	cellulose	ND	None
P8-E-009	Black/Green (shingle)	Yes	No	- -	60%	cellulose	ND	None

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type

Reporting limit- asbestos present at 1%
ND - asbestos was not detected
Trace - asbestos was observed at level of less than 1%
NA/PS - Not Analyzed / Positive Stop
SNA- Sample Not Analyzed- See Chain of Custody for details

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2020. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2020. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

Analyzed by: K. Williamson — Kathleen Williamson, Laboratory Manager

Reviewed by: Cathryn Lemire, Approved Signatory

Date Issued 07/24/2020

Edition: January 2020

Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 55418

PROJECT NUMBER	PROJECT NAME
401359	WisDOT – Trego, WI

SIGNATURE	INSPECTOR
	Tom Perkins (AII-252595)

PARAMETERS

TURNAROUND TIME

PLM:		8hr		24hr	X	48hr		3day
TEM:		24hr		48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
P8-E-001	7/17/20	1545		x	Exterior walls	x		x			Shingle siding
P8-E-002	7/17/20	1546		x	Exterior walls	x		x			Shingle siding
P8-E-003	7/17/20	1547		x	Exterior walls	x		x			Shingle siding
P8-E-004	7/17/20	1548		x	Roof	x		x			Felt paper
P8-E-005	7/17/20	1549		x	Roof	x		x			Felt paper
P8-E-006	7/17/20	1550		x	Roof	x		x			Felt paper
P8-E-007	7/17/20	1551		x	Roof	x		x			Shingles
P8-E-008	7/17/20	1552		x	Roof	x		x			Shingles
P8-E-009	7/17/20	1553		x	Roof	x		x			Shingles

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	7/20/20	7/22/20			
(Printed) Tom C. Perkins	Time: 1900	(Printed) 0830 Williamson	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples:
Acceptable: Yes ✓ No
Comments:

ID 1197-00-20, Parcel 8

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

BULK ASBESTOS ANALYSIS REPORT

CLIENT: Wisconsin Department of Transportation

Lab Log #:	0055425
Project #:	401359.0000.0000
Date Received:	07/22/2020
Date Analyzed:	07/22/2020

Site: Parcel 8, Trego, WI

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
P8-F-001	Black/Red/Green (shingle)	Yes	No	- -	60%	cellulose	ND	None
P8-F-002	Black/Green (shingle)	Yes	No	- -	60%	cellulose	ND	None
P8-F-003	Black/Green/Blue/Tan (shingle)	Yes	No	- -	60%	cellulose	ND	None

Reporting limit- asbestos present at 1%
ND - asbestos was not detected
Trace - asbestos was observed at level of less than 1%
NA/PS - Not Analyzed / Positive Stop
SNA- Sample Not Analyzed- See Chain of Custody for details

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2020. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2020. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

Analyzed by: K. Williamson — Kathleen Williamson, Laboratory Manager

Reviewed by: Cathryn Lemire — Cathryn Lemire, Approved Signatory

Date Issued 07/23/2020

Edition: January 2020

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 55425

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
401359	WisDOT – Trego, WI		PLM: 8hr 24hr X 48hr 3day
			TEM: 24hr 48hr 3day 5day
SIGNATURE	INSPECTOR		
	Tom Perkins (AII-252595)		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
P8-F-001	7/17/20	1415		x	Building roof	x		x			Shingles
P8-F-002	7/17/20	1416		x	Building roof	x		x			Shingles
P8-F-003	7/17/20	1417		x	Building roof	x		x			Shingles

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
Z. R	7/20/2020	7/22/20			
(Printed) Tom W. Perkins	Time: 1900	(Printed) Kathleen Williamson 0830	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples:
Acceptable: Yes_____ No _____
Comments:

ID 1197-00-20, Parcel 8

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

BULK ASBESTOS ANALYSIS REPORT

CLIENT: Wisconsin Department of Transportation

Lab Log #: 0055419
Project #: 401359.0000.0000
Date Received: 07/22/2020
Date Analyzed: 07/23/2020

Site: Parcel 8, Trego, WI

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
P8-G-001	Black (wiring)	Yes	No	- -	80% 10%	cellulose fibrous glass	ND	None
P8-G-002	Black (wiring)	Yes	No	- -	80% 10%	cellulose fibrous glass	ND	None
P8-G-003	Black (wiring)	Yes	No	- -	80% 10%	cellulose fibrous glass	ND	None
P8-G-004	White (window caulk)	Yes	No	- -		- - -	ND	None
P8-G-005	White (window caulk)	Yes	No	- -		- - -	ND	None
P8-G-006	White (window caulk)	Yes	No	- -		- - -	ND	None
P8-G-007	Black/ Green (shingle)	Yes	No	- -	30%	cellulose	ND	None
P8-G-008	Black/ Green (shingle)	Yes	No	- -	30%	cellulose	ND	None
P8-G-009	Black/ Green (shingle)	Yes	No	- -	30%	cellulose	ND	None
P8-G-010	Black (felt paper)	Yes	No	- -	80%	cellulose	ND	None
P8-G-011	Black (felt paper)	Yes	No	- -	80%	cellulose	ND	None
P8-G-012	Black (felt paper)	Yes	No	- -	80%	cellulose	ND	None
P8-G-013	Brown (spray insulation)	Yes	No	- -	60% 10%	cellulose fibrous glass	ND	None
P8-G-014	Brown (spray insulation)	Yes	No	- -	60% 10%	cellulose fibrous glass	ND	None
P8-G-015	Brown (spray insulation)	Yes	No	- -	60% 10%	cellulose fibrous glass	ND	None

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Windsor, CT 06095
(860) 298-6308

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type

Reporting limit- asbestos present at 1%
ND - asbestos was not detected
Trace - asbestos was observed at level of less than 1%
NA/PS - Not Analyzed / Positive Stop
SNA- Sample Not Analyzed- See Chain of Custody for details

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2020. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2020. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

Analyzed by: K. Williamson — Kathleen Williamson, Laboratory Manager

Reviewed by: Cathryn Lemire — Cathryn Lemire, Approved Signatory

Date Issued
07/24/2020

Edition: January 2020

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TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 55419

PROJECT NUMBER	PROJECT NAME
401359	WisDOT – Trego, WI

SIGNATURE	INSPECTOR
[signature]	Tom Perkins (AII-252595)

PARAMETERS

TURNAROUND TIME

PLM:		8hr		24hr	X	48hr		3day
TEM:		24hr		48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
P8-G-001	7/17/20	1515		x	Interior, ceiling and walls	x		x			Wiring
P8-G-002	7/17/20	1516		x	Interior, ceiling and walls	x		x			Wiring
P8-G-003	7/17/20	1517		x	Interior, ceiling and walls	x		x			Wiring
P8-G-004	7/17/20	1518		x	Exterior windows	x		x			Window caulk
P8-G-005	7/17/20	1519		x	Exterior windows	x		x			Window caulk
P8-G-006	7/17/20	1520		x	Exterior windows	x		x			Window caulk
P8-G-007	7/17/20	1521		x	Roof	x		x			Shingles
P8-G-008	7/17/20	1522		x	Roof	x		x			Shingles
P8-G-009	7/17/20	1523		x	Roof	x		x			Shingles
P8-G-010	7/17/20	1524		x	Exterior walls	x		x			Felt paper
P8-G-011	7/17/20	1525		x	Exterior walls	x		x			Felt paper
P8-G-012	7/17/20	1526		x	Exterior walls	x		x			Felt paper
P8-G-013	7/17/20	1527		x	Interior of walls	x		x			Spray insulation
P8-G-014	7/17/20	1528		x	Interior of walls	x		x			Spray insulation
P8-G-015	7/17/20	1529		x	Interior of walls	x		x			Spray insulation

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	7/20/20	[signature] 7/21/20			
(Printed) Tom C. Perkins	Time: 1900	(Printed) 0830 [signature]	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples:
Acceptable: Yes ✓ No
Comments:

ID 1197-00-20, Parcel 8

Exhibits

ID: 1197-00-20 – Parcel 11

Removal, Grading, Backfill

Location Map

Photos

Asbestos Inspection Report

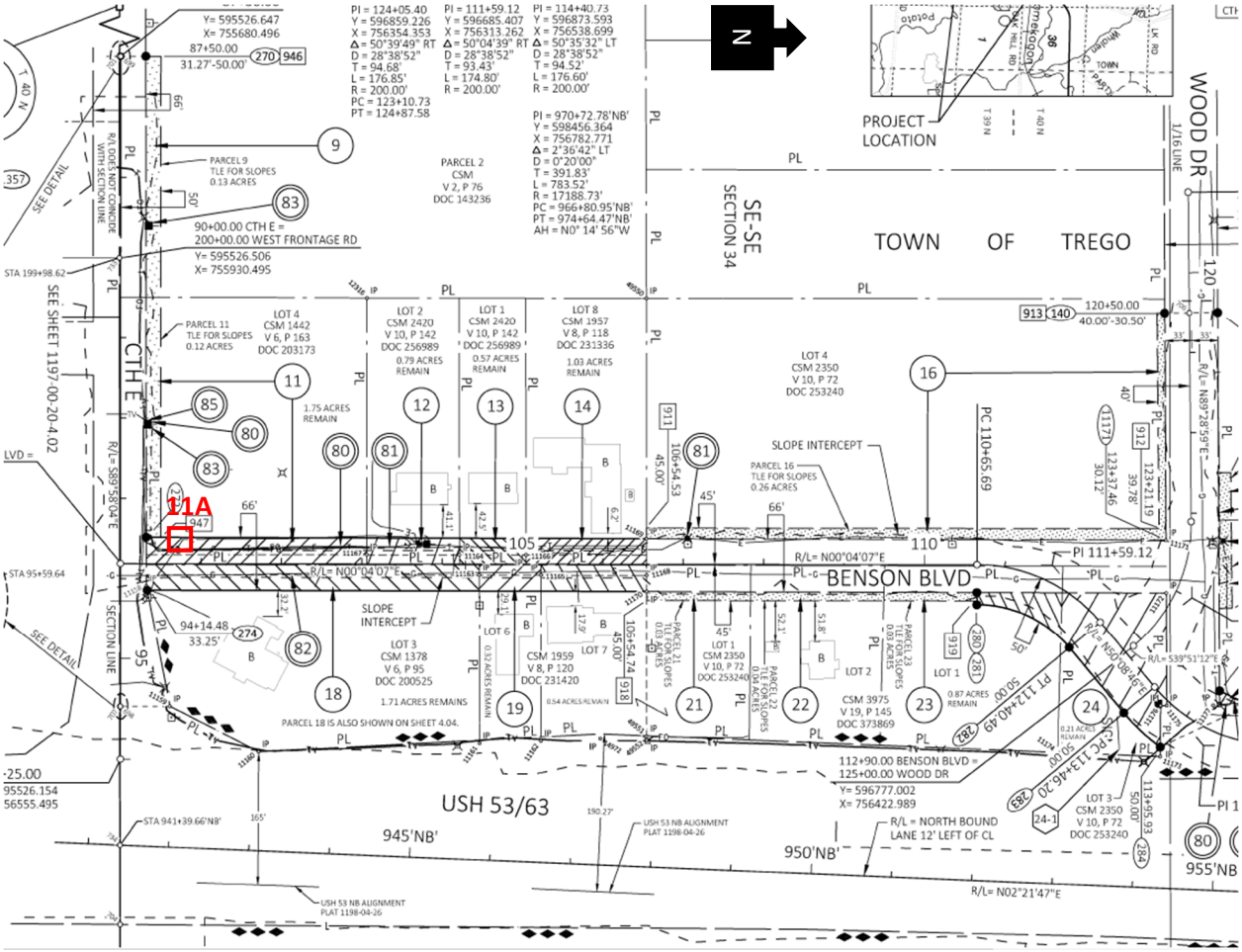
Remove: Parcel 11:

This parcel includes one sign.

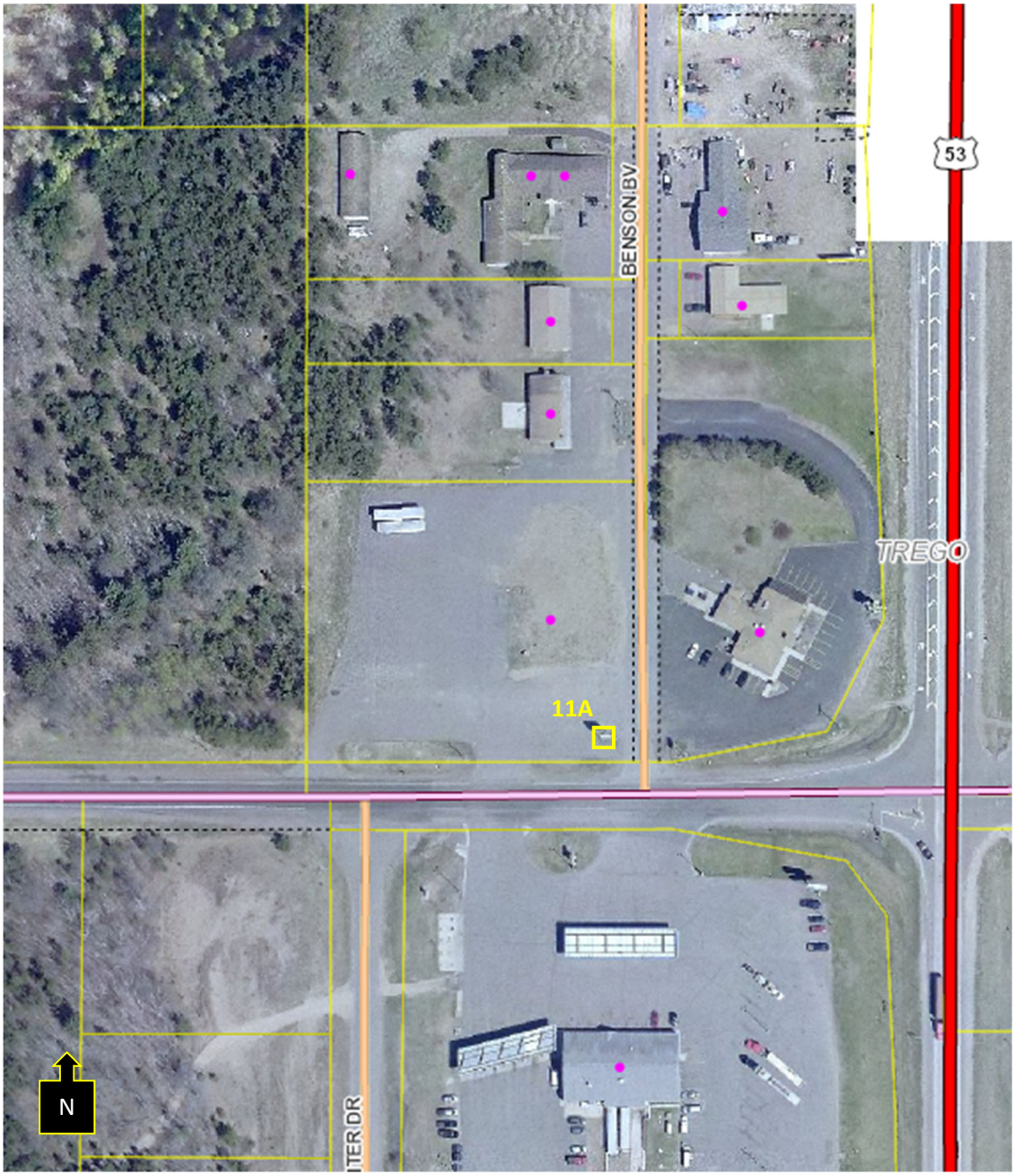
Improvement 11A:
A double pole illuminated pylon sign with a double-faced aluminum cabinet.

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

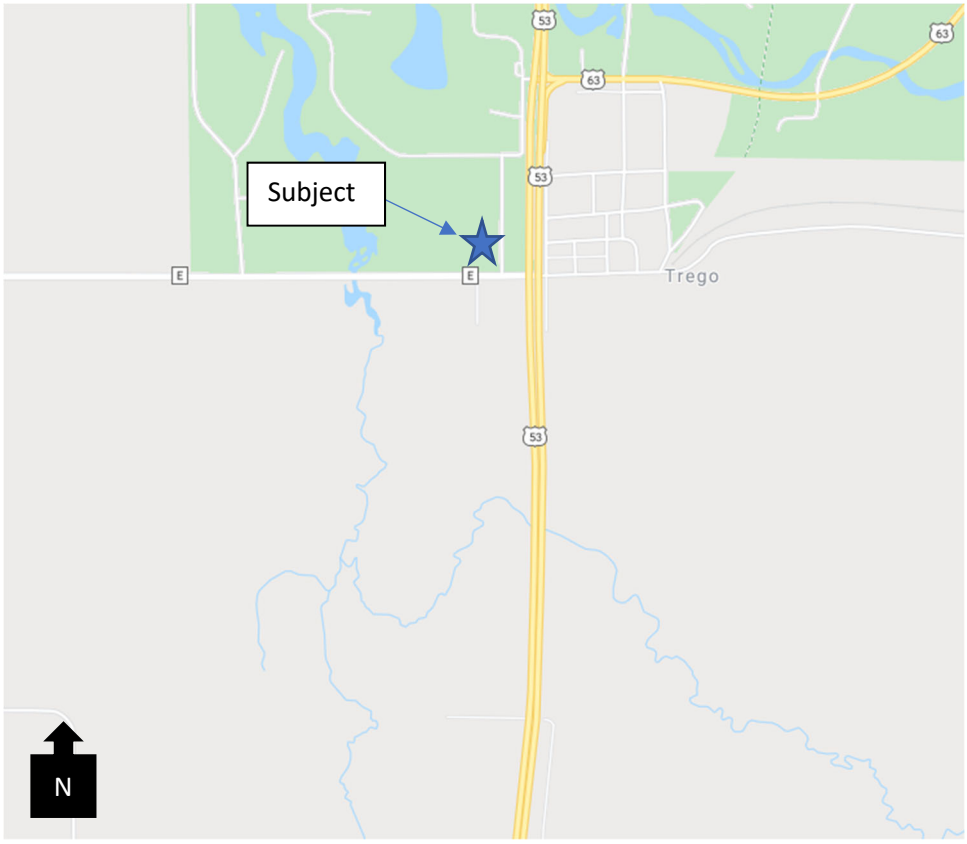
Backfill: Reference subsection 204.3.1.2 of the Standard Specifications, Septic Tank-Granular Material; Well-Concrete or other Material Acceptable to Wisconsin Department of Natural Resources.

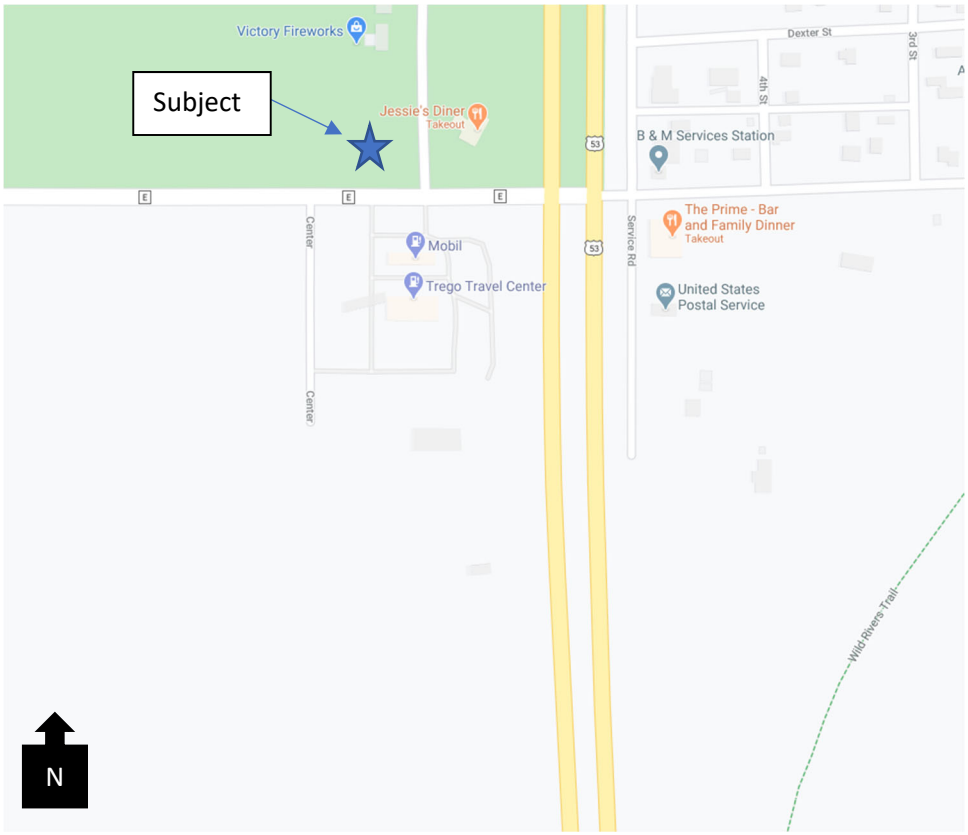


ID: 1197-00-20, Parcel 11



ID: 1197-00-20, Parcel 11





ID: 1197-00-20, Parcel 11

Figure1: Improvement 11A, View of South Side

708 Heartland Trl.
Suite 3000
Madison, WI 53717

T 608.826.3600
TRCcompanies.com

Asbestos Inspection and Pre-Demolition Reconnaissance Report

WisDOT Project ID: 1197-00-20
Project Name: Parcel 11, ICO Sign
Location: W5734 CTH E
City/County: Trego, Washburn County
TRC Project Number: 401359.0000.0000
Date Inspected: July 17, 2020
Inspected By/License Number: Thomas Perkins, AII-252595

Background

WisDOT has acquired Parcel 11 located at W5734 CTH E in Trego, Washburn County. The property contains one ICO sign and asphalt parking lot that will be removed and the site cleared.

TRC Environmental Corporation (TRC) has been contracted by the WisDOT to perform an asbestos-containing materials (ACM) delineation inspection of the property, in order to identify asbestos that must be removed prior to demolition of the sign.

ACM Inspection

The inspection to identify and collect samples of potential ACM was completed following WisDOT standard sampling procedure for bridge inspections found in FDM 21-5.

The following samples collected were analyzed by TRC Solutions, Inc. (TRC) in Windsor, Connecticut. Samples were analyzed on a 2 day turnaround basis using polarized light microscopy (PLM) with dispersion staining techniques.

Sample Number	Sample Description	Sample Location	Analytical Results and Method	Friable/ Non-friable or No ACM	Quantity of ACM Material
1	Green/brown paint	ICO sign frame	PLM, non-detect	No ACM	0
2	Green/brown paint	ICO sign frame	PLM, non-detect	No ACM	
3	Red/gray paint	ICO sign frame	PLM, non-detect	No ACM	

No potential ACM was identified.

Pre-Demolition Reconnaissance

TRC's pre-demolition reconnaissance of the property did not identify any environmental concerns such as storage tanks or other wastes.

Conclusions

The demolition of the sign and parking lot can proceed as planned.

If you have any questions, please contact me, at (608) 826-3628.

TRC Environmental Corporation

Daniel Haak
Project Manager

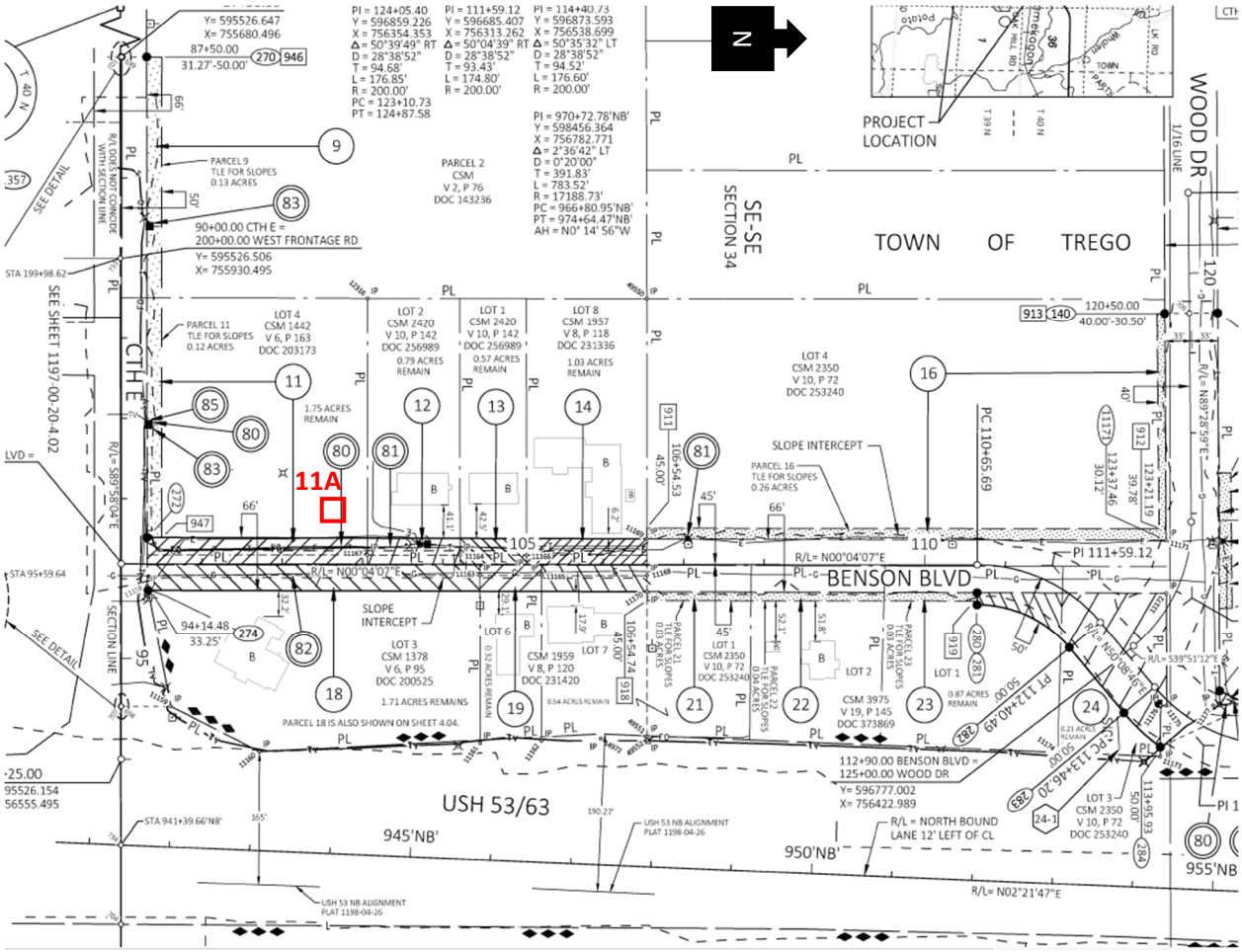
Thomas Perkins
Asbestos Inspector

Attachments: Location Map, Photos, and Laboratory Report

Report Distribution:

Recipient	Electronic (PDF) Copy
BTS-ESS sharlene.tebeest@dot.wi.gov ; DOTHazmatUnit@dot.wi.gov	X (via email)
REC aaron.gustafson@dot.wi.gov	X (via email)
Project Manager aaron.gustafson@dot.wi.gov	X (via email)
Other mbpemberton@correinc.com	X (via email)

FIGURE 1 - SITE LOCATION MAP



ID: 1197-00-20, Parcel 11

Parcel 11

Paint on sign frame

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

BULK ASBESTOS ANALYSIS REPORT

CLIENT: Wisconsin Department of Transportation

Lab Log #:	0055422
Project #:	401359.0000.0000
Date Received:	07/22/2020
Date Analyzed:	07/23/2020

Site: Parcel 11, Trego, WI

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type
P11-001	Green/Brown (paint)	Yes	No	- -	- - -	ND	None
P11-002	Green/Brown (paint)	Yes	No	- -	- - -	ND	None
P11-003	Red/Grey (paint)	Yes	No	- -	- - -	ND	None

Reporting limit- asbestos present at 1%
ND - asbestos was not detected
Trace - asbestos was observed at level of less than 1%
NA/PS - Not Analyzed / Positive Stop
SNA- Sample Not Analyzed- See Chain of Custody for details

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

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Analyzed by: K. Williamson — Kathleen Williamson, Laboratory Manager

Reviewed by: Cathryn Lemire — Cathryn Lemire, Approved Signatory

Date Issued 07/24/2020

Edition: January 2020

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WINDSOR, CONNECTICUT 06095
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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 55422

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
401359	WisDOT – Trego, WI		PLM: [ ] 8hr [ ] 24hr [X] 48hr [ ] 3day
			TEM: [ ] 24hr [ ] 48hr [ ] 3day [ ] 5day
SIGNATURE	INSPECTOR		
	Tom Perkins (AII-252595)		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
P11-001	7/17/20	1300		x	Sign post	x		x			Paint
P11-002	7/17/20	1301		x	Sign post	x		x			Paint
P11-002	7/17/20	1302		x	Sign post	x		x			Paint

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	7/20/2020	7/22/20			
(Printed) Tom W. Perkins	Time: 1900	(Printed) Kathleen Williamson 0830	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples:
Acceptable: Yes ✓ No
Comments:

ID 1197-00-20, Parcel 11

Exhibits

ID: 1197-00-20 – Parcel 29

Removal, Grading, Backfill

Location Map

Photos

Asbestos Inspection Report

Well and Septic Abandonment Report

Remove: Parcel 29:

This parcel includes three building improvements to be removed. In addition, there are some items remaining in the garage and some items in the basement. Should the previous owner not have this removed, it will be made part of this contract and will need to be cleared.

Improvement 29A: Single-family residential home. The exterior of the home has wood siding and roof is asphalt/composite shingles. The home has a total of five rooms with two bedrooms and one full bath above grade. There is a full basement and two small decks. The home has well/septic. The well and septic will need to be removed.

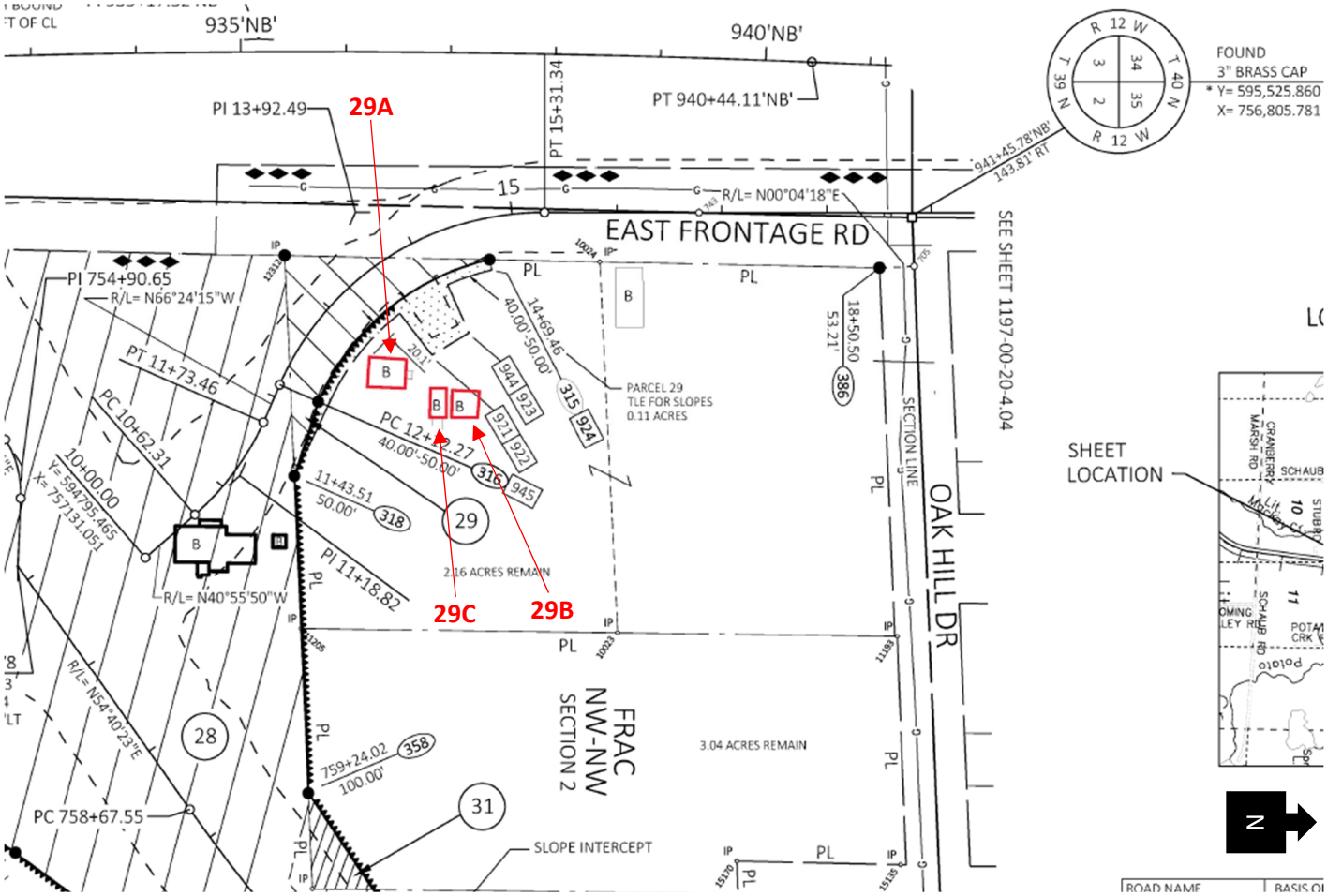
Improvement 29B: Two stall detached garage. The exterior has wood siding and roof is asphalt/composite shingles.

Improvement 29C: One stall detached garage. The exterior has wood siding and roof is asphalt/composite shingles. There is a collapsed metal awning off the back side of the building.

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

Floor Plan – Following Pages

Backfill: Reference subsection 204.3.1.2 of the Standard Specifications, Septic Tank-Granular Material; Well-Concrete or other Material Acceptable to Wisconsin Department of Natural Resources.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940'NB'
PT 940+44.11'NB'
PT 15+31.34
PI 13+92.49
29A
15
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PI 754+90.65
R/L= N66°24'15"W
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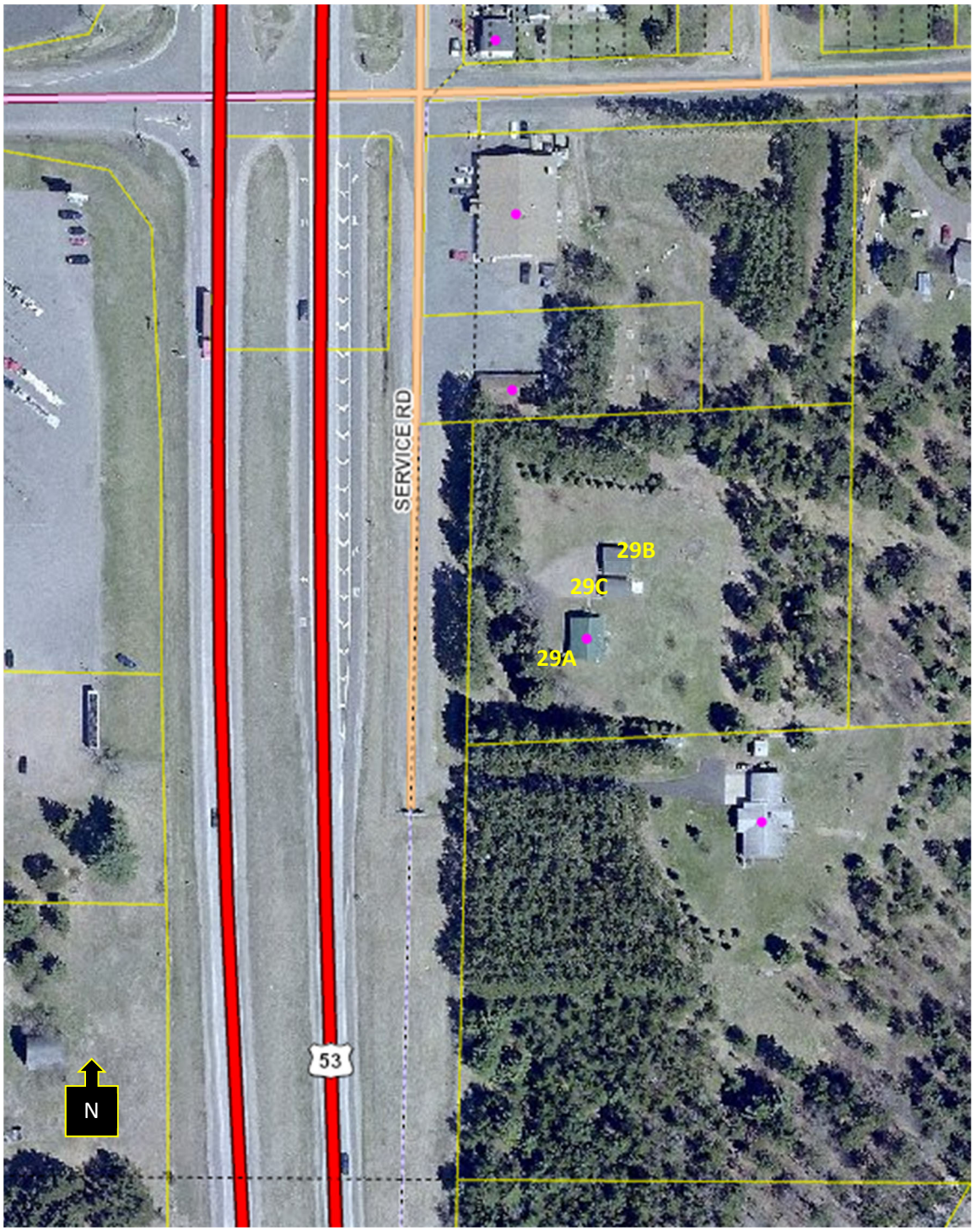
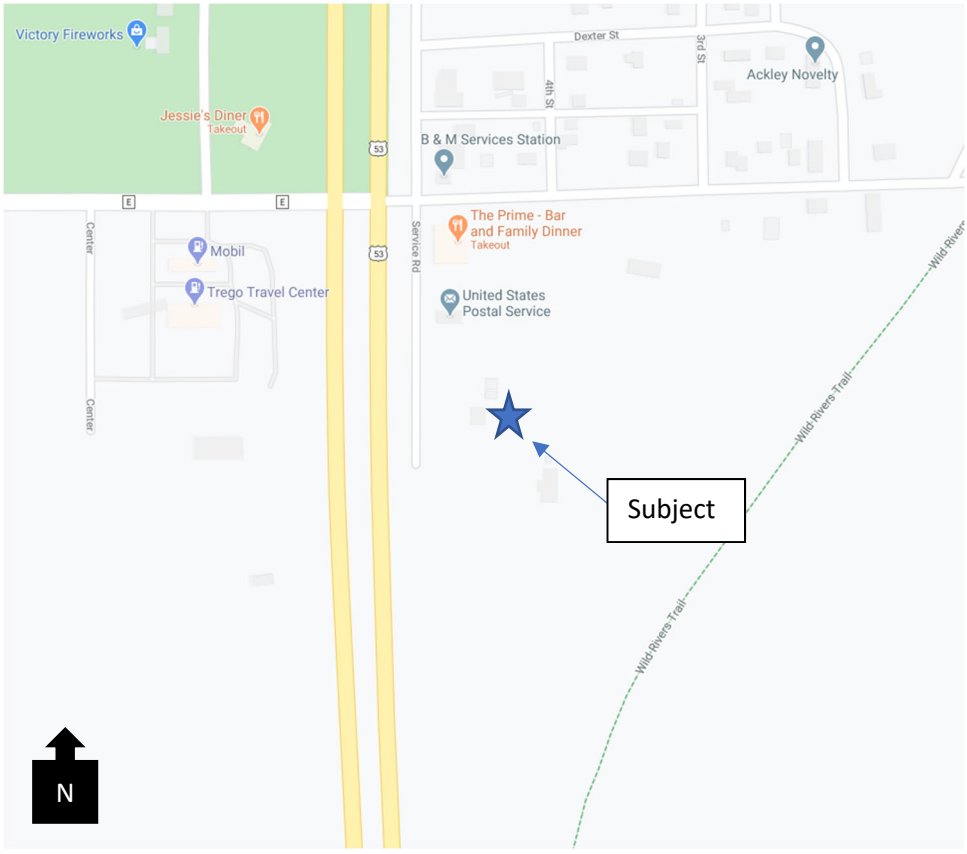
X= 757131.051
R/L= N40°55'50"W
PC 12+42.27
40.00'-50.00'
14+69.46
40.00'-50.00'
11+43.51
50.00'
PI 11+18.82
PARCEL 29
TLE FOR SLOPES
0.11 ACRES
2.16 ACRES REMAIN
29
29C
29B
28
R/L= N54°40'23"E
759+24.02
100.00'
PC 758+67.55
31
SLOPE INTERCEPT
FRAC
NW-NW
SECTION 2
3.04 ACRES REMAIN
OAK HILL DR
SECTION LINE
18+50.50
53.21'
SEE SHEET 1197-00-20-4.04
941+45.78'NB'
143.81' RT
FOUND
3" BRASS CAP
* Y= 595,525.860
X= 756,805.781
SHEET
LOCATION
N



ID: 1197-00-20, Parcel 29



ID: 1197-00-20, Parcel 29

CORRE

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Madison, WI 53719
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JOB _____

SHEET NO. _____ OF _____

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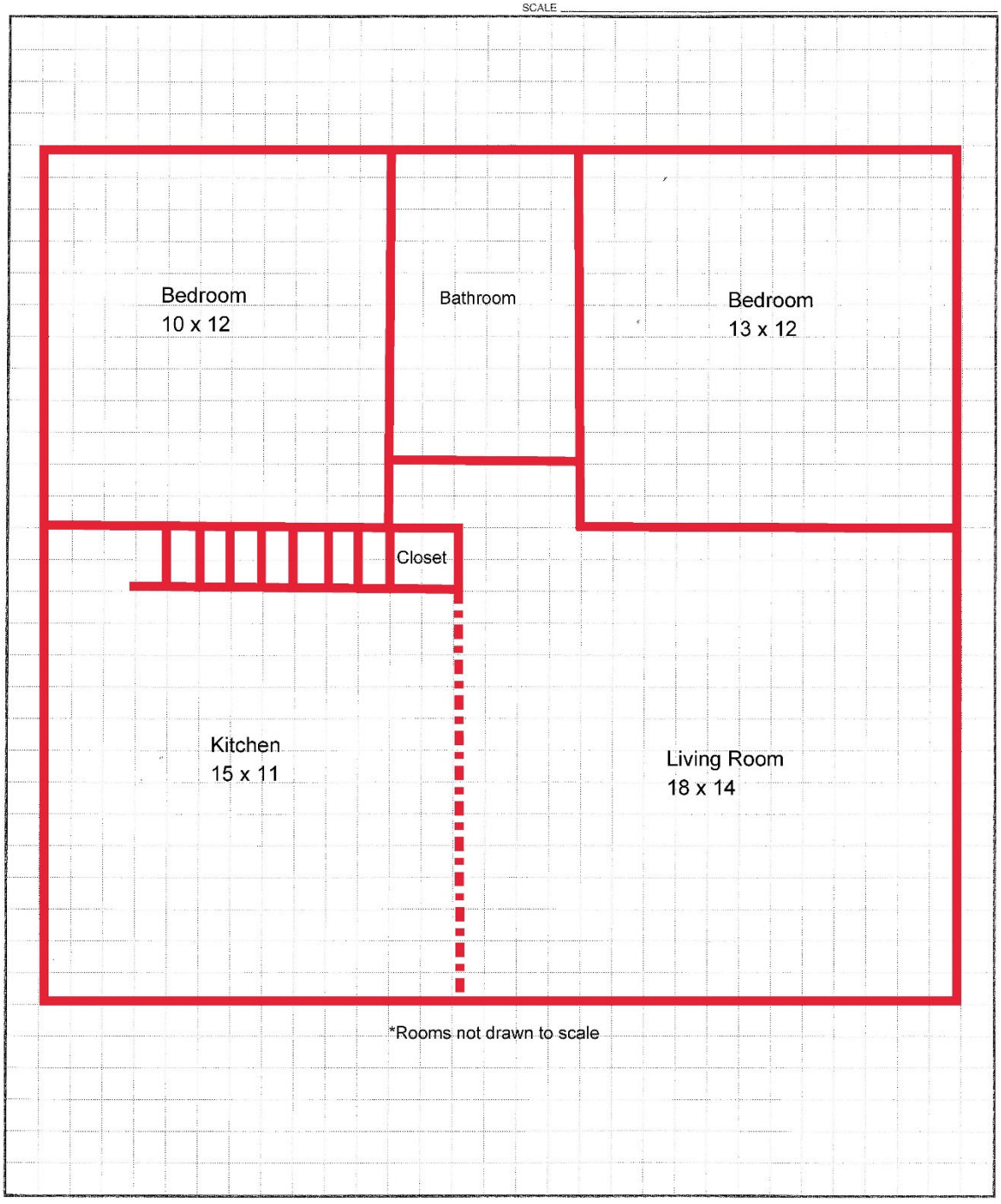
CHECKED BY _____ DATE _____

SCALE _____



PRODUCT 204-1 (Single Sheet) 205-1 (Padded)

Figure 1: Building 29A, View of Northwest Side

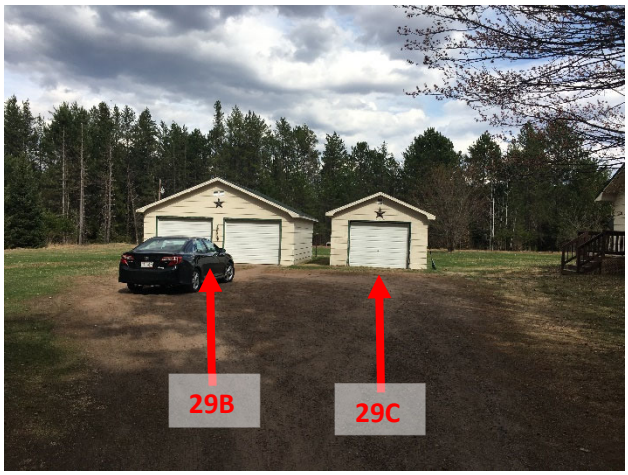


Figure 2: Buildings 29B and 29C, View of West Side

Figure 3: Building 29C, View of East Side

Asbestos-Containing Material and Pre-Demolition Reconnaissance

N7266 Service Road (Parcel 29)
Trego, Washburn County, Wisconsin

July 2020

WisDOT Project #1197-00-20

Prepared For:

Wisconsin Department of Transportation

Prepared By:

TRC
708 Heartland Trail, Suite 3000
Madison, Wisconsin 53717

Thomas Perkins
WDHFS Asbestos Inspector, AII-252595

John Roelke
WDHFS Asbestos Inspector, AII-119523

Daniel Haak, P.E.
Project Manager

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Figure 1: Site Location Map
Figure 2: Sample Location Map

APPENDICES

Appendix A: Photographs
Appendix B: Laboratory Analytical Results

COMMONLY USED ABBREVIATIONS AND ACRONYMS

AST	aboveground storage tank
bgs	below ground surface
BRRTS	Bureau for Remediation and Redevelopment Tracking System
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CTH	County Trunk Highway
CY	cubic yards
DATCP	Department of Agriculture, Trade and Consumer Protection
DRO	diesel range organics
FDM	Facilities Development Manual
EMP	Excavation Management Plan
ERP	Environmental Repair Program
ES	Enforcement Standards
ESA	Environmental Site Assessment
FINDS	Facility Index System/Facility Identification Initiative Program Summary Report
GIS Registry	WDNR Geographic Information System (GIS) Registry of Closed Remediation Sites
GRO	gasoline range organics
HAZWOPER	Code of Federal Registry Chapter 29 (29 CFR) Part 1910.120 Hazardous Waste Operations and Emergency Response
HMA	Hazardous Materials Assessment
IH	Interstate Highway
LQG	large quantity generator
LUST	leaking underground storage tank
NPL	National Priorities List
NR ###	Wisconsin Administrative Code (WAC) Natural Resources (NR) Chapter ###
PAHs	polynuclear aromatic hydrocarbons
PAL	Preventive Action Limits
PCBs	polychlorinated biphenyls
PCE	perchloroethylene/tetrachloroethylene
PID	photoionization detector
PVOCs	petroleum volatile organic compounds
RCLs	Residual Contaminant Levels in NR 720
RCRA	Resource Conservation and Recovery Act
RCRIS	Resource Conservation and Recovery Information System
R/W or ROW	right-of-way
sf	square feet
STH	State Trunk Highway
TCE	trichloroethylene
TRIS	Toxic Chemical Release Inventory System
USGS	United States Geological Survey
USH	United States Highway
UST	underground storage tank
VOCs	volatile organic compounds
WDNR	Wisconsin Department of Natural Resources
WisDOT	Wisconsin Department of Transportation
WGNHS	Wisconsin Geological and Natural History Survey
WI ERP	Wisconsin Environmental Repair Program database

Executive Summary

The WisDOT has acquired the property at N7266 Service Road (Parcel 29) in Trego, Washburn County, Wisconsin. The property contains a single family 1-story house and two detached garages that will be demolished and the site cleared.

TRC Environmental Corporation (TRC) has been contracted by the WisDOT to perform an asbestos-containing materials (ACM) delineation inspection of the property, in order to identify asbestos that must be removed prior to demolition of the buildings.

The following Category I non-friable ACM is present in the house and garages:

- 176 square feet of gold/brown vinyl flooring in the kitchen
- 18 square feet of brown vinyl flooring on the basement landing
- Approximately 0.2 square feet of caulk around windows of 1-car garage

The asbestos must be properly removed and disposed of during the demolition of the buildings and site clearing of the property.

TRC's pre-demolition reconnaissance of the property and buildings did not identify any environmental concerns such as storage tanks or other wastes.

1.0 Background

1.1 Introduction

The WisDOT has acquired the property at N7266 Service Road (Parcel 29) in Trego, Washburn County, Wisconsin. The property contains a single family 1-story house and two detached garages that will be demolished and the site cleared.

TRC has been contracted by the WisDOT to perform an ACM delineation inspection of the property, in order to identify asbestos that must be removed prior to demolition of the buildings.

1.2 ACM Inspection

On July 17, 2020, TRC conducted an asbestos inspection of the property in order to determine the extent of ACM in the buildings, and to identify any ACM that would require management during demolition. This was accomplished by identifying, sampling, characterizing, quantifying, and laboratory-analyzing potential ACM.

2.0 ACM Delineation

2.1 ACM Sampling

TRC conducted an ACM survey of the building on July 17, 2020. Samples of suspect ACM were collected for laboratory analysis in accordance with the United States Environmental Protection Agency's (USEPA's) Asbestos Hazardous Emergency Response Act (AHERA) 40 CFR Part 763, Subpart E, as indicated in WDNR and Occupational Safety and Health Administration (OSHA) regulations. A minimum of three randomly distributed samples of each type of material identified as homogeneous (same type, color, and age of application) were collected by John Roelke, WDHFS Asbestos Inspector #AII-119523 and Thomas Perkins, WDHFS Asbestos Inspector #AII-252595. If there was any reason to suspect that the materials might be different, those materials were sampled separately. Samples were collected by hand using hammers, chisels, and utility knives. Sufficient water was applied before and during sample collection to prevent the generation of airborne particulate as a result of sampling activities.

A total of 96 samples were collected during the July sampling event and analyzed for the presence of ACM. Materials sampled included: laminate flooring, laminate flooring pad, vinyl flooring, tiles, mortar, grout, floor mastic, carpet, carpet mastic, carpet pad, joint compound, drywall, cellulite insulation, ceiling tiles, shingles, roofing tar paper, flashing sealant, caulk, composite siding, composite siding backing, and silicon sealant. See Appendix A for photographs and Figure 2 for sample locations.

Collected samples were analyzed by TRC Solutions, Inc. (TRC) in Windsor, Connecticut. Samples were analyzed on a 2 day turnaround basis using polarized light microscopy (PLM) with dispersion staining techniques. Once one sample of a homogeneous material tested positive for asbestos, the remaining samples of that material were not analyzed.

2.2 ACM Sampling Results

The locations and types of the material sampled, the collection date, the sample number, and the condition of the material are presented in Table 1 (Asbestos Survey Log and Bulk Asbestos Analytical Results). Photographs showing representative sampled materials can be found in Appendix A. TRC's laboratory analysis reports are included in Appendix B.

The following Category I non-friable ACM is present in the house and garages:

- 176 square feet of gold/brown vinyl flooring in the kitchen
- 18 square feet of brown vinyl flooring on the basement landing
- Approximately 0.2 square feet of caulk around windows of 1-car garage

3.0 ACM Abatement

3.1 Summary of ACM

The following Category I non-friable ACM is present in the house and garages:

- 176 square feet of gold/brown vinyl flooring in the kitchen
- 18 square feet of brown vinyl flooring on the basement landing
- Approximately 0.2 square feet of caulk around windows of 1-car garage

3.2 Regulatory Discussion

Friable ACM is any material containing more than 1 percent asbestos that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure. Non-friable ACM is any material containing more than 1 percent asbestos that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure. The EPA also defines two categories of non-friable ACM, Category I and Category II non-friable ACM as follows:

- Category I non-friable ACM is any asbestos-containing packing, gasket, resilient floor covering, mastic, or asphalt roofing product that contains more than 1 percent asbestos.
- Category II non-friable ACM is any material, excluding Category I non-friable ACM, containing more than 1 percent asbestos that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

RACM is (a) friable asbestos material; (b) Category I non-friable ACM that has become friable; (c) Category I non-friable ACM that will be, or has been, subjected to sanding, grinding, cutting or abrading; or (d) Category II non-friable ACM that has a high probability of becoming, or has become, crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition operations.

Both the USEPA's and the WDNR's regulations mandate the removal of regulated ACM prior to demolition. ACM need not be removed before demolition if it is a Category I non-friable ACM that is not friable or a Category II non-friable ACM and the probability is low that the material will

become crumbled, pulverized, or reduced to powder during demolition. Additionally, all asbestos-containing debris must be handled, transported, and disposed in accordance with the ACM regulations. If ACM is commingled with the demolition debris, the entire pile must be considered to be asbestos-containing material and managed accordingly. This requires disposal in a landfill licensed to accept ACM waste.

Both OSHA and the USEPA regulate the potential health hazards associated with ACM abatement. The USEPA regulates ACM from a general health perspective. USEPA regulations contain language related to many aspects of ACM management, including visible emissions, licensing of workers, disposal, testing, inspections, and site management. OSHA regulations deal with worker exposure on the job and with the methodology to safely handle ACM. The State of Wisconsin regulations incorporate both OSHA and USEPA regulations, and mirror the federal regulations almost exactly. In a few cases, the practice of compliance with Wisconsin regulations is more restrictive than the federal interpretation.

3.3 ACM Removal Plans

All regulated ACM is required to be removed prior to demolition. It will be up to the demolition contractor and their asbestos abatement contractor to determine if the method of demolition will cause any non-friable ACM to become friable. If so, that material would be considered RACM and will be required to be removed prior to demolition. All demolition waste that is commingled with the non-friable asbestos-containing material will be required to be managed as asbestos-containing waste and disposed of at a solid waste landfill permitted to accept such waste.

4.0 Conclusions and Recommendations

The following Category I non-friable ACM is present in the house and garages:

- 176 square feet of gold/brown vinyl flooring in the kitchen
- 18 square feet of brown vinyl flooring on the basement landing
- Approximately 0.2 square feet of caulk around windows of 1-car garage

The ACM will be removed during demolition of the buildings.

TRC's pre-demolition reconnaissance of the property and buildings did not identify any environmental concerns such as storage tanks or other wastes.

Table 1
Asbestos Survey Log and Bulk Asbestos Analytical Results

Client: WisDOT
Name: N7299 Service Rd, Parcel 29
Location: Trego, Washburn County
Project ID: 1197-00-20

Project Number: 401359.0000.0000
Sample Collection Date: July 17, 2020
Samples Collected By: John Roelke, Thomas Perkins
Asbestos Inspector Number: AII-119523, AII-252595

SAMPLE NUMBER	SAMPLE LOCATION	SAMPLE DESCRIPTION	COLOR	CONDITION	ANALYTICAL METHOD AND RESULTS	FRIABLE/ NON-FRIABLE	QUANTITY
P29-1	Kitchen floor	Pad (layer 1) Laminate floor (layer 2)	Gray (layer 1) Brown (layer 2)	Good	PLM, non-detect (all layers)	--	0
P29-2	Kitchen floor	Pad (layer 1) Laminate floor (layer 2)	Gray (layer 1) Brown (layer 2)	Good	PLM, non-detect (all layers)	--	
P29-3	Kitchen floor	Pad (layer 1) Laminate floor (layer 2)	Gray (layer 1) Brown (layer 2)	Good	PLM, non-detect (all layers)	--	
P29-4	Kitchen floor	Vinyl floor, 2 layers	Light brown (layer 1) Gold/brown (layer 2)	Good	PLM, non-detect (layer 1), 60% (layer 2)	Cat.1 Non-friable	16' x 11' = 176 sq ft
P29-5	Kitchen floor	Vinyl floor, 2 layers	Light brown (layer 1) Gold/brown (layer 2)	Good	PLM, non-detect (layer 1), NA/PS (layer 2)	Cat.1 Non-friable	
P29-6	Kitchen floor	Vinyl floor, 2 layers	Light brown (layer 1) Gold/brown (layer 2)	Good	PLM, non-detect (layer 1), NA/PS (layer 2)	Cat.1 Non-friable	
P29-7	Kitchen backsplash	Mortar (layer 1) Grout (layer 2) 4"x4" Tile (layer 3)	White (layer 1) Brown (layer 2) Brown (layer 3)	Good	PLM, non-detect (all layers)	--	0
P29-8	Kitchen backsplash	Mortar (layer 1) Grout (layer 2) 4"x4" Tile (layer 3)	White (layer 1) Brown (layer 2) Brown (layer 3)	Good	PLM, non-detect (all layers)	--	
P29-9	Kitchen backsplash	Mortar (layer 1) Grout (layer 2) 4"x4" Tile (layer 3)	White (layer 1) Brown (layer 2) Brown (layer 3)	Good	PLM, non-detect (all layers)	--	
P29-10	Kitchen storage hutch	Paper/mastic	Brown	Good	PLM, non-detect	--	0
P29-11	Kitchen storage hutch	Paper/mastic	Brown	Good	PLM, non-detect	--	
P29-12	Kitchen storage hutch	Paper/mastic	Brown	Good	PLM, non-detect	--	
P29-13	Living room floor	Pad (layer 1) Mastic (layer 2) Carpet (layer 3)	Green/white/yellow (layer 1) Tan (layer 2) Brown (layer 3)	Good	PLM, non-detect (all layers)	--	0
P29-14	Living room floor	Pad (layer 1) Mastic (layer 2) Carpet (layer 3)	Green/white/yellow (layer 1) Tan (layer 2) Brown (layer 3)	Good	PLM, non-detect (all layers)	--	
P29-15	Living room floor	Pad (layer 1) Mastic (layer 2) Carpet (layer 3)	Green/white/yellow (layer 1) Tan (layer 2) Brown (layer 3)	Good	PLM, non-detect (all layers)	--	

ID1197-00-20, Parcel 29

Table 1
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Project Number: 401359.0000.0000
Sample Collection Date: July 17, 2020
Samples Collected By: John Roelke, Thomas Perkins
Asbestos Inspector Number: AII-119523, AII-252595

SAMPLE NUMBER	SAMPLE LOCATION	SAMPLE DESCRIPTION	COLOR	CONDITION	ANALYTICAL METHOD AND RESULTS	FRIABLE/ NON-FRIABLE	QUANTITY
P29-16	Living room, bedrooms 1&2, hall, side entryway wall and ceiling	Joint compound/mesh (layer 1) Drywall (layer 2)	White (layer 1) White (layer 2)	Good	PLM, non-detect (all layers)	--	0
P29-17	Living room, bedrooms 1&2, hall, side entryway wall and ceiling	Joint compound/mesh (layer 1) Drywall (layer 2)	White (layer 1) White (layer 2)	Good	PLM, non-detect (all layers)	--	
P29-18	Living room, bedrooms 1&2, hall, side entryway wall and ceiling	Joint compound/mesh (layer 1) Drywall (layer 2)	White (layer 1) White (layer 2)	Good	PLM, non-detect (all layers)	--	
P29-19	Bedroom #1 floor	Pad (layer 1) Mastic (layer 2) Carpet (layer 3)	Green/white/yellow (layer 1) Light gray (layer 2) Brown (layer 3)	Good	PLM, non-detect (all layers)	--	0
P29-20	Bedroom #1 floor	Pad (layer 1) Mastic (layer 2) Carpet (layer 3)	Green/white/yellow (layer 1) Light gray (layer 2) Brown (layer 3)	Good	PLM, non-detect (all layers)	--	
P29-21	Bedroom #1 floor	Pad (layer 1) Mastic (layer 2) Carpet (layer 3)	Green/white/yellow (layer 1) Light gray (layer 2) Brown (layer 3)	Good	PLM, non-detect (all layers)	--	
P29-22	Bathroom floor	Mastic (layer 1) Vinyl floor (layer 2)	Tan (layer 1) Brown (layer 2)	Good	PLM, non-detect (all layers)	--	0
P29-23	Bathroom floor	Mastic (layer 1) Vinyl floor (layer 2)	Tan (layer 1) Brown (layer 2)	Good	PLM, non-detect (all layers)	--	
P29-24	Bathroom floor	Mastic (layer 1) Vinyl floor (layer 2)	Tan (layer 1) Brown (layer 2)	Good	PLM, non-detect (all layers)	--	

ID1197-00-20, Parcel 29

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Asbestos Inspector Number: AII-119523, AII-252595

SAMPLE NUMBER	SAMPLE LOCATION	SAMPLE DESCRIPTION	COLOR	CONDITION	ANALYTICAL METHOD AND RESULTS	FRIABLE/ NON-FRIABLE	QUANTITY
P29-25	Bedroom #2 floor	Pad (layer 1) Mastic (layer 2) Carpet (layer 3)	Green/white/yellow (layer 1) Light gray (layer 2) Light brown (layer 3)	Good	PLM, non-detect (all layers)	--	0
P29-26	Bedroom #2 floor	Pad (layer 1) Mastic (layer 2) Carpet (layer 3)	Green/white/yellow (layer 1) Light gray (layer 2) Light brown (layer 3)	Good	PLM, non-detect (all layers)	--	
P29-27	Bedroom #2 floor	Pad (layer 1) Mastic (layer 2) Carpet (layer 3)	Green/white/yellow (layer 1) Light gray (layer 2) Light brown (layer 3)	Good	PLM, non-detect (all layers)	--	
P29-28	Attic	Cellulite insulation	Brown	Good	PLM, non-detect	--	0
P29-29	Attic	Cellulite insulation	Brown	Good	PLM, non-detect	--	
P29-30	Attic	Cellulite insulation	Brown	Good	PLM, non-detect	--	
P29-31	Floor landing to basement	Mastic (layer 1) Vinyl floor (layer 2)	Tan (layer 1) Brown (layer 2)	Good	PLM, non-detect (layer 1) 3% (layer 2)	Cat.1 Non-friable	6' x 3' = 18 sq ft
P29-32	Floor landing to basement	Mastic (layer 1) Vinyl floor (layer 2)	Tan (layer 1) Brown (layer 2)	Good	PLM, non-detect (layer 1) NA/PS (layer 2)	Cat.1 Non-friable	
P29-33	Floor landing to basement	Mastic (layer 1) Vinyl floor (layer 2)	Tan (layer 1) Brown (layer 2)	Good	PLM, non-detect (layer 1) NA/PS (layer 2)	Cat.1 Non-friable	
P29-34	Basement stairs	Mastic (layer 1) Carpet (layer 2)	Light gray (layer 1) Brown (layer 2)	Good	PLM, non-detect (all layers)	--	0
P29-35	Basement stairs	Mastic (layer 1) Carpet (layer 2)	Light gray (layer 1) Brown (layer 2)	Good	PLM, non-detect (all layers)	--	
P29-36	Basement stairs	Mastic (layer 1) Carpet (layer 2)	Light gray (layer 1) Brown (layer 2)	Good	PLM, non-detect (all layers)	--	
P29-37	Basement floor	Mastic	Black	Good	PLM, non-detect	--	0
P29-38	Basement floor	Mastic	Black	Good	PLM, non-detect	--	
P29-39	Basement floor	Mastic	Black	Good	PLM, non-detect	--	
P29-40	Basement ceiling	12"x12" Ceiling tile	White/orange-brown	Good	PLM, non-detect	--	0
P29-41	Basement ceiling	12"x12" Ceiling tile	White/orange-brown	Good	PLM, non-detect	--	
P29-42	Basement ceiling	12"x12" Ceiling tile	White/orange-brown	Good	PLM, non-detect	--	

Table 1
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Asbestos Inspector Number: AII-119523, AII-252595

SAMPLE NUMBER	SAMPLE LOCATION	SAMPLE DESCRIPTION	COLOR	CONDITION	ANALYTICAL METHOD AND RESULTS	FRIABLE/ NON-FRIABLE	QUANTITY
P29-43	Basement floor	Pad (layer 1) Mastic (layer 2) Carpet (layer 3)	Green/white/yellow (layer 1) White (layer 2) Cream (layer 3)	Good	PLM, non-detect (all layers)	--	0
P29-44	Basement floor	Pad (layer 1) Mastic (layer 2) Carpet (layer 3)	Green/white/yellow (layer 1) White (layer 2) Cream (layer 3)	Good	PLM, non-detect (all layers)	--	
P29-45	Basement floor	Pad (layer 1) Mastic (layer 2) Carpet (layer 3)	Green/white/yellow (layer 1) White (layer 2) Cream (layer 3)	Good	PLM, non-detect (all layers)	--	
P29-G1 001	1-car garage roof	Shingles	Black/green/gray	Good	PLM, non-detect	--	0
P29-G1 002	1-car garage roof	Shingles	Black/green/gray	Good	PLM, non-detect	--	
P29-G1 003	1-car garage roof	Shingles	Black/green/gray	Good	PLM, non-detect	--	
P29-G1 004	1-car garage roof	Tar paper	Black	Good	PLM, non-detect	--	0
P29-G1 005	1-car garage roof	Tar paper	Black	Good	PLM, non-detect	--	
P29-G1 006	1-car garage roof	Tar paper	Black	Good	PLM, non-detect	--	
P29-G1 007	1-car garage exterior	Caulk around windows	White/gray	Damaged	PLM, 3%	Cat.1 Non-friable	0.2 sq ft
P29-G1 008	1-car garage exterior	Caulk around windows	White/gray	Damaged	NA/PS	Cat.1 Non-friable	
P29-G1 009	1-car garage exterior	Caulk around windows	White/gray	Damaged	NA/PS	Cat.1 Non-friable	
P29-G1 010	1-car garage exterior	Composite siding backing	Black/red/brown	Good	PLM, non-detect	--	0
P29-G1 011	1-car garage exterior	Composite siding backing	Black/red/brown	Good	PLM, non-detect	--	
P29-G1 012	1-car garage exterior	Composite siding backing	Black/red/brown	Good	PLM, non-detect	--	
P29-G1 013	1-car garage exterior	Composite siding	Brown	Good	PLM, non-detect	--	0
P29-G1 014	1-car garage exterior	Composite siding	Brown	Good	PLM, non-detect	--	
P29-G1 015	1-car garage exterior	Composite siding	Brown	Good	PLM, non-detect	--	
P29-G2 001	2-car garage exterior	Composite siding	Tan	Good	PLM, non-detect	--	0
P29-G2 002	2-car garage exterior	Composite siding	Tan	Good	PLM, non-detect	--	
P29-G2 003	2-car garage exterior	Composite siding	Tan	Good	PLM, non-detect	--	
P29-G2 004	2-car garage exterior	Composite siding backing	Black/brown	Good	PLM, non-detect	--	0
P29-G2 005	2-car garage exterior	Composite siding backing	Black/brown	Good	PLM, non-detect	--	
P29-G2 006	2-car garage exterior	Composite siding backing	Black/brown	Good	PLM, non-detect	--	
P29-G2 007	2-car garage exterior	Caulk around windows	White	Damaged	PLM, non-detect	--	0
P29-G2 008	2-car garage exterior	Caulk around windows	White	Damaged	PLM, non-detect	--	
P29-G2 009	2-car garage exterior	Caulk around windows	White	Damaged	PLM, non-detect	--	

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SAMPLE NUMBER	SAMPLE LOCATION	SAMPLE DESCRIPTION	COLOR	CONDITION	ANALYTICAL METHOD AND RESULTS	FRIABLE/ NON-FRIABLE	QUANTITY
P29-G2 010	Roof	Shingles	Black/green	Good	PLM, non-detect	--	0
P29-G2 011	Roof	Shingles	Black/green	Good	PLM, non-detect	--	
P29-G2 012	Roof	Shingles	Black/green	Good	PLM, non-detect	--	
P29-G2 013	Roof	Tar paper	Black	Good	PLM, non-detect	--	0
P29-G2 014	Roof	Tar paper	Black	Good	PLM, non-detect	--	
P29-G2 015	Roof	Tar paper	Black	Good	PLM, non-detect	--	
P29-E 001	House roof	Tar	Black	Good	PLM, non-detect	--	0
P29-E 002	House roof	Tar	Black	Good	PLM, non-detect	--	
P29-E 003	House roof	Tar	Black	Good	PLM, non-detect	--	
P29-E 004	Around vent on house roof	Flashing sealant	Clear	Good	PLM, non-detect	--	0
P29-E 005	Around vent on house roof	Flashing sealant	Clear	Good	PLM, non-detect	--	
P29-E 006	Around vent on house roof	Flashing sealant	Clear	Good	PLM, non-detect	--	
P29-E 007	Around vent on house roof	Flashing sealant	Clear	Good	PLM, non-detect	--	0
P29-E 008	Around vent on house roof	Flashing sealant	Clear	Good	PLM, non-detect	--	
P29-E 009	Around vent on house roof	Flashing sealant	Clear	Good	PLM, non-detect	--	
P29-E 010	Around vent on house roof	Flashing sealant	Clear	Good	PLM, non-detect	--	0
P29-E 011	Around vent on house roof	Flashing sealant	Clear	Good	PLM, non-detect	--	
P29-E 012	Around vent on house roof	Flashing sealant	Clear	Good	PLM, non-detect	--	
P29-E 013	House exterior	Composite siding	White/Brown	Good	PLM, non-detect	--	0
P29-E 014	House exterior	Composite siding	White/Brown	Good	PLM, non-detect	--	
P29-E 015	House exterior	Composite siding	White/Brown	Good	PLM, non-detect	--	
P29-E 016	House exterior	Composite siding backing	Black/red/brown	Good	PLM, non-detect	--	0
P29-E 017	House exterior	Composite siding backing	Black/red/brown	Good	PLM, non-detect	--	
P29-E 018	House exterior	Composite siding backing	Black/red/brown	Good	PLM, non-detect	--	
P29-E 019	Around house entry door/concrete steps	Silicone sealant	White	Good	PLM, non-detect	--	0
P29-E 020	Around house entry door/concrete steps	Silicone sealant	White	Good	PLM, non-detect	--	
P29-E 021	Around house entry door/concrete steps	Silicon sealant	White	Good	PLM, non-detect	--	

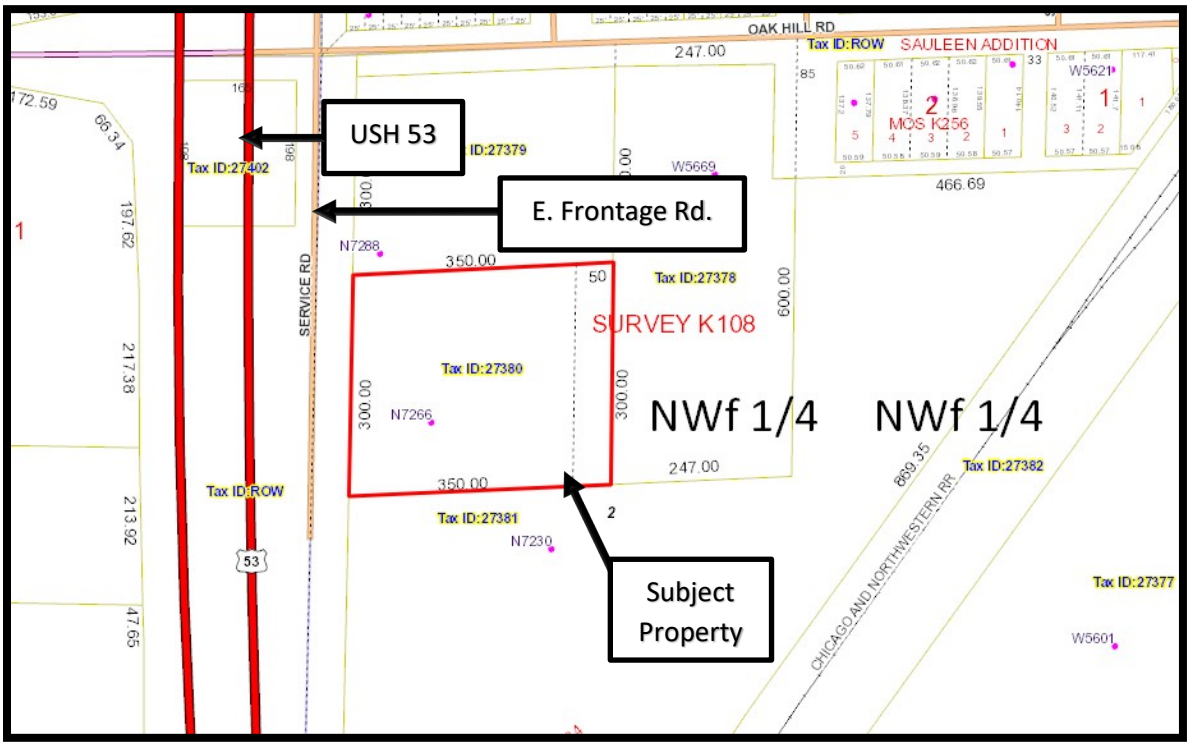
Notes:
PLM = Polarized Light Microscopy
NA/PS = Not analyzed, positive stop
1. Inspection was completed following WisDOT standard sampling procedure for bridge inspections found in FDM 21 35-45.

Created By: A. Voit
Checked By: D. Haak

Condition Description:
Good: The material shows no visible damage or deterioration, or shows only limited damage or deterioration.
Damaged: The material is friable that has deteriorated or sustained physical damage.
Significantly damaged: The material is friable that has sustained extensive or severe damage.

ID1197-00-20, Parcel 29

FIGURE 1 - SITE LOCATION MAP



SUBJECT PROPERTY AERIAL PHOTO

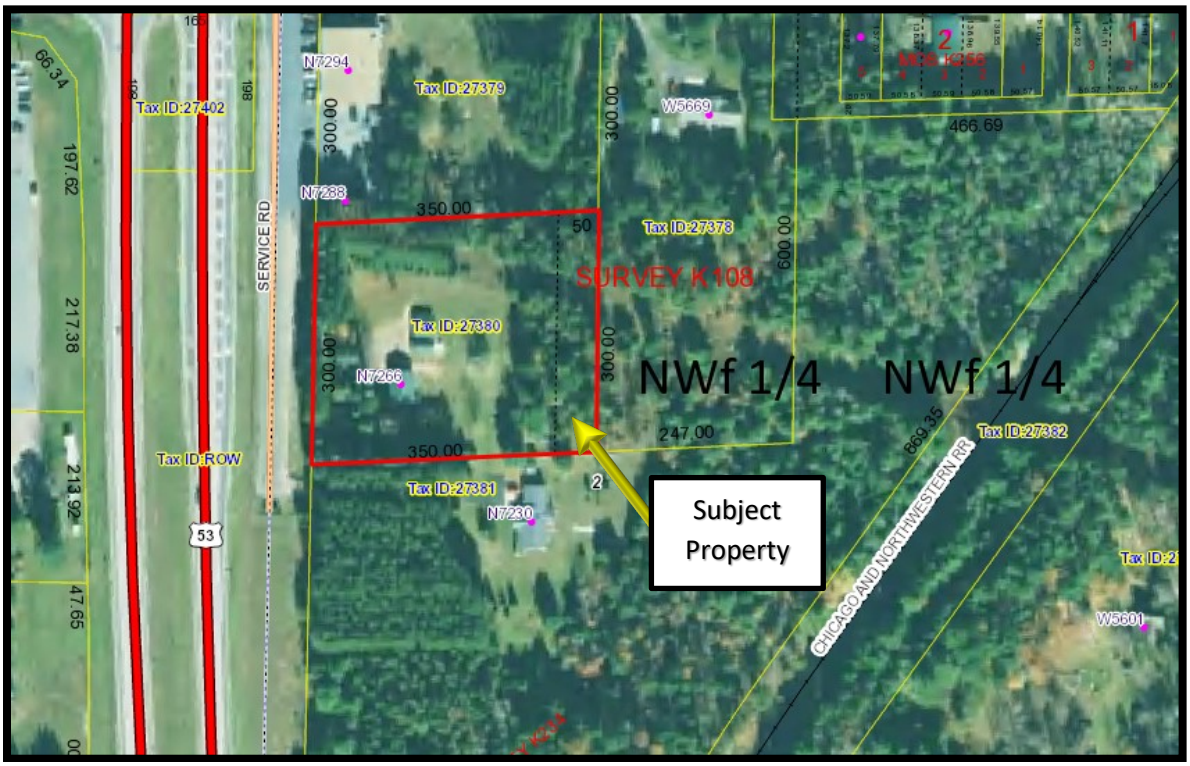
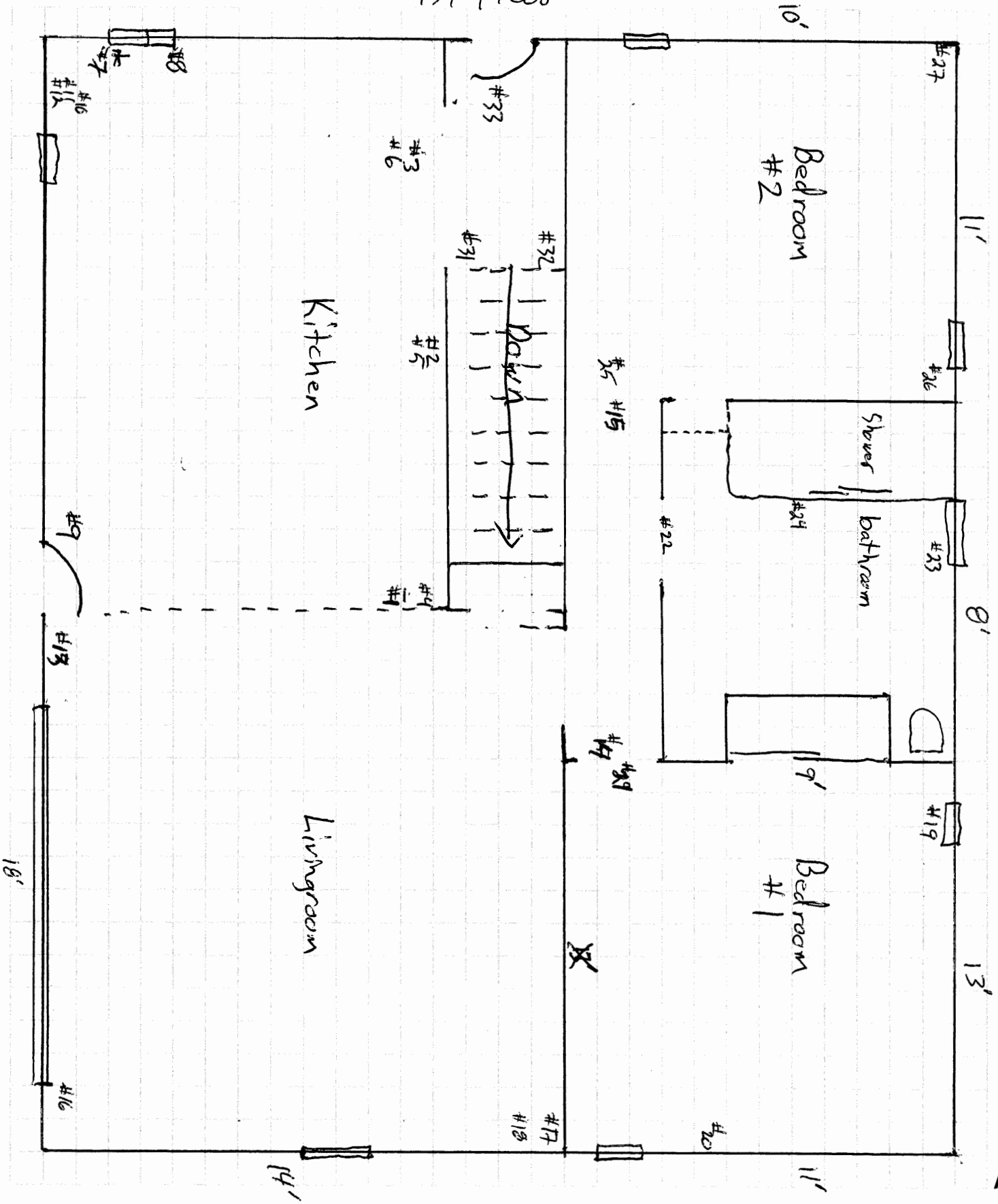


FIGURE 2 - SAMPLE LOCATIONS

SHEET NO. 1 OF 5
PROJECT NO. 49359.0000.0000
DATE 7/17/20
BY JAA
CHK'D

SUBJECT Parcel 29
1st Floor

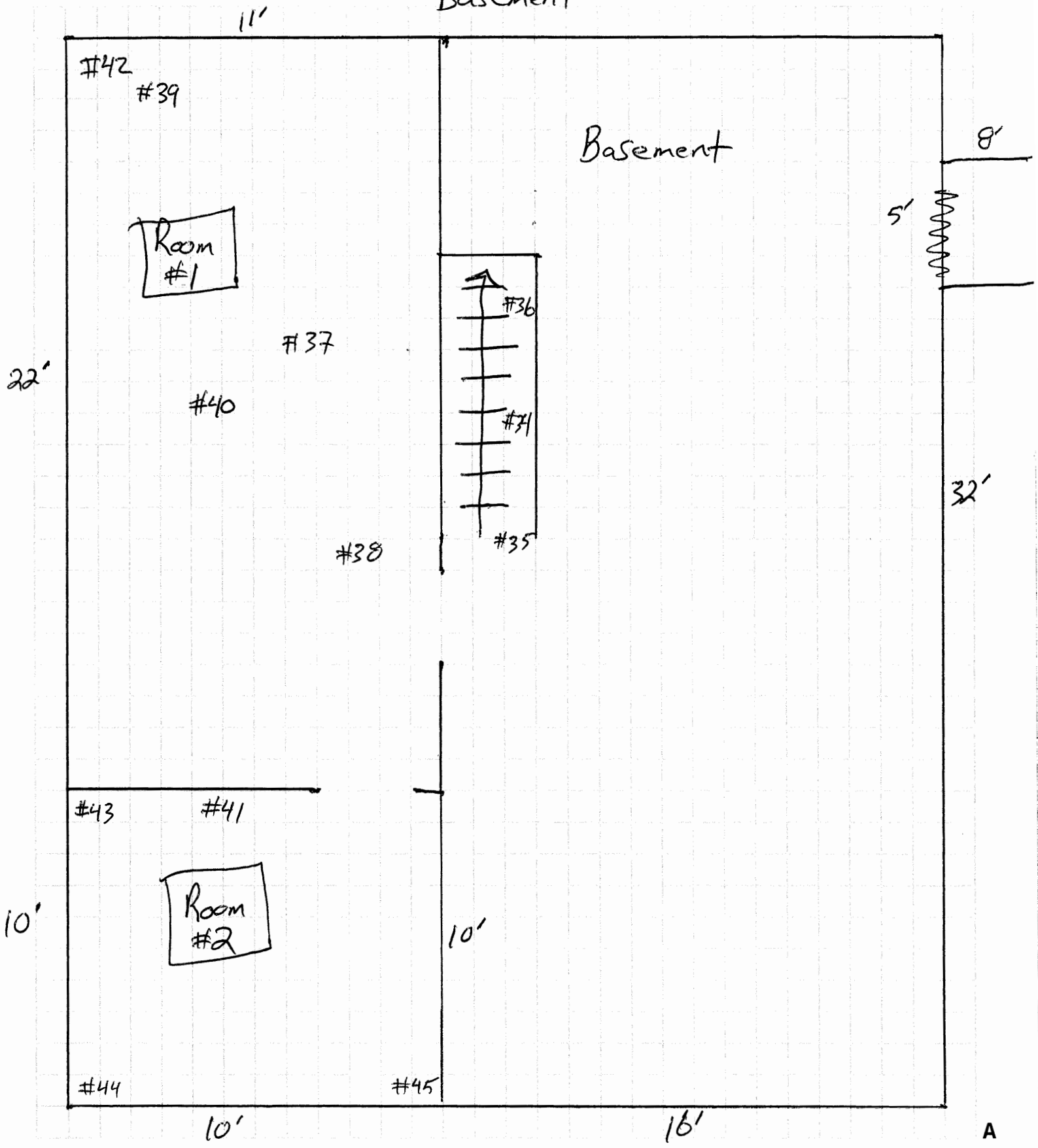


A

FIGURE 2 - SAMPLE LOCATIONS

SHEET NO. 2 OF 5
PROJECT NO. 401359.0000.0000
DATE 7/17/20
BY JAR
CHK'D

SUBJECT Parcel 29 Basement

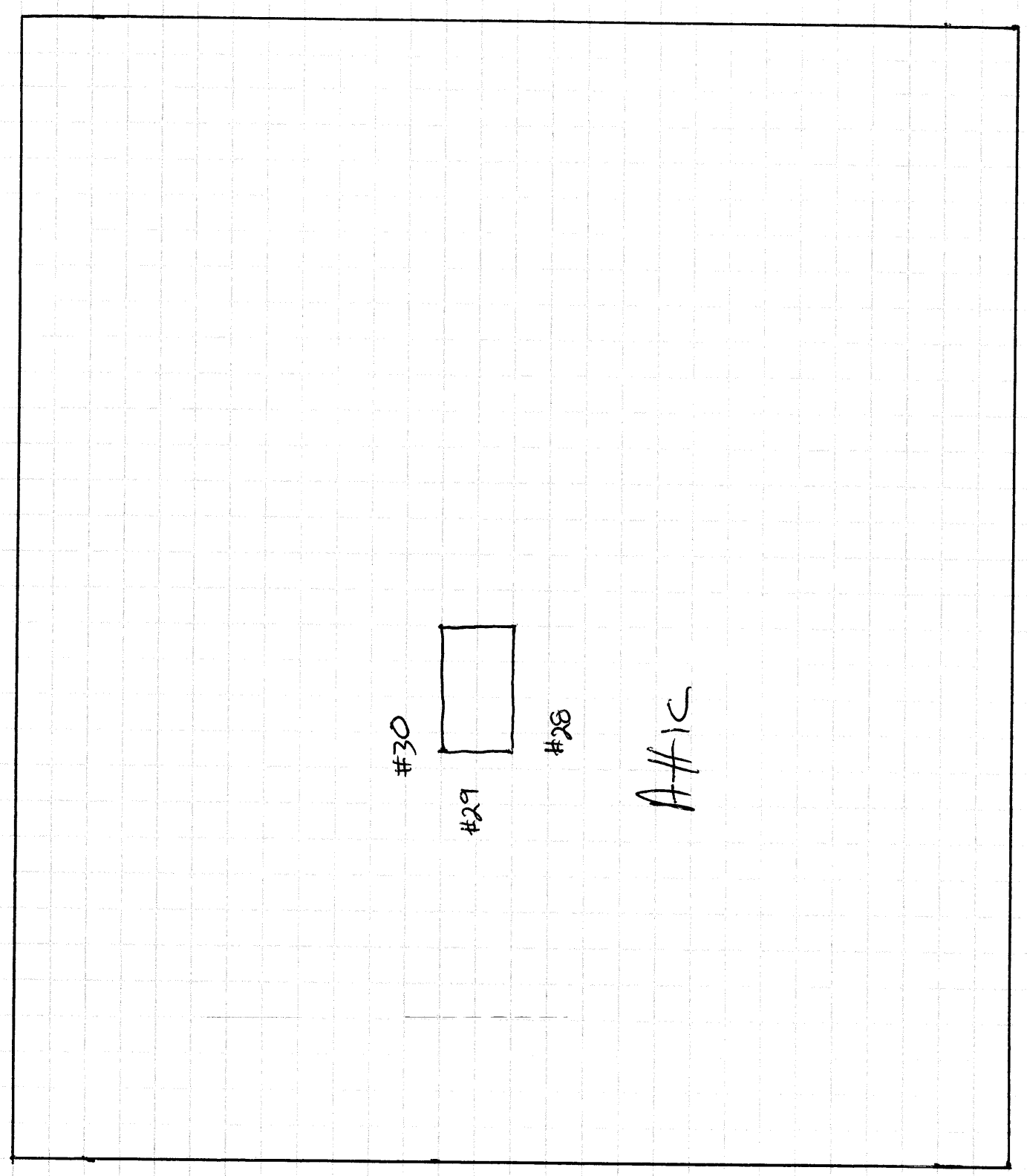


A

FIGURE 2 - SAMPLE LOCATIONS

SHEET NO. 3 OF 5
PROJECT NO. 401359.000.000
DATE 7/17/20
BY SAR
CHK'D

SUBJECT Parcel 29
Attic

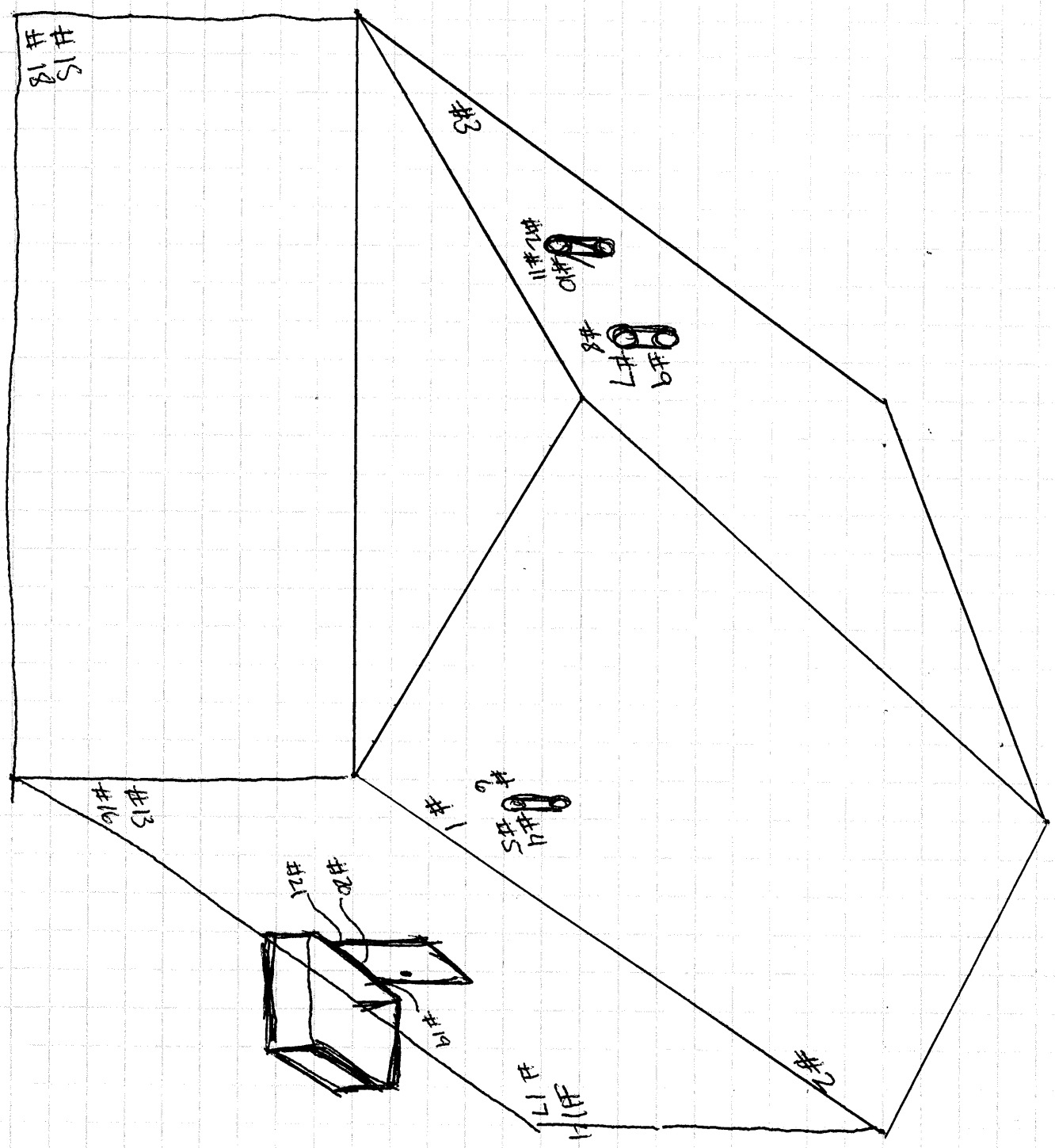


A

FIGURE 2 - SAMPLE LOCATIONS

SHEET NO. 4 OF 5
PROJECT NO. 40/359.000.000
DATE 7/17/20
BY SAR
CHK'D

SUBJECT Parcel 29
Roof / Exterior ("E")

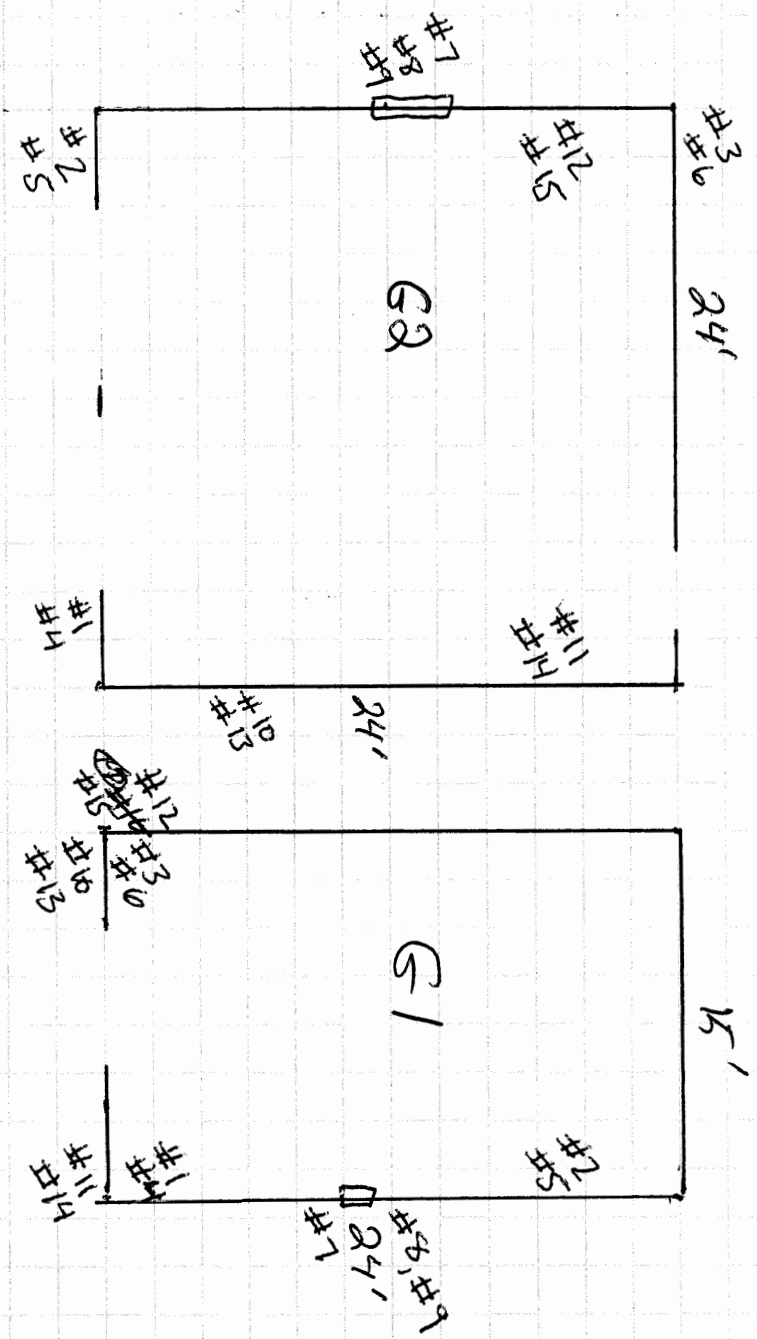


A

FIGURE 2 - SAMPLE LOCATIONS

SHEET NO. 5 OF 5
PROJECT NO. 401359aaaaaa
DATE 7/17/20
BY ZAR
CHK'D

SUBJECT Garage 1 & 2



A

Appendix A: Photographs

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	N7299 Service Rd, Parcel 29, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
1	7/17/2020

Description
Looking east, front of house

Photo No.	Date
2	7/17/2020

Description
Looking north, side of house

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	N7299 Service Rd, Parcel 29, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
3	7/17/2020

Description
Looking west, backside of house

Photo No.	Date
4	7/17/2020

Description
Looking south, side entrance of house

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	N7299 Service Rd, Parcel 29, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
5	7/17/2020

Description
Looking east, front of garages

Photo No.	Date
6	7/17/2020

Description
Looking west, backside of garages

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	N7299 Service Rd, Parcel 29, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
7	7/17/2020

Description
Looking north along backside of house and at side of 1-car garage. Septic stickups are visible.

Photo No.	Date
8	7/17/2020

Description
Kitchen

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	N7299 Service Rd, Parcel 29, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
9	7/17/2020

Description
Laminate wood floor & pad in kitchen, both non-detect for ACM

Photo No.	Date
10	7/17/2020

Description
2 layers of vinyl flooring under wood flooring in kitchen, bottom gold/brown layer contains 60% Cat. 1 non-friable ACM

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	N7299 Service Rd, Parcel 29, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
11	7/17/2020

Description
4”x4” tile, grout & mastic backsplash kitchen, all non-detect for ACM

Photo No.	Date
12	7/17/2020

Description
Brown paper/mastic in hutch in kitchen, non-detect for ACM

Photographic Log

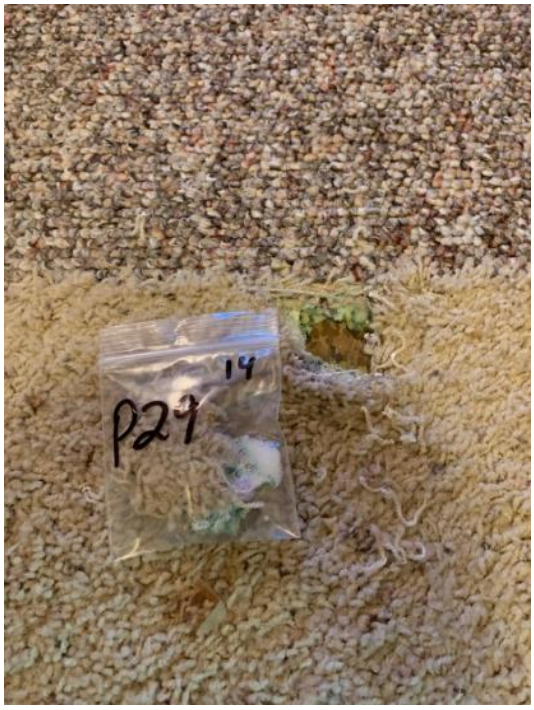
Client Name:	Site Location:	Project No.:
WisDOT	N7299 Service Rd, Parcel 29, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
13	7/17/2020

Description
Living Room

Photo No.	Date
14	7/17/2020

Description
Carpet, mastic, pad & paper backing on Living Room floor, all non-detect for ACM



Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	N7299 Service Rd, Parcel 29, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
15	7/17/2020

Description
Drywall, mud & tape on walls of Living room, bedrooms 1&2, hall, side entryway wall and ceiling, all non-detect for ACM

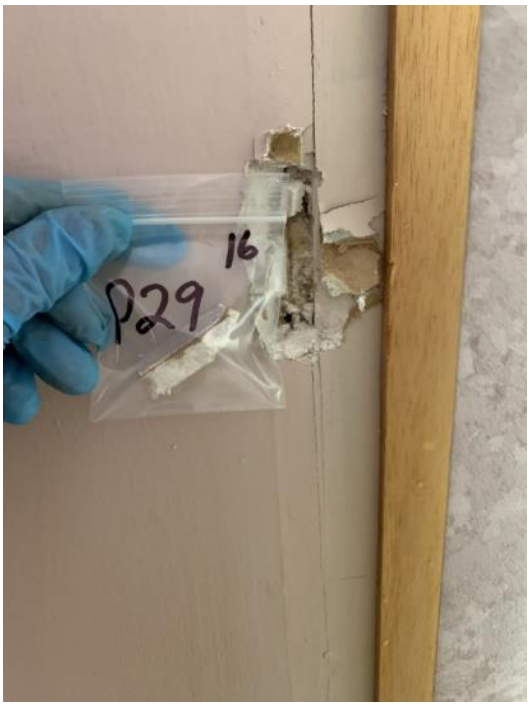


Photo No.	Date
16	7/17/2020

Description
Bedroom 1

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	N7299 Service Rd, Parcel 29, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
17	7/17/2020

Description
Carpet & pad on floor of Bedroom 1, both non-detect for ACM

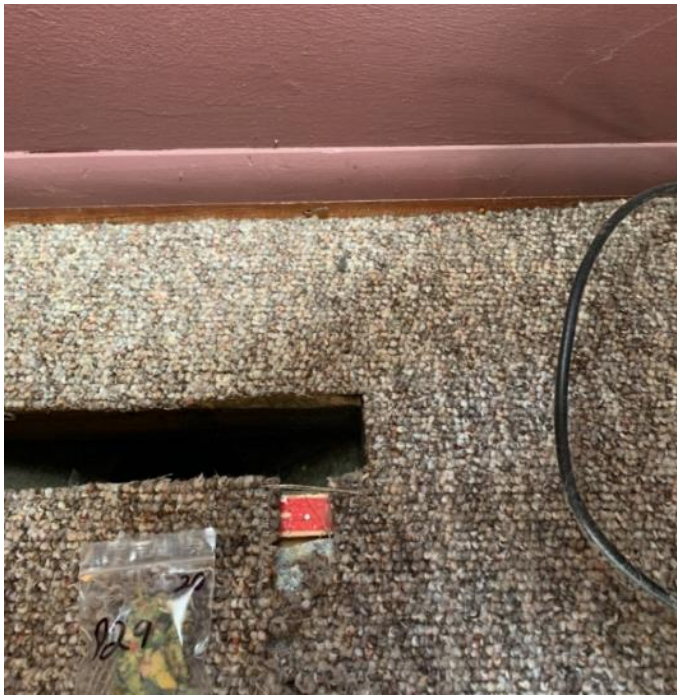


Photo No.	Date
18	7/17/2020

Description
Bathroom

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	N7299 Service Rd, Parcel 29, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
19	7/17/2020

Description
Vinyl floor & mastic on Bathroom floor, both non-detect for ACM

Photo No.	Date
20	7/17/2020

Description
Bedroom 2

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	N7299 Service Rd, Parcel 29, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
21	7/17/2020

Description
Carpet & pad on floor of Bedroom #2, both non-detect for ACM

Photo No.	Date
22	7/17/2020

Description
Cellulite insulation in attic, non-detect for ACM

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	N7299 Service Rd, Parcel 29, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
23	7/17/2020

Description
Entrance to basement

Photo No.	Date
24	7/17/2020

Description
Vinyl floor & mastic on landing to basement, vinyl floor contains 3% Cat.1 non-friable ACM

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	N7299 Service Rd, Parcel 29, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
25	7/17/2020

Description
Carpet & mastic on basement stairs, both non-detect for ACM

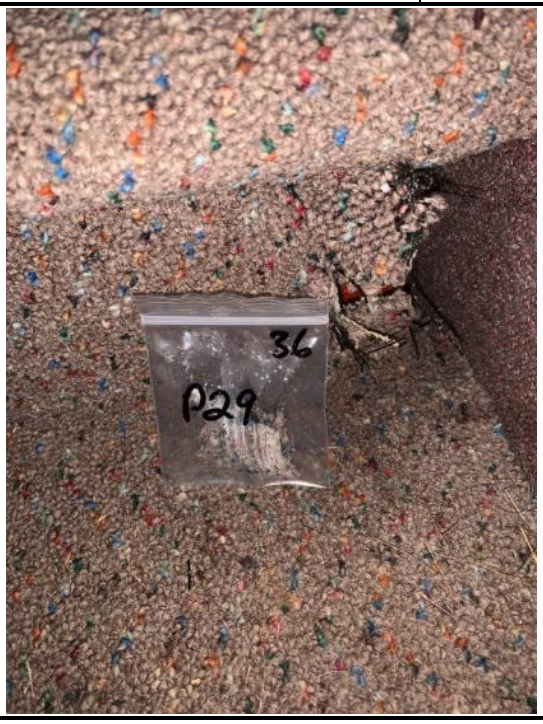


Photo No.	Date
26	7/17/2020

Description
Basement

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	N7299 Service Rd, Parcel 29, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
27	7/17/2020

Description
Basement

Photo No.	Date
28	7/17/2020

Description
Cellar in basement

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	N7299 Service Rd, Parcel 29, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
29	7/17/2020

Description
Electrical, no suspect ACM

Photo No.	Date
30	7/17/2020

Description
Room in basement

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	N7299 Service Rd, Parcel 29, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
31	7/17/2020

Description
Black mastic on basement floor, non-detect for ACM

Photo No.	Date
32	7/17/2020

Description
Room in basement

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	N7299 Service Rd, Parcel 29, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
33	7/17/2020

Description
12”x12” ceiling tiles in basement, non-detect for ACM

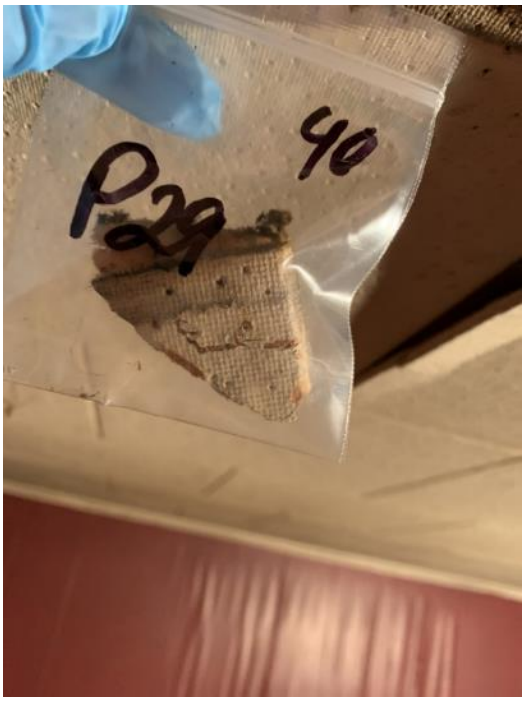


Photo No.	Date
34	7/17/2020

Description
Carpet & pad in basement room, both non-detect for ACM

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	N7299 Service Rd, Parcel 29, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
35	7/17/2020

Description
Shingles on 1-car garage roof, non-detect for ACM

Photo No.	Date
36	7/17/2020

Description
Tar paper on 1-car garage roof, non-detect for ACM

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	N7299 Service Rd, Parcel 29, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
37	7/17/2020

Description
Caulk around windows of 1-car garage, 3% Cat.1 non-friable ACM present

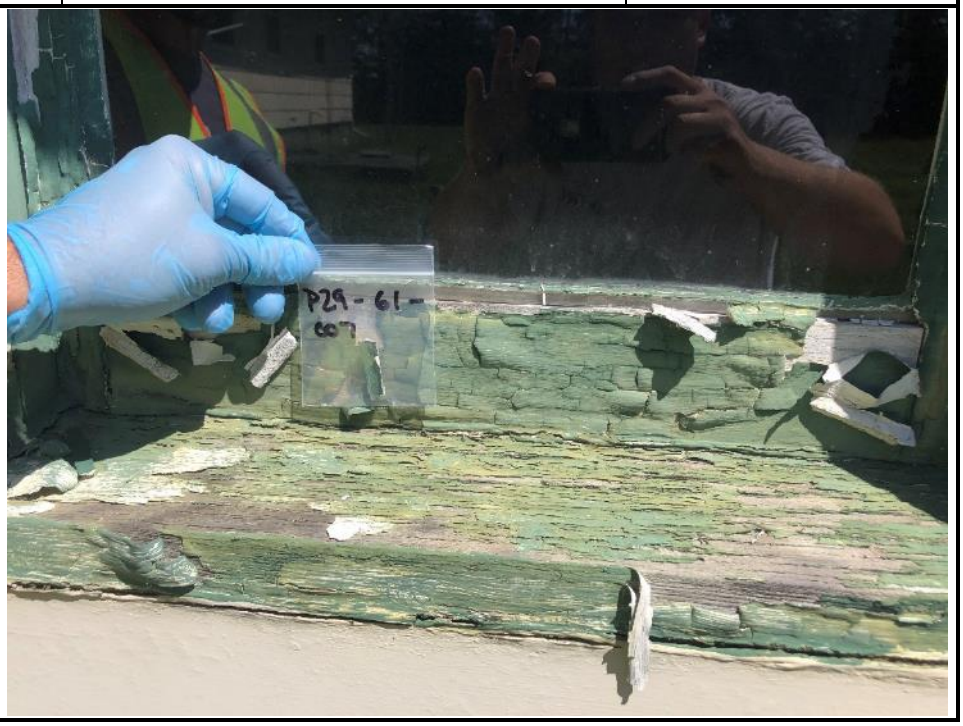


Photo No.	Date
38	7/17/2020

Description
Composite siding backing on 1-car garage exterior, non-detect for ACM

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	N7299 Service Rd, Parcel 29, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
40	7/17/2020

Description
Composite siding on 1-car garage exterior, non-detect for ACM

Photo No.	Date
41	7/17/2020

Description
Inside of 1-car garage

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	N7299 Service Rd, Parcel 29, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
42	7/17/2020

Description
Composite siding on 2-car garage exterior, non-detect for ACM

Photo No.	Date
43	7/17/2020

Description
Composite siding backing on 2-car garage exterior, non-detect for ACM

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	N7299 Service Rd, Parcel 29, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
44	7/17/2020

Description
Caulk around windows of 2-car garage, non-detect for ACM

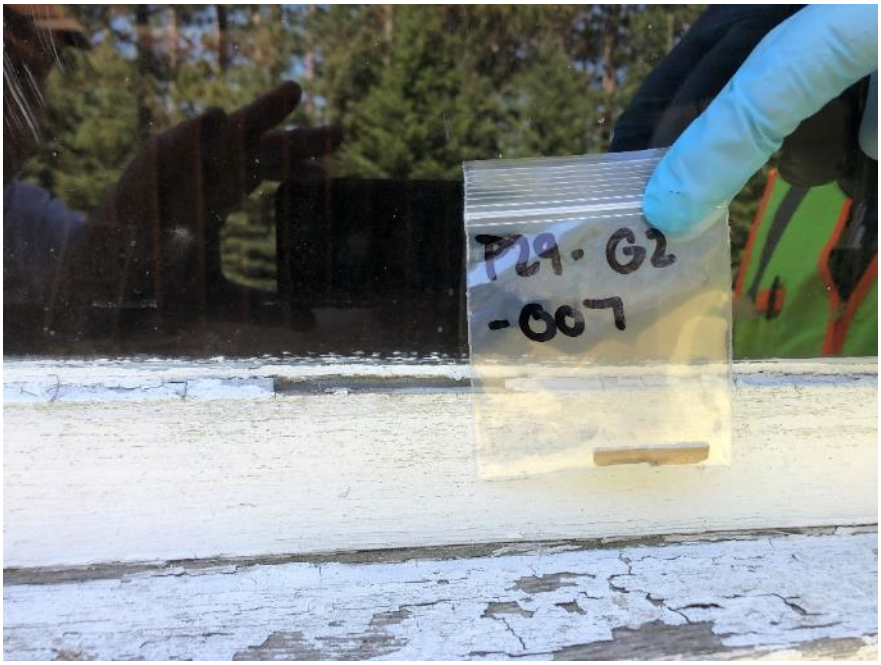


Photo No.	Date
45	7/17/2020

Description
Shingles on 2-car garage roof, non-detect for ACM

Photographic Log

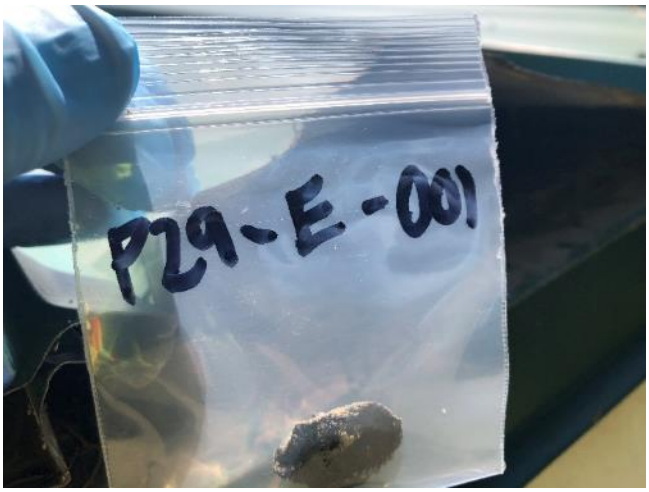
Client Name:	Site Location:	Project No.:
WisDOT	N7299 Service Rd, Parcel 29, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
46	7/17/2020

Description
Tar paper on 2-car garage roof, non-detect for ACM

Photo No.	Date
47	7/17/2020

Description
Tar on house roof, non-detect for ACM



Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	N7299 Service Rd, Parcel 29, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
48	7/17/2020

Description
Clear flashing sealant around vent on house roof, non-detect for ACM

Photo No.	Date
49	7/17/2020

Description
Clear flashing sealant around vent on house roof, non-detect for ACM

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	N7299 Service Rd, Parcel 29, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
50	7/17/2020

Description
Composite siding on house exterior, non-detect for ACM

Photo No.	Date
51	7/17/2020

Description
Composite siding backing on house exterior, non-detect for ACM

Photographic Log

Client Name:	Site Location:	Project No.:
WisDOT	N7299 Service Rd, Parcel 29, Trego, Washburn County	WisDOT #1197-00-20 TRC# 401359.0000

Photo No.	Date
52	7/17/2020

Description
Silicone sealant around house entry door and along concrete steps, non-detect for ACM

Appendix B: Laboratory Analytical Results

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

BULK ASBESTOS ANALYSIS REPORT

CLIENT: Wisconsin Department of Transportation

Lab Log #: 0055410
Project #: 401359.0000.0000
Date Received: 07/21/2020
Date Analyzed: 07/21/2020

Site: Parcel 29, Trego, WI

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
P29-1	Grey (pad)	No	Yes	1		- - -	ND	None
P29-1	Brown (laminate floor)	No	Yes	2	90%	cellulose	ND	None
P29-2	Grey (pad)	No	Yes	1		- - -	ND	None
P29-2	Brown (laminate floor)	No	Yes	2	90%	cellulose	ND	None
P29-3	Grey (pad)	No	Yes	1		- - -	ND	None
P29-3	Brown (laminate floor)	No	Yes	2	90%	cellulose	ND	None
P29-4	Light Brown (vinyl floor)	No	Yes	1	60%	cellulose	ND	None
P29-4	Gold/Brown (vinyl floor)	No	Yes	2		- - -	60%	Chrysotile
P29-5	Light Brown (vinyl floor)	No	Yes	1	60%	cellulose	ND	None
P29-5	- -	- -	- -	- -		- -	NA/PS	- -
P29-6	Light Brown (vinyl floor)	No	Yes	1	60%	cellulose	ND	None
P29-6	- -	- -	- -	- -		- -	NA/PS	- -
P29-7	White (mortar)	No	Yes	1		- - -	ND	None
P29-7	Brown (grout)	No	Yes	2		- - -	ND	None
P29-7	Brown (ceramic tile)	No	Yes	3		- - -	ND	None
P29-8	White (mortar)	No	Yes	1		- - -	ND	None
P29-8	Brown (grout)	No	Yes	2		- - -	ND	None
P29-8	Brown (ceramic tile)	No	Yes	3		- - -	ND	None

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
P29-9	White (mortar)	No	Yes	1		- - -	ND	None
P29-9	Brown (grout)	No	Yes	2		- - -	ND	None
P29-9	Brown (ceramic tile)	No	Yes	3		- - -	ND	None
P29-10	Brown (paper/mastic)	Yes	No	- -		- - -	ND	None
P29-11	Brown (paper/mastic)	Yes	No	- -		- - -	ND	None
P29-12	Brown (paper/mastic)	Yes	No	- -		- - -	ND	None
P29-13	Green/White/Yellow (padding)	No	Yes	1		- - -	ND	None
P29-13	Tan (mastic)	No	Yes	2		- - -	ND	None
P29-13	Brown (carpet)	No	Yes	3	99%	synthetic fiber	ND	None
P29-14	Green/White/Yellow (padding)	No	Yes	1		- - -	ND	None
P29-14	Tan (mastic)	No	Yes	2		- - -	ND	None
P29-14	Brown (carpet)	No	Yes	3	99%	synthetic fiber	ND	None
P29-15	Green/White/Yellow (padding)	No	Yes	1		- - -	ND	None
P29-15	Tan (mastic)	No	Yes	2		- - -	ND	None
P29-15	Brown (carpet)	No	Yes	3	99%	synthetic fiber	ND	None
P29-16	White (mesh/joint compound)	No	Yes	1		- - -	ND	None
P29-16	White (drywall)	No	Yes	2	2%	cellulose	ND	None
P29-17	White (mesh/joint compound)	No	Yes	1		- - -	ND	None
P29-17	White (drywall)	No	Yes	2	2%	cellulose	ND	None
P29-18	White (mesh/joint compound)	No	Yes	1		- - -	ND	None
P29-18	White (drywall)	No	Yes	2	2%	cellulose	ND	None
P29-19	Green/White/Yellow (padding)	No	Yes	1		- - -	ND	None
P29-19	Light Grey (mastic)	No	Yes	2		- - -	ND	None
P29-19	Brown (carpet)	No	Yes	3	99%	synthetic fiber	ND	None

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
P29-20	Green/White/Yellow (padding)	No	Yes	1		- - -	ND	None
P29-20	Light Grey (mastic)	No	Yes	2		- - -	ND	None
P29-20	Brown (carpet)	No	Yes	3	99%	synthetic fiber	ND	None
P29-21	Green/White/Yellow (padding)	No	Yes	1		- - -	ND	None
P29-21	Light Grey (mastic)	No	Yes	2		- - -	ND	None
P29-21	Brown (carpet)	No	Yes	3	99%	synthetic fiber	ND	None
P29-22	Tan (mastic)	No	Yes	1		- - -	ND	None
P29-22	Brown (vinyl floor)	No	Yes	2	60% 10%	cellulose synthetic fiber	ND	None
P29-23	Tan (mastic)	No	Yes	1		- - -	ND	None
P29-23	Brown (vinyl floor)	No	Yes	2	60% 10%	cellulose synthetic fiber	ND	None
P29-24	Tan (mastic)	No	Yes	1		- - -	ND	None
P29-24	Brown (vinyl floor)	No	Yes	2	60% 10%	cellulose synthetic fiber	ND	None
P29-25	Green/White/Yellow (padding)	No	Yes	1		- - -	ND	None
P29-25	Light Grey (mastic)	No	Yes	2		- - -	ND	None
P29-25	Light Brown (carpet)	No	Yes	3	99%	synthetic fiber	ND	None
P29-26	Green/White/Yellow (padding)	No	Yes	1		- - -	ND	None
P29-26	Light Grey (mastic)	No	Yes	2		- - -	ND	None
P29-26	Light Brown (carpet)	No	Yes	3	99%	synthetic fiber	ND	None
P29-27	Green/White/Yellow (padding)	No	Yes	1		- - -	ND	None
P29-27	Light Grey (mastic)	No	Yes	2		- - -	ND	None
P29-27	Light Brown (carpet)	No	Yes	3	99%	synthetic fiber	ND	None
P29-28	Brown (insulation)	Yes	No	- -	99%	cellulose	ND	None
P29-29	Brown (insulation)	Yes	No	- -	99%	cellulose	ND	None

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
P29-30	Brown (insulation)	Yes	No	- -	99%	cellulose	ND	None
P29-31	Tan (mastic)	No	Yes	1		- - -	ND	None
P29-31	Brown (vinyl floor)	No	Yes	2		- - -	3%	Chrysotile
P29-32	Tan (mastic)	No	Yes	1		- - -	ND	None
P29-32	- -	- -	- -	- -		- -	NA/PS	- -
P29-33	Tan (mastic)	No	Yes	1		- - -	ND	None
P29-33	- -	- -	- -	- -		- -	NA/PS	- -
P29-34	Light Grey (mastic)	No	Yes	1		- - -	ND	None
P29-34	Brown (carpet)	No	Yes	2	99%	synthetic fiber	ND	None
P29-35	Light Grey (mastic)	No	Yes	1		- - -	ND	None
P29-35	Brown (carpet)	No	Yes	2	99%	synthetic fiber	ND	None
P29-36	Light Grey (mastic)	No	Yes	1		- - -	ND	None
P29-36	Brown (carpet)	No	Yes	2	99%	synthetic fiber	ND	None
P29-37	Black (mastic)	Yes	No	- -		- - -	ND	None
P29-38	Black (mastic)	Yes	No	- -		- - -	ND	None
P29-39	Black (mastic)	Yes	No	- -		- - -	ND	None
P29-40	White/Orange-Brown (ceiling tile)	Yes	No	- -	99%	cellulose	ND	None
P29-41	White/Orange-Brown (ceiling tile)	Yes	No	- -	99%	cellulose	ND	None
P29-42	White/Orange-Brown (ceiling tile)	Yes	No	- -	99%	cellulose	ND	None
P29-43	Grey/White/Yellow (padding)	No	Yes	1		- - -	ND	None
P29-43	White (mastic)	No	Yes	2	60%	synthetic fiber	ND	None
P29-43	Cream (carpet)	No	Yes	3	99%	synthetic fiber	ND	None

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POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
P29-44	Grey/White/Yellow (padding)	No	Yes	1		- - -	ND	None
P29-44	White (mastic)	No	Yes	2	60%	synthetic fiber	ND	None
P29-44	Cream (carpet)	No	Yes	3	99%	synthetic fiber	ND	None
P29-45	Grey/White/Yellow (padding)	No	Yes	1		- - -	ND	None
P29-45	White (mastic)	No	Yes	2	60%	synthetic fiber	ND	None
P29-45	Cream (carpet)	No	Yes	3	99%	synthetic fiber	ND	None

Reporting limit- asbestos present at 1%
ND - asbestos was not detected
Trace - asbestos was observed at level of less than 1%
NA/PS - Not Analyzed / Positive Stop
SNA- Sample Not Analyzed- See Chain of Custody for details

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2020. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2020. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

Analyzed by: K. Williamson — Kathleen Williamson, Laboratory Manager

Reviewed by: Cathryn Lemire, Approved Signatory

Date Issued
07/22/2020

Edition: January 2020

Supersede Previous Edition

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 55410

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
401359.0000.0000.	~~DOT Bridge Inspection~~ Parcel 29		PLM: 8hr 24hr X 48hr ~~X~~ ~~3day~~ 5A1 TEM: 24hr 48hr 3day 5day
SIGNATURE	INSPECTOR		
	John Roelke		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE: COMP	TYPE: GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
P29-01	7/17/20	10:15		X	See attached Sample Logs	X		X			See attached Sample logs
P29-45	〃	〃		〃	〃	〃		〃			〃

Relinquished by: (Signature)	Date:	Received by: (Signature)		Relinquished by: (Signature)	Date:	Received by: (Signature)
(Printed) John Roelke	Time: 17:00	(Printed) Joel Corso	7/21/20 0930	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples:
Acceptable: Yes ✓ No
Comments:

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

BULK ASBESTOS ANALYSIS REPORT

CLIENT: Wisconsin Department of Transportation

Lab Log #: 0055413
Project #: 401359.0000.0000
Date Received: 07/22/2020
Date Analyzed: 07/22/2020

Site: Parcel 29, Trego, WI

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
P29-G1-001	Black/Green/Grey (shingle)	Yes	No	- -	20%	fibrous glass	ND	None
P29-G1-002	Black/Green/Grey (shingle)	Yes	No	- -	20%	fibrous glass	ND	None
P29-G1-003	Black/Green/Grey (shingle)	Yes	No	- -	20%	fibrous glass	ND	None
P29-G1-004	Black (tar paper)	Yes	No	- -	80%	cellulose	ND	None
P29-G1-005	Black (tar paper)	Yes	No	- -	80%	cellulose	ND	None
P29-G1-006	Black (tar paper)	Yes	No	- -	80%	cellulose	ND	None
P29-G1-007	Grey/White (window caulking)	Yes	No	- -		- - -	3%	Chrysotile
P29-G1-008	- -	- -	- -	- -		- -	NA/PS	- -
P29-G1-009	- -	- -	- -	- -		- -	NA/PS	- -
P29-G1-010	Black/Red/Brown (composite siding backing)	Yes	No	- -	60%	cellulose	ND	None
P29-G1-011	Black/Red/Brown (composite siding backing)	Yes	No	- -	60%	cellulose	ND	None
P29-G1-012	Black/Red/Brown (composite siding backing)	Yes	No	- -	60%	cellulose	ND	None
P29-G1-013	Brown (composite siding)	Yes	No	- -	90%	cellulose	ND	None
P29-G1-014	Brown (composite siding)	Yes	No	- -	90%	cellulose	ND	None
P29-G1-015	Brown (composite siding)	Yes	No	- -	90%	cellulose	ND	None

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POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type

Reporting limit- asbestos present at 1%
ND - asbestos was not detected
Trace - asbestos was observed at level of less than 1%
NA/PS - Not Analyzed / Positive Stop
SNA- Sample Not Analyzed- See Chain of Custody for details

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

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Analyzed by: K. Williamson — Kathleen Williamson, Laboratory Manager

Reviewed by: Cathryn Lemire — Cathryn Lemire, Approved Signatory

Date Issued 07/23/2020

Edition: January 2020

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 55413

PROJECT NUMBER	PROJECT NAME
401359	WisDOT – Trego, WI

SIGNATURE	INSPECTOR
	Tom Perkins (AII-252595)

PARAMETERS

TURNAROUND TIME

PLM:		8hr		24hr	X	48hr		3day	
TEM:		24hr		48hr		3day		5day	

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
P29-G1-001	7/17/20	1100		x	Garage roof	x		x			Shingles
P29-G1-002	7/17/20	1101		x	Garage roof	x		x			Shingles
P29-G1-003	7/17/20	1102		x	Garage roof	x		x			Shingles
P29-G1-004	7/17/20	1103		x	Garage roof	x		x			Tar paper
P29-G1-005	7/17/20	1104		x	Garage roof	x		x			Tar paper
P29-G1-006	7/17/20	1105		x	Garage roof	x		x			Tar paper
P29-G1-007	7/17/20	1110		x	Garage window	x		x			Window caulking
P29-G1-008	7/17/20	1111		x	Garage window	x		x			Window caulking
P29-G1-009	7/17/20	1112		x	Garage window	x		x			Window caulking
P29-G1-010	7/17/20	1115		x	Garage wall	x		x			Composite siding backing
P29-G1-011	7/17/20	1116		x	Garage wall	x		x			Composite siding backing
P29-G1-012	7/17/20	1117		x	Garage wall	x		x			Composite siding backing
P29-G1-013	7/17/20	1120		x	Garage exterior	x		x			Composite siding
P29-G1-014	7/17/20	1121		x	Garage exterior	x		x			Composite siding
P29-G1-015	7/17/20	1122		x	Garage exterior	x		x			Composite siding

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	7/21/20	7/22/20			
(Printed) Tom Perkins	Time: 1900	(Printed) 0530	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples:
Acceptable: Yes ✓ No
Comments:

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

BULK ASBESTOS ANALYSIS REPORT

CLIENT: Wisconsin Department of Transportation

Lab Log #:	0055414
Project #:	401359.0000.0000
Date Received:	07/22/2020
Date Analyzed:	07/23/2020

Site: Parcel 29, Trego, WI

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
P29-G2-001	Tan (composite siding)	Yes	No	- -	90%	cellulose	ND	None
P29-G2-002	Tan (composite siding)	Yes	No	- -	90%	cellulose	ND	None
P29-G2-003	Tan (composite siding)	Yes	No	- -	90%	cellulose	ND	None
P29-G2-004	Black/Brown (composite siding backing)	Yes	No	- -	90%	cellulose	ND	None
P29-G2-005	Black/Brown (composite siding backing)	Yes	No	- -	90%	cellulose	ND	None
P29-G2-006	Black/Brown (composite siding backing)	Yes	No	- -	90%	cellulose	ND	None
P29-G2-007	White (window caulking)	Yes	No	- -		- - -	ND	None
P29-G2-008	White (window caulking)	Yes	No	- -		- - -	ND	None
P29-G2-009	White (window caulking)	Yes	No	- -		- - -	ND	None
P29-G2-010	Black/Green (shingle)	Yes	No	- -	30%	fibrous glass	ND	None
P29-G2-011	Black/Green (shingle)	Yes	No	- -	30%	fibrous glass	ND	None
P29-G2-012	Black/Green (shingle)	Yes	No	- -	30%	fibrous glass	ND	None
P29-G2-013	Black (tar paper)	Yes	No	- -	80%	cellulose	ND	None
P29-G2-014	Black (tar paper)	Yes	No	- -	80%	cellulose	ND	None
P29-G2-015	Black (tar paper)	Yes	No	- -	80%	cellulose	ND	None

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(860) 298-6308

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type

Reporting limit- asbestos present at 1%
ND - asbestos was not detected
Trace - asbestos was observed at level of less than 1%
NA/PS - Not Analyzed / Positive Stop
SNA- Sample Not Analyzed- See Chain of Custody for details

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

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Analyzed by: K. Williamson — Kathleen Williamson, Laboratory Manager

Reviewed by: Cathryn Lemire — Cathryn Lemire, Approved Signatory

Date Issued
07/23/2020

Edition: January 2020

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TRC

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 55414

PROJECT NUMBER	PROJECT NAME
401359	WisDOT – Trego, WI

SIGNATURE	INSPECTOR
	Tom Perkins (AII-252595)

PARAMETERS

TURNAROUND TIME

PLM:		8hr		24hr	X	48hr		3day
TEM:		24hr		48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
P29-G2-001	7/17/20	1135		x	Garage exterior	x		x			Composite siding
P29-G2-002	7/17/20	1136		x	Garage exterior	x		x			Composite siding
P29-G2-003	7/17/20	1137		x	Garage exterior	x		x			Composite siding
P29-G2-004	7/17/20	1140		x	Garage exterior	x		x			Composite siding backing
P29-G2-005	7/17/20	1141		x	Garage wall	x		x			Composite siding backing
P29-G2-006	7/17/20	1142		x	Garage wall	x		x			Composite siding backing
P29-G2-007	7/17/20	1145		x	Garage windows	x		x			Window caulking
P29-G2-008	7/17/20	1146		x	Garage windows	x		x			Window caulking
P29-G2-009	7/17/20	1147		x	Garage windows	x		x			Window caulking
P29-G2-010	7/17/20	1150		x	Garage roof	x		x			Shingles
P29-G2-011	7/17/20	1151		x	Garage roof	x		x			Shingles
P29-G2-012	7/17/20	1152		x	Garage roof	x		x			Shingles
P29-G2-013	7/17/20	1155		x	Garage roof	x		x			Tar paper
P29-G2-014	7/17/20	1156		x	Garage roof	x		x			Tar paper
P29-G2-015	7/17/20	1157		x	Garage roof	x		x			Tar paper

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	7/20/20	7/22/20			
(Printed)	Time:	(Printed)	(Printed)	Time:	(Printed)
Tom Perkins	1900	0830 K Williamson			

Remarks:

Condition of Samples:
Acceptable: Yes ✓ No
Comments:

ID1197-00-20, Parcel 29

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

BULK ASBESTOS ANALYSIS REPORT

CLIENT: Wisconsin Department of Transportation

Lab Log #: 0055415
Project #: 401359.0000.0000
Date Received: 07/22/2020
Date Analyzed: 07/22/2020

Site: Parcel 29, Trego, WI

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
P29-E-001	Black (roofing tar)	Yes	No	- -	20%	fibrous glass	ND	None
P29-E-002	Black (roofing tar)	Yes	No	- -	20%	fibrous glass	ND	None
P29-E-003	Black (roofing tar)	Yes	No	- -	20%	fibrous glass	ND	None
P29-E-004	Colorless (flashing sealant)	Yes	No	- -		- - -	ND	None
P29-E-005	Colorless (flashing sealant)	Yes	No	- -		- - -	ND	None
P29-E-006	Colorless (flashing sealant)	Yes	No	- -		- - -	ND	None
P29-E-007	Colorless (flashing sealant)	Yes	No	- -		- - -	ND	None
P29-E-008	Colorless (flashing sealant)	Yes	No	- -		- - -	ND	None
P29-E-009	Colorless (flashing sealant)	Yes	No	- -		- - -	ND	None
P29-E-010	Colorless (flashing sealant)	Yes	No	- -		- - -	ND	None
P29-E-011	Colorless (flashing sealant)	Yes	No	- -		- - -	ND	None
P29-E-012	Colorless (flashing sealant)	Yes	No	- -		- - -	ND	None
P29-E-013	White/Brown (composite siding)	Yes	No	- -	99%	cellulose	ND	None
P29-E-014	White/Brown (composite siding)	Yes	No	- -	99%	cellulose	ND	None
P29-E-015	White/Brown (composite siding)	Yes	No	- -	99%	cellulose	ND	None
P29-E-016	Black/Red/Brown (composite siding backing)	Yes	No	- -	60%	cellulose	ND	None
P29-E-017	Black/Red/Brown (composite siding backing)	Yes	No	- -	60%	cellulose	ND	None
P29-E-018	Black/Red/Brown (composite siding backing)	Yes	No	- -	60%	cellulose	ND	None

Industrial Hygiene Laboratory
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(860) 298-6308

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type
P29-E-019	White (sealant)	Yes	No	- -	- - -	ND	None
P29-E-020	White (sealant)	Yes	No	- -	- - -	ND	None
P29-E-021	White (sealant)	Yes	No	- -	- - -	ND	None

Reporting limit- asbestos present at 1%
ND - asbestos was not detected
Trace - asbestos was observed at level of less than 1%
NA/PS - Not Analyzed / Positive Stop
SNA- Sample Not Analyzed- See Chain of Custody for details

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Analyzed by: K. Williamson — Kathleen Williamson, Laboratory Manager

Reviewed by: Cathryn Lemire — Cathryn Lemire, Approved Signatory

Date Issued
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Edition: January 2020

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ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 55415

PROJECT NUMBER	PROJECT NAME
401359	WisDOT – Trego, WI

SIGNATURE	INSPECTOR
Z. R	Tom Perkins (AII-252595)

PARAMETERS

TURNAROUND TIME

PLM:		8hr		24hr	X	48hr		3day
TEM:		24hr		48hr		3day		5day

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
P29-E-001	7/17/20	1215	x		Roof	x		x			Roofing tar
P29-E-002	7/17/20	1216	x		Roof	x		x			Roofing tar
P29-E-003	7/17/20	1217	x		Roof	x		x			Roofing tar
P29-E-004	7/17/20	1220	x		Roof vent	x		x			Flashing sealant
P29-E-005	7/17/20	1221	x		Roof vent	x		x			Flashing sealant
P29-E-006	7/17/20	1222	x		Roof vent	x		x			Flashing sealant
P29-E-007	7/17/20	1225	x		Roof vent	x		x			Flashing sealant
P29-E-008	7/17/20	1226	x		Roof vent	x		x			Flashing sealant
P29-E-009	7/17/20	1227	x		Roof vent	x		x			Flashing sealant
P29-E-010	7/17/20	1230	x		Roof vent	x		x			Flashing sealant
P29-E-011	7/17/20	1231	x		Roof vent	x		x			Flashing sealant
P29-E-012	7/17/20	1232	x		Roof vent	x		x			Flashing sealant
P29-E-013	7/17/20	1235	x		House exterior	x		x			Composite siding
P29-E-014	7/17/20	1236	x		House exterior	x		x			Composite siding
P29-E-015	7/17/20	1237	x		House exterior	x		x			Composite siding
P29-E-016	7/17/20	1240	x		House exterior	x		x			Composite siding backing
P29-E-017	7/17/20	1241	x		House exterior	x		x			Composite siding backing
P29-E-018	7/17/20	1242	x		House exterior	x		x			Composite siding backing

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
Z. R	7/20/20	7/22/20			
(Printed)	Time:	(Printed)	(Printed)	Time:	(Printed)
Tom Perkins	1900	0830 K Williamson			

Remarks:

Condition of Samples:
Acceptable: Yes ✓ No
Comments:

ID1197-00-20, Parcel 29

Edition: January 2020

Supersede Previous Edition

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

LAB ID #. 55415

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
401359	WisDOT – Trego, WI		PLM: [ ] 8hr [ ] 24hr [X] 48hr [ ] 3day
			TEM: [ ] 24hr [ ] 48hr [ ] 3day [ ] 5day
SIGNATURE	INSPECTOR		
	Tom Perkins (AII-252595)		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
P29-E-0019	7/17/20	1245		x	House entry door/concrete steps	x		x			Sealant
P29-E-020	7/17/20	1246		x	House entry door/concrete steps	x		x			Sealant
P29-E-021	7/17/20	1247		x	House entry door/concrete steps	x		x			Sealant

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	7/20/220				
(Printed) Tom W. Perkins	Time: 1900	(Printed) Kathleen Williamson 0830	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples:
Acceptable: Yes ___/___ No ___
Comments:

ID1197-00-20, Parcel 29

Exhibits

ID: 1197-00-20 – Parcel 35

Removal, Grading, Backfill

Location Map

Photos

Asbestos Inspection Report

Remove: Parcel 35:

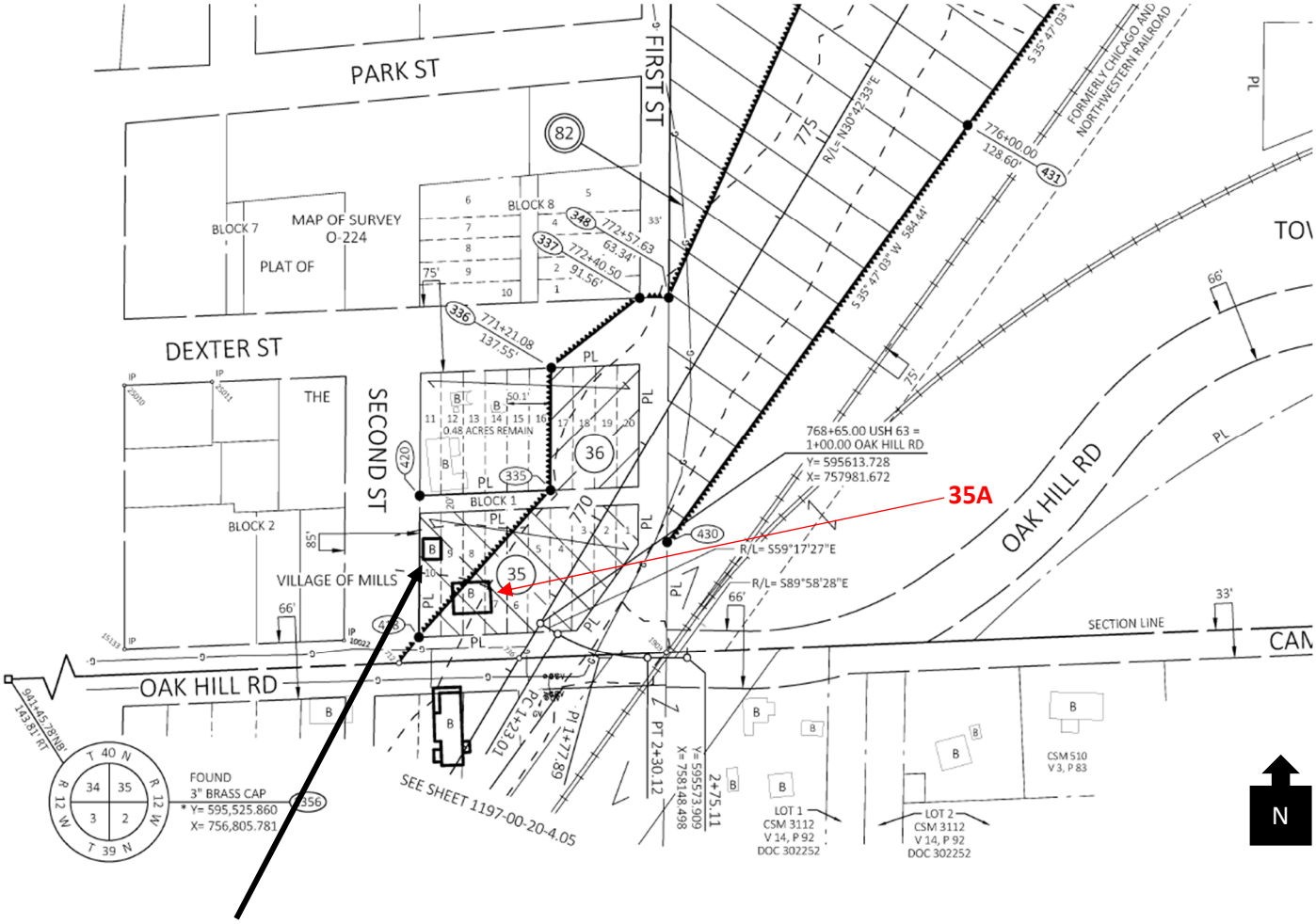
The parcel includes one building improvement to be removed. In addition, there is chicken wire fencing surrounding a garden. Should the previous owner not have this removed, it will be made part of this contract and will need to be cleared.

Improvement 35A: 1,312 square foot ranch style home. The exterior has hardboard siding with an asphalt shingle roof. The home has a total of six rooms including three bedrooms and two full baths above grade. There is a part basement / part crawl space, deck, patio, and fenced garden. The subject is in average physical condition with updates to the home (approximately 2012) including furnace and water heater. The home has well/septic and they will need to be removed.

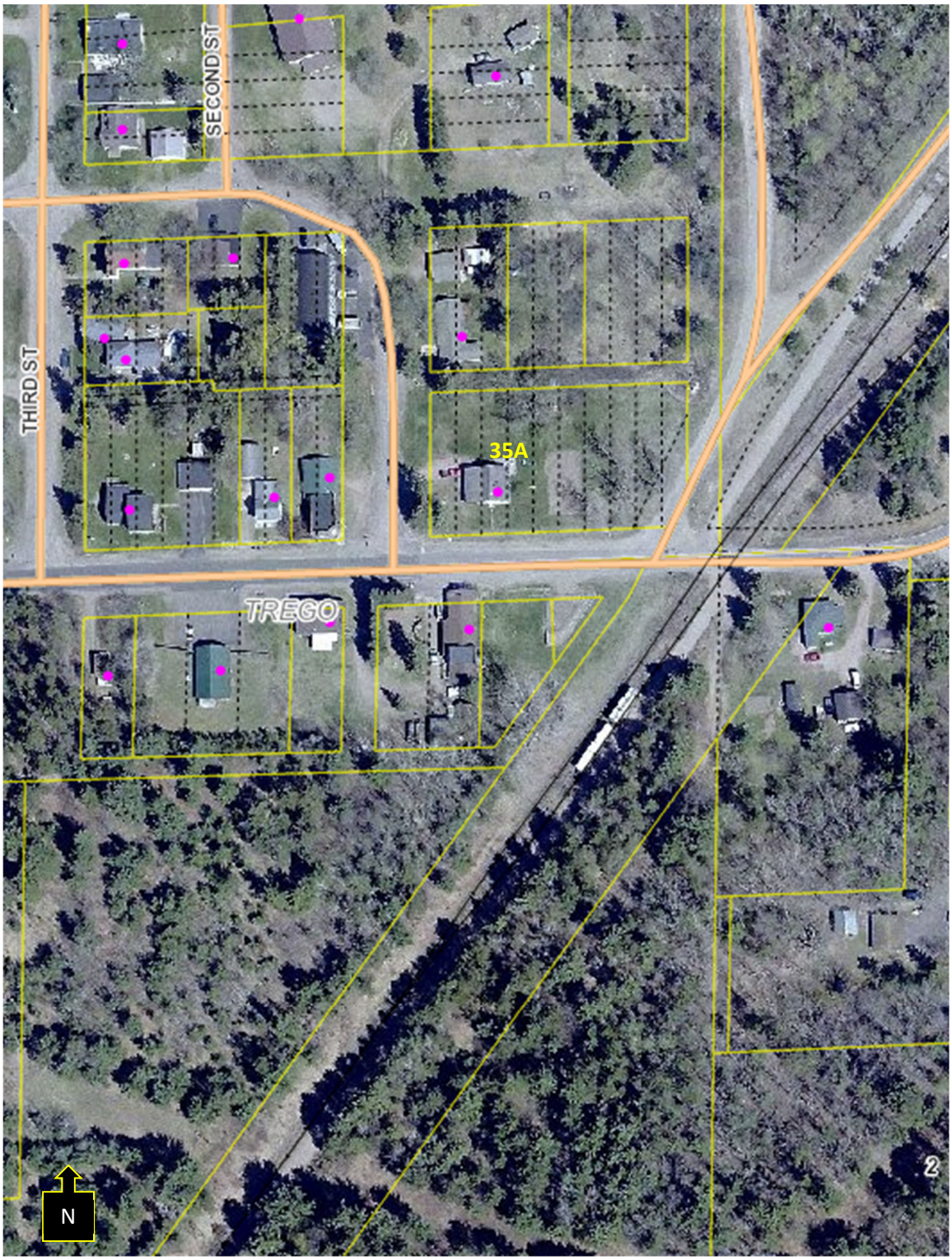
Grading: As directed by the State Department of Transportation inspector. Reference Special Provisions – Article 2 – Item #5.

Floor Plan – Following Pages

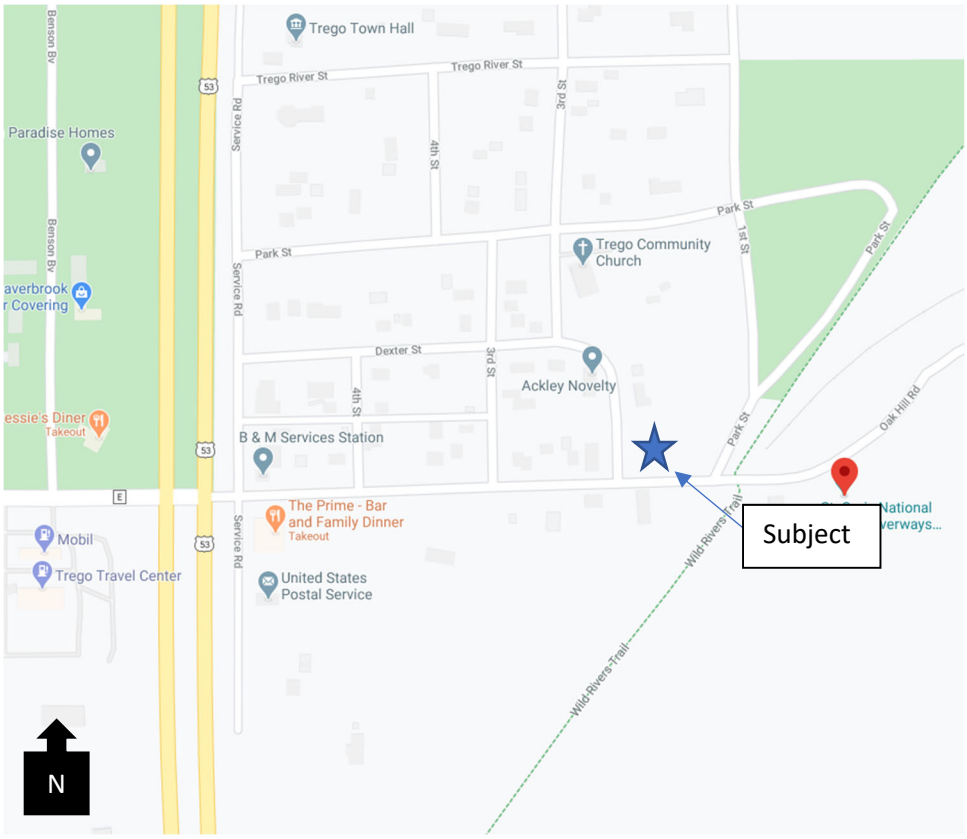
Backfill: Reference subsection 204.3.1.2 of the Standard Specifications, Septic Tank-Granular Material; Well-Concrete or other Material Acceptable to Wisconsin Department of Natural Resources.



***Building adjacent to 35A has been removed by owner and is not part of this contract.**



ID: 1197-00-20, Parcel 35



ID: 1197-00-20, Parcel 35

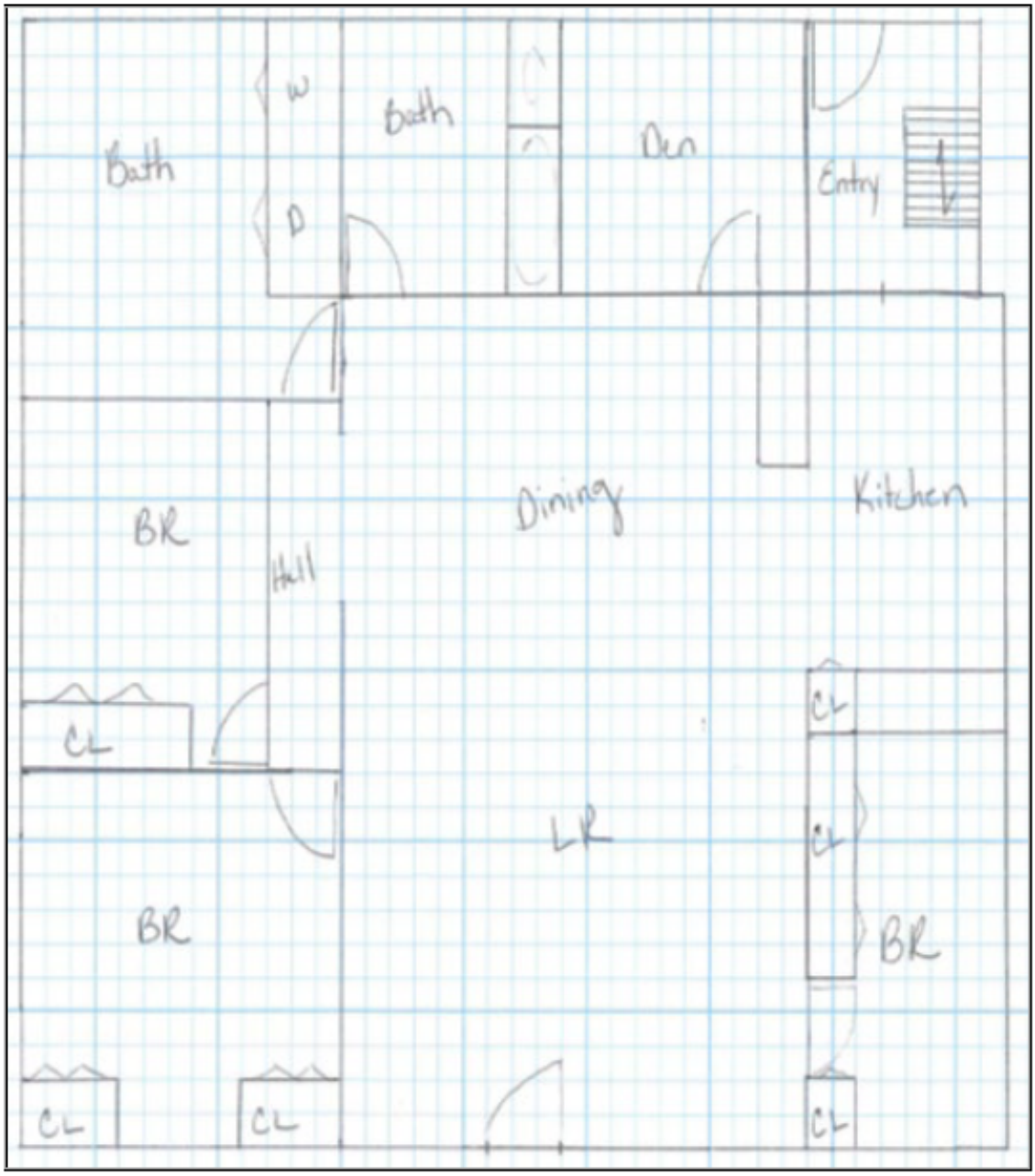


Figure 1: Layout of Building 35A

Figure 2: Building 35A, View of South Side

Figure 3: Building 35A, View of North Side

Figure 4: Fenced Garden, View of North Side

3159 VOYAGER DRIVE
GREEN BAY, WI 54311
920.455.8200 PHONE

Asbestos Building Inspection Report

WisDOT Project ID: 1197-00-20
Structure: Parcel 35, Trego Interchange, USH 53
Location: W5618 Oak Hill Road
City/County: Town of Trego, Washburn County, Wisconsin
GEI project Number: 2000318
Date Inspected: January 23, 2020
Inspected by: Jeffrey L. Carlson and Paul M. Garvey
Asbestos Inspector License Number: AII-3420 and AII-117079
Consultant Company: GEI Consultants, Inc.

Executive Summary:

An asbestos inspection of Structure B-66-0100 was conducted on January 16, 2017 by Jeff Carlson and Paul Garvey, (Asbestos Inspector License Numbers AII-3420 and AII-117079). Asbestos-containing material (ACM) was not present in the bulk sampling conducted on this structure. However, GEI did not access the electrical component boxes as the structure was energized. Therefore, the electrical boxes component materials are presumed to contain asbestos materials.

The inspection to identify and collect samples of potential ACM was completed following WisDOT standard sampling procedures for bridge inspections found in FDM 21-5.

The presumed ACM (PACM) has been found in the Parcel 35 Structure (Table 1). If the electrical boxes containing PACM are removed and recycled or handled appropriately with the other universal wastes, the structure can be considered not to contain ACM. The contractor will be responsible for completion of the Notification of Demolition and/or Renovation (DNR form 4500-113), if required.

In addition to ACM, the hazardous materials assessment also included visual observations for other materials identified in the WDNR's Planning Your Demolition or Renovation Project (DNR Publication WA-651). A list of the other potentially hazardous materials is summarized on Table 2. All lamps, ballasts, mercury containing switches or other universal wastes must be disposed of through the statewide hazardous waste disposal contract. Disposal procedures are outlined in FDM 21-35-35.

A copy of the inspection report is available from the region office.

Table of Contents:

Body of Report
- ACM
- Presumed ACM
- Regulated ACM
- Other Potential Hazardous Materials
- Recommendations
- General Qualifications
- Attachments

Body of Report:

The project consisted of performing a pre-demolition asbestos and hazardous materials assessment associated with the demolition of the structure. The asbestos and hazardous materials assessment activities were performed in general accordance with the Wisconsin Department of Natural Resources (WDNR*) Planning Your Demolition or Renovation Project* (DNR Publication WA-651). Hazardous materials assessment field activities were conducted on January 23, 2020, by GEI representatives Jeffrey Carlson (Wisconsin Certified Asbestos Inspector No. AII-3420) and Paul Garvey (Wisconsin Certified Asbestos Inspector No. AII-117079). The property consisted of an unoccupied single-family structure with no attached or detached garage.

During this assessment bulk samples of building materials were collected (see attached Table 1) in accordance with Occupational Safety and Health Administration (OSHA) Standard 1926.1101(k)(5)(ii)(b), Communication of Hazards. Asbestos bulk sample locations are illustrated on Figures 1 and 2. The bulk samples were submitted to Environmental Hazards Services, LLC (EHS) of Richmond, Virginia, a National Volunteer Laboratory Accreditation Program laboratory, for bulk asbestos sample analysis. Analysis was conducted using the EPA-recommended "Polarized Light Microscopy with Dispersion Staining Method." Point counting of bulk samples is required by the Wisconsin Department of Natural Resources (WDNR) Bureau of Air Management to confirm the PLM analytical results for materials which are reported to contain less than 10 percent asbestos unless the material is assumed to be asbestos and handled as such.

ACM

Administrative Code Chapter NR 447.02 (NR 447.02), any material containing greater than 1% asbestos is a potentially regulated ACM. For the purposes of this report, we are assuming any detectable asbestos is a potentially regulated ACM. Analytical results for bulk sample materials submitted indicated no asbestos detected (NAD) except for the following.

- GEI did not access the electrical component boxes. Therefore, the electrical component materials are assumed to contain Category II non-friable asbestos in the phenolic resin components. If the material is to be removed in such a manner as to make the material friable, confirmatory bulk sample collection and analysis should occur or the material should be considered an asbestos containing material and should be handled appropriately.

Presumed ACM

In addition to identifying ACM within a structure to comply with WDNR and EPA regulations, OSHA requires that building owners identify presumed asbestos-containing material (PACM). OSHA Standard 1926.1101 defines PACM as thermal system insulation (TSI), sprayed or troweled-on materials, asphalt, and vinyl flooring materials found in structures constructed no later than 1980. According to OSHA Standard 1926.1101(k)(1), "Employers and building owners shall identify TSI and sprayed or troweled-on surfacing materials in buildings as asbestos-containing, unless they determine, in compliance with Paragraph (k)(5) of 1926.1101, that the material is not asbestos-containing." The Standard also considers asphalt and vinyl flooring material installed no later than 1980 as PACM, unless analytical results from bulk samples collected and analyzed in compliance with Paragraph (k)(5) of 1926.1101 indicate that they are not asbestos-containing. This survey is intended to comply only with WDNR and EPA regulations. Accordingly, the information provided on OSHA is supplemental to this report.

Regulated ACM

Wisconsin Administrative Code Chapter NR 447.02 defines a regulated asbestos-containing material (RACM) as any ACM that is "friable; Category I non-friable in poor condition; Category I non-friable that will be or has been subject to sanding, cutting, grinding, or abrading; or Category II non-friable that has a high probability of becoming, or has

become, friable due to demolition or renovation activities." To comply with EPA and NR 447, RACM must be removed prior to demolition or renovation activities. Analytical results for all bulk sample materials submitted did not indicate the presence of RACM.

Other Potential Hazardous Materials

In addition to ACM, the hazardous materials assessment also included visual observations for other materials identified in the WDNR's Planning Your Demolition or Renovation Project (DNR Publication WA-651). The facility equipment designated for disposal was assessed for components potentially containing lead (e.g., soldered electrical components and batteries); mercury (e.g., fluorescent lights, metal halide lamps, electrical switches, temperature, pressure and flow switches and measurement devices); PCBs (e.g., light ballasts); refrigerants and halons (e.g., air conditioners, refrigerators, fire control equipment); oil and chemicals; and radioactive materials (e.g., self-luminous exit signs, smoke detectors). GEI visually assessed the structure for the presence of hazardous materials.

A list of the other potentially hazardous materials is summarized on Table 2. All lamps, ballasts, mercury containing switches or other universal wastes must be disposed of through the statewide hazardous waste disposal contract. Disposal procedures are outlined in FDM 21-35-35. Locations of materials summarized above are illustrated on Figure 3.

Recommendations

Methodology employed while conducting this survey complies with state and federal regulations concerning identification, sample collection, analytical processes, and reporting. Therefore, we recommend the building owner communicate this information to outside contractors performing any construction activities that would disturb the ACM.

To comply with OSHA regulations, ACM that will be disturbed during renovation activities should be removed and properly disposed of by an asbestos abatement contractor prior to any renovation.

Suspect ACM and PACM encountered during demolition or renovation activities, which was hidden from view, located in areas not accessible, or not sampled at Client's request will require further sampling and analysis.

General Qualifications

The scope of this asbestos survey is limited to the location of the sampling described herein. Conclusions in this report are based on conditions observed in the accessible areas of the structure. Test results submitted with this report represent specific area(s) as identified by the sample numbers. Material quantities summarized on the Material Identification Tables are approximate estimates only and should not be used for bidding purposes by contractors. Contractors shall measure and verify quantities on location prior to bidding asbestos-related activities. Variations may be present within the structure, which were not observed during this building survey. This report has been prepared with generally accepted environmental practices and procedures. No other warranty, either expressed or implied, is made. Additional PACM encountered that will be disturbed during demolition or renovation activities, differs from materials sampled during this survey, was hidden from view, or located in areas not accessible, will require further sampling and analysis.

If you have any questions, please contact us at (920) 455-8200.

GEI CONSULTANTS, INC.

Jeffrey L. Carlson
Environmental Scientist

Paul M. Garvey
Senior Scientist

Attachments:
Table 1 – Bulk Asbestos Sample Log
Table 2 – Other Potential Hazardous Materials Inventory
Figure 1 – Asbestos Bulk Sample Locations – Main Level
Figure 2 – Asbestos Bulk Sample Locations – Basement Level
Figure 3 – Other Potential Hazardous Materials Locations
Photographic Log
Laboratory Analytical Report
Inspector Certification Credentials

GEI Consultants, Inc.
Table 1 - Bulk Asbestos Sample Log

GEI Consultants

Project Name	WisDOT ID 1197-00-20, USH 52, Parcel 35 - Washburn County	**Location:**	W5618 Oak Hill Road, Trego, Wisconsin
Project No.	2000318	**Date:**	1/23/2020
Inspector:	Jeffrey S. Carlson (AII-3420)		

Sample No.	Sample Location	Material Description	Material Code	Approx. Quantity	Unit	Asbestos Type	Condition	Asbestos Content	Friable/ Non-Friable
Presumed	Basement walls	3 Electrical boxes black phenolic resin components	M	3	SF	Category II	Good	Presumed	Non-Friable
Presumed	Northwest Bath	1 Electrical box with black phenolic resin components	M	1	SF	Category II	Good	Presumed	Non-Friable
001A	East basement wall	White Caulk	M	N/A	N/A	N/A	N/A	NAD	N/A
001B	East basement wall	White Caulk	M	N/A	N/A	N/A	N/A	NAD	N/A
001C	East basement wall	White Caulk	M	N/A	N/A	N/A	N/A	NAD	N/A
002A	Basement	Black/Gray Fibrous Material Between Joists	M	N/A	N/A	N/A	N/A	NAD	N/A
002B	Basement	Black/Gray Fibrous Material Between Joists	M	N/A	N/A	N/A	N/A	NAD	N/A
002C	Basement	Black/Gray Fibrous Material Between Joists	M	N/A	N/A	N/A	N/A	NAD	N/A
003A	Basement - East	Mason Block	M	N/A	N/A	N/A	N/A	NAD	N/A
003B	Basement - West	Mason Block	M	N/A	N/A	N/A	N/A	NAD	N/A
003C	Basement - North	Mason Block	M	N/A	N/A	N/A	N/A	NAD	N/A
004A	Basement - East	Mason Block Mortor	M	N/A	N/A	N/A	N/A	NAD	N/A
004B	Basement - West	Mason Block Mortor	M	N/A	N/A	N/A	N/A	NAD	N/A
004C	Basement - North	Mason Block Mortor	M	N/A	N/A	N/A	N/A	NAD	N/A
005A	Basement - North	Black Fibrous Paper Under 1st Floor	M	N/A	N/A	N/A	N/A	NAD	N/A
005B	Basement - North	Black Fibrous Paper Under 1st Floor	M	N/A	N/A	N/A	N/A	NAD	N/A
005C	Basement - North	Black Fibrous Paper Under 1st Floor	M	N/A	N/A	N/A	N/A	NAD	N/A
006A	Basement - North	Gray Fibrous Paper Between Joists	M	N/A	N/A	N/A	N/A	NAD	N/A
006B	Basement - North	Gray Fibrous Paper Between Joists	M	N/A	N/A	N/A	N/A	NAD	N/A
006C	Basement - North	Gray Fibrous Paper Between Joists	M	N/A	N/A	N/A	N/A	NAD	N/A
007A	Basement Stairs	Stone Morter	M	N/A	N/A	N/A	N/A	NAD	N/A
007B	Basement Stairs	Stone Morter	M	N/A	N/A	N/A	N/A	NAD	N/A
007C	Basement Stairs	Stone Morter	M	N/A	N/A	N/A	N/A	NAD	N/A
008A	Hallwall - North	Laminent Flooring	M	N/A	N/A	N/A	N/A	NAD	N/A
008A	Hallwall - North	Laminent Flooring Yellow Mastic	M	N/A	N/A	N/A	N/A	NAD	N/A
008B	Hallwall - North	Laminent Flooring	M	N/A	N/A	N/A	N/A	NAD	N/A
008B	Hallwall - North	Laminent Flooring Yellow Mastic	M	N/A	N/A	N/A	N/A	NAD	N/A
008C	Hallwall - North	Laminent Flooring	M	N/A	N/A	N/A	N/A	NAD	N/A
008C	Hallwall - North	Laminent Flooring Yellow Mastic	M	N/A	N/A	N/A	N/A	NAD	N/A
009A	North Entry - Northwest	Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
009B	North Entry - North Wall	Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
009C	North Entry - East Wall	Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
010A	Northeast Entry	Drywall & Joint Compound	M	N/A	N/A	N/A	N/A	NAD	N/A
010B	Post/Pillar	Drywall & Joint Compound	M	N/A	N/A	N/A	N/A	NAD	N/A
010C	North	Drywall & Joint Compound	M	N/A	N/A	N/A	N/A	NAD	N/A
011A	Kitchen - North	Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
011B	Kitchen - East	Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
011C	Kitchen - South	Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A

ID1197-00-20, Parcel 35

Notes:
M – Miscellaneous Material
S – Surfacing Material
T - Thermal Insulation
N/A - Not Applicable
SF - Square Feet
CF – Cubic Feet
LF – Linear Feet
NAD - No Asbestos Detected
NT - Not Tested
ACM - Asbestos Containing Material

GEI Consultants, Inc.
Table 1 - Bulk Asbestos Sample Log

GEI Consultants

Project Name	WisDOT ID 1197-00-20, USH 52, Parcel 35 - Washburn County	**Location:**	W5618 Oak Hill Road, Trego, Wisconsin
Project No.	2000318	**Date:**	1/23/2020
Inspector:	Jeffrey S. Carlson (AII-3420)		

Sample No.	Sample Location	Material Description	Material Code	Approx. Quantity	Unit	Asbestos Type	Condition	Asbestos Content	Friable/ Non-Friable
012A	Kitchen - North	Drywall & Joint Compound	M	N/A	N/A	N/A	N/A	NAD	N/A
012B	Kitchen - East	Drywall & Joint Compound	M	N/A	N/A	N/A	N/A	NAD	N/A
012C	Kitchen - South	Drywall & Joint Compound	M	N/A	N/A	N/A	N/A	NAD	N/A
013A	Southeast Bedroom - North	Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
013B	Southeast Bedroom - East	Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
013C	Southeast Bedroom - South	Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
014A	Southeast Bedroom - North	Drywall & Joint Compound	M	N/A	N/A	N/A	N/A	NAD	N/A
014B	Southeast Bedroom - East	Drywall & Joint Compound	M	N/A	N/A	N/A	N/A	NAD	N/A
014C	Southeast Bedroom - South	Drywall & Joint Compound	M	N/A	N/A	N/A	N/A	NAD	N/A
015A	Dining Room - East	Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
015B	Dining Room - West	Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
015C	Dining Room - North	Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
016A	Dining Room - Southeast	Drywall & Joint Compound	M	N/A	N/A	N/A	N/A	NAD	N/A
016B	Dining Room - Southwest	Drywall & Joint Compound	M	N/A	N/A	N/A	N/A	NAD	N/A
016C	Dining Room - Northwest	Drywall & Joint Compound	M	N/A	N/A	N/A	N/A	NAD	N/A
017A	North Bedroom - East	Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
017B	North Bedroom - West	Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
017C	North Bedroom - South	Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
018A	North Bedroom - Southwest	Drywall & Joint Compound	M	N/A	N/A	N/A	N/A	NAD	N/A
018B	North Bedroom - Northwest	Drywall & Joint Compound	M	N/A	N/A	N/A	N/A	NAD	N/A
018C	North Bedroom - Northeast	Drywall & Joint Compound	M	N/A	N/A	N/A	N/A	NAD	N/A
019A	North Bath - South	Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
019B	North Bath - West	Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
019C	North Bath - North	Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
020A	North Bath - Southwest	Drywall & Joint Compound	M	N/A	N/A	N/A	N/A	NAD	N/A
020B	North Bath - Northwest	Drywall & Joint Compound	M	N/A	N/A	N/A	N/A	NAD	N/A
020C	North Bath - Southeast	Drywall & Joint Compound	M	N/A	N/A	N/A	N/A	NAD	N/A
021A	Northwest Bath - West	Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
021B	Northwest Bath - North	Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
021C	Northwest Bath - South	Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
022A	Northwest Bath - Northeast	Drywall & Joint Compound	M	N/A	N/A	N/A	N/A	NAD	N/A
022B	Northwest Bath - Northwest	Drywall & Joint Compound	M	N/A	N/A	N/A	N/A	NAD	N/A
022C	Northwest Bath - South	Drywall & Joint Compound	M	N/A	N/A	N/A	N/A	NAD	N/A

ID1197-00-20, Parcel 35

Notes:
M – Miscellaneous Material
S – Surfacing Material
T - Thermal Insulation
N/A - Not Applicable
SF - Square Feet
CF – Cubic Feet
LF – Linear Feet
NAD - No Asbestos Detected
NT - Not Tested
ACM - Asbestos Containing Material

GEI Consultants, Inc.
Table 1 - Bulk Asbestos Sample Log

GEI Consultants

Project Name	WisDOT ID 1197-00-20, USH 52, Parcel 35 - Washburn County	**Location:**	W5618 Oak Hill Road, Trego, Wisconsin
Project No.	2000318	**Date:**	1/23/2020
Inspector:	Jeffrey S. Carlson (AII-3420)		

Sample No.	Sample Location	Material Description	Material Code	Approx. Quantity	Unit	Asbestos Type	Condition	Asbestos Content	Friable/ Non-Friable
023A	West Bedroom - West	Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
023B	West Bedroom - North	Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
023C	West Bedroom - East	Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
024A	West Bedroom - Southwest	Drywall & Joint Compound	M	N/A	N/A	N/A	N/A	NAD	N/A
024B	West Bedroom - Northwest	Drywall & Joint Compound	M	N/A	N/A	N/A	N/A	NAD	N/A
024C	West Bedroom - East Closet Corner	Drywall & Joint Compound	M	N/A	N/A	N/A	N/A	NAD	N/A
025A	Southwest Bedroom - Southwest	Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
025B	Southwest Bedroom - West	Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
025C	Southwest Bedroom - North	Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
026A	Southwest Bedroom - Southwest	Drywall & Joint Compound	M	N/A	N/A	N/A	N/A	NAD	N/A
026B	Southwest Bedroom - South	Drywall & Joint Compound	M	N/A	N/A	N/A	N/A	NAD	N/A
026C	Southwest Bedroom - Northwest	Drywall & Joint Compound	M	N/A	N/A	N/A	N/A	NAD	N/A
027A	Kitchen - South	Textured Ceiling	M	N/A	N/A	N/A	N/A	NAD	N/A
027B	North Bedroom - Center	Textured Ceiling	M	N/A	N/A	N/A	N/A	NAD	N/A
027C	North Bath - Southwest	Textured Ceiling	M	N/A	N/A	N/A	N/A	NAD	N/A
027D	Dining - Northwest	Textured Ceiling	M	N/A	N/A	N/A	N/A	NAD	N/A
027E	Southeast Bedroom - South	Textured Ceiling	M	N/A	N/A	N/A	N/A	NAD	N/A
028A	Dining/Kitchen - West	Gray Linoleum	M	N/A	N/A	N/A	N/A	NAD	N/A
028A	Dining/Kitchen - West	Gray Linoleum Yellow Mastic	M	N/A	N/A	N/A	N/A	NAD	N/A
028B	Dining/Kitchen - Center/Island	Gray Linoleum	M	N/A	N/A	N/A	N/A	NAD	N/A
028B	Dining/Kitchen - Center/Island	Gray Linoleum Yellow Mastic	M	N/A	N/A	N/A	N/A	NAD	N/A
028C	Dining/Kitchen - East	Gray Linoleum	M	N/A	N/A	N/A	N/A	NAD	N/A
028C	Dining/Kitchen - East	Gray Linoleum Yellow Mastic	M	N/A	N/A	N/A	N/A	NAD	N/A
029A	North Bath - Southeast	Tan Linoleum	M	N/A	N/A	N/A	N/A	NAD	N/A
029A	North Bath - Southeast	Tan Linoleum Yellow Mastic	M	N/A	N/A	N/A	N/A	NAD	N/A
029B	North Bath - Southwest	Tan Linoleum	M	N/A	N/A	N/A	N/A	NAD	N/A
029B	North Bath - Southwest	Tan Linoleum Yellow Mastic	M	N/A	N/A	N/A	N/A	NAD	N/A
029C	North Bath - Northeast	Tan Linoleum	M	N/A	N/A	N/A	N/A	NAD	N/A
029C	North Bath - Northeast	Tan Linoleum Yellow Mastic	M	N/A	N/A	N/A	N/A	NAD	N/A
030A	Northwest Bath - Southeast	Green Linoleum	M	N/A	N/A	N/A	N/A	NAD	N/A
030B	Northwest Bath - Center	Green Linoleum	M	N/A	N/A	N/A	N/A	NAD	N/A
030C	Northwest Bath - West	Green Linoleum	M	N/A	N/A	N/A	N/A	NAD	N/A
031A	Kitchen	Sink Undercoat	S	N/A	N/A	N/A	N/A	NAD	N/A
031B	Kitchen	Sink Undercoat	S	N/A	N/A	N/A	N/A	NAD	N/A
031C	Kitchen	Sink Undercoat	S	N/A	N/A	N/A	N/A	NAD	N/A
032A	North Bath	White Caulk	M	N/A	N/A	N/A	N/A	NAD	N/A
032B	North Bath	White Caulk	M	N/A	N/A	N/A	N/A	NAD	N/A
032C	North Bath	White Caulk	M	N/A	N/A	N/A	N/A	NAD	N/A

ID1197-00-20, Parcel 35

Notes:
M – Miscellaneous Material
S – Surfacing Material
T - Thermal Insulation
N/A - Not Applicable
SF - Square Feet
CF – Cubic Feet
LF – Linear Feet
NAD - No Asbestos Detected
NT - Not Tested
ACM - Asbestos Containing Material

GEI Consultants, Inc.
Table 1 - Bulk Asbestos Sample Log

GEI Consultants

Project Name	WisDOT ID 1197-00-20, USH 52, Parcel 35 - Washburn County	**Location:**	W5618 Oak Hill Road, Trego, Wisconsin
Project No.	2000318	**Date:**	1/23/2020
Inspector:	Jeffrey S. Carlson (AII-3420)		

Sample No.	Sample Location	Material Description	Material Code	Approx. Quantity	Unit	Asbestos Type	Condition	Asbestos Content	Friable/ Non-Friable
033A	North Bath	Tub Surround Mastic	M	N/A	N/A	N/A	N/A	NAD	N/A
033B	North Bath	Tub Surround Mastic	M	N/A	N/A	N/A	N/A	NAD	N/A
033C	North Bath	Tub Surround Mastic	M	N/A	N/A	N/A	N/A	NAD	N/A
034A	Northwest Bath	Caulk	M	N/A	N/A	N/A	N/A	NAD	N/A
034B	Northwest Bath	Caulk	M	N/A	N/A	N/A	N/A	NAD	N/A
034C	Northwest Bath	Caulk	M	N/A	N/A	N/A	N/A	NAD	N/A
035A	Northwest Bath	Textured Ceiling	S	N/A	N/A	N/A	N/A	NAD	N/A
035B	West Bedroom	Textured Ceiling	S	N/A	N/A	N/A	N/A	NAD	N/A
035C	Southwest Bedroom	Textured Ceiling	S	N/A	N/A	N/A	N/A	NAD	N/A
036A	Kitchen Closet	1x1 Tan Ceiling Tile (Nailed to Wood Ceiling)	M	N/A	N/A	N/A	N/A	NAD	N/A
036B	Kitchen Closet	1x1 Tan Ceiling Tile (Nailed to Wood Ceiling)	M	N/A	N/A	N/A	N/A	NAD	N/A
036C	Kitchen Closet	1x1 Tan Ceiling Tile (Nailed to Wood Ceiling)	M	N/A	N/A	N/A	N/A	NAD	N/A
037A	Kitchen Closet	Ceiling Plaster	S	N/A	N/A	N/A	N/A	NAD	N/A
037B	Kitchen Closet	Ceiling Plaster	S	N/A	N/A	N/A	N/A	NAD	N/A
037C	Kitchen Closet	Ceiling Plaster	S	N/A	N/A	N/A	N/A	NAD	N/A
038A	Kitchen Closet	Wall Plaster	S	N/A	N/A	N/A	N/A	NAD	N/A
038B	Kitchen Closet	Wall Plaster	S	N/A	N/A	N/A	N/A	NAD	N/A
038C	Kitchen Closet	Wall Plaster	S	N/A	N/A	N/A	N/A	NAD	N/A
039A	Kitchen Closet	Brown Ceiling Tile/Panel	M	N/A	N/A	N/A	N/A	NAD	N/A
039B	Kitchen Closet	Brown Ceiling Tile/Panel	M	N/A	N/A	N/A	N/A	NAD	N/A
039C	Kitchen Closet	Brown Ceiling Tile/Panel	M	N/A	N/A	N/A	N/A	NAD	N/A
040A	Kitchen	Ceiling Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
040B	North Bedroom	Ceiling Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
040C	Southeast Bedroom	Ceiling Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
041A	Northwest Bath	Ceiling Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
041B	West Bedroom	Ceiling Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
041C	Southwest Bedroom	Ceiling Drywall	M	N/A	N/A	N/A	N/A	NAD	N/A
042A	South Entrance	White Caulk (Under Siding Adjacent to Door)	M	N/A	N/A	N/A	N/A	NAD	N/A
042B	South Entrance	White Caulk (Under Siding Adjacent to Door)	M	N/A	N/A	N/A	N/A	NAD	N/A
042C	South Entrance	White Caulk (Under Siding Adjacent to Door)	M	N/A	N/A	N/A	N/A	NAD	N/A
043A	Attic Inside (Dining Room Access)	Brown Fibrous	M	N/A	N/A	N/A	N/A	NAD	N/A
043B	Attic Inside (Dining Room Access)	Brown Fibrous	M	N/A	N/A	N/A	N/A	NAD	N/A
043C	Attic Inside (Dining Room Access)	Brown Fibrous	M	N/A	N/A	N/A	N/A	NAD	N/A
044A	North	Asphalt Roof Material	M	N/A	N/A	N/A	N/A	NAD	N/A
044B	North	Asphalt Roof Material	M	N/A	N/A	N/A	N/A	NAD	N/A
044C	North	Asphalt Roof Material	M	N/A	N/A	N/A	N/A	NAD	N/A
045A	East Kitchen	Tar Paper (Behind Drywall)	M	N/A	N/A	N/A	N/A	NAD	N/A
045B	East Kitchen	Tar Paper (Behind Drywall)	M	N/A	N/A	N/A	N/A	NAD	N/A
045C	East Kitchen	Tar Paper (Behind Drywall)	M	N/A	N/A	N/A	N/A	NAD	N/A

ID1197-00-20, Parcel 35

Notes:
M – Miscellaneous Material
S – Surfacing Material
T - Thermal Insulation
N/A - Not Applicable
SF - Square Feet
CF – Cubic Feet
LF – Linear Feet
NAD - No Asbestos Detected
NT - Not Tested
ACM - Asbestos Containing Material

TABLE 2
OTHER POTENTIAL HAZARDOUS MATERIALS INVENTORY
W5618 Oak Hill Road
Trego, Wisconsin
GEI Project No. 2000318

LOCATION	ITEM	MATERIAL/EQUIPMENT CATEGORY	APPROXIMATE QUANTITY	COMMENTS
Basement	200-gallon capacity fuel oil tank	Potential Oil/Chemical & potential PCB containing	1	possible oil stained concrete below tank (3'x3')
	larger 200 amp electrical service box	Universal Waste	1	possible phenolic resin components
	small electrical boxes	Universal Waste	2	possible phenolic resin components
	Gas furnace	Potential Oil/Chemical & potential PCB containing	1	electric motor with capacitor
	Pressure tank	Solid Waste	1	
	Gas hot water heater	Solid Waste	1	
Kitchen	Stove hood (disconnected from wall)	Potential Oil/Chemical & potential PCB containing	1	potential oil containing capacitor in motor
	CFL bulbs	Universal Waste - Potential Mercury Containing	2	
Back Entry	CFL bulbs	Universal Waste - Potential Mercury Containing	1	
Living Room	Thermostat	Potential Mercury Containing	1	mercury switch observed
	Fluorescent bulb/light fixture	Universal Waste	2	
	Ceiling fan (electric motor w/capacitor)	Potential Oil/Chemical & potential PCB containing	1	electric motor with capacitor
	CFL bulbs	Universal Waste - Potential Mercury Containing	8	
Northwest bathroom	small electrical box	Universal Waste	1	
	Incandescent light fixture	Universal Waste	4	
North central bathroom	Ceiling vent fan (electric motor w/capacitor)	Potential Oil/Chemical & potential PCB containing	1	electric motor with capacitor
	Incandescent light fixture	Universal Waste	1	
SW Bedroom	Ceiling fan (electric motor w/capacitor)	Potential Oil/Chemical & potential PCB containing	1	electric motor with capacitor
	Incandescent light fixture	Universal Waste	1	
W Bedroom	Incandescent light fixture	Universal Waste	1	
Bedroom hallway	Incandescent track lighting fixture (three bulbs)	Universal Waste	1	
SE Bedroom	Incandescent light fixture	Universal Waste	1	
	CFL bulbs	Universal Waste - Potential Mercury Containing	1	

Main Level

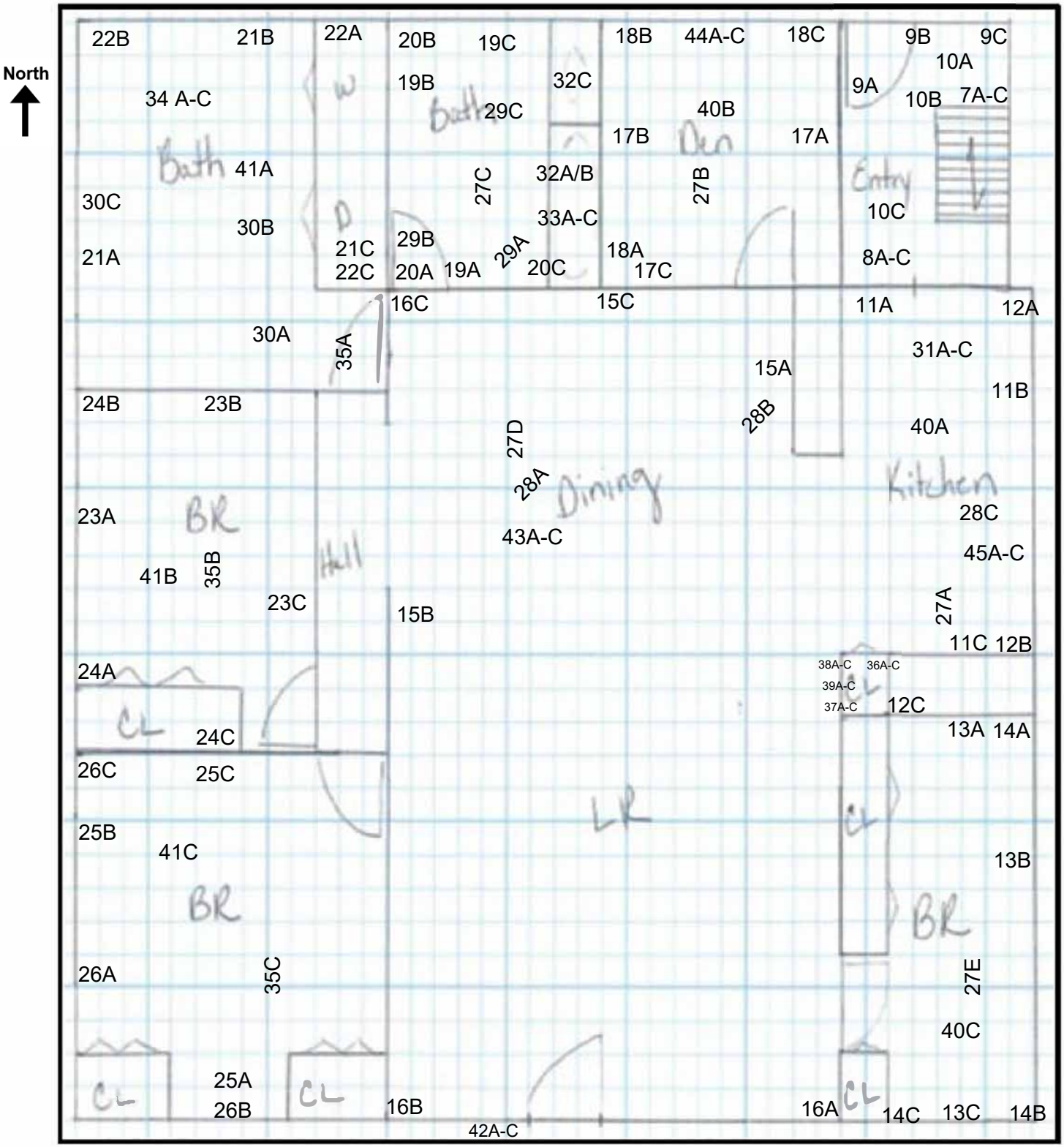


Figure 1 - Main Level - Asbestos Bulk Sample Locations
1197-00-20 USH 53, Washburn Co. Parcel 35, Trego, Wisconsin

Basement

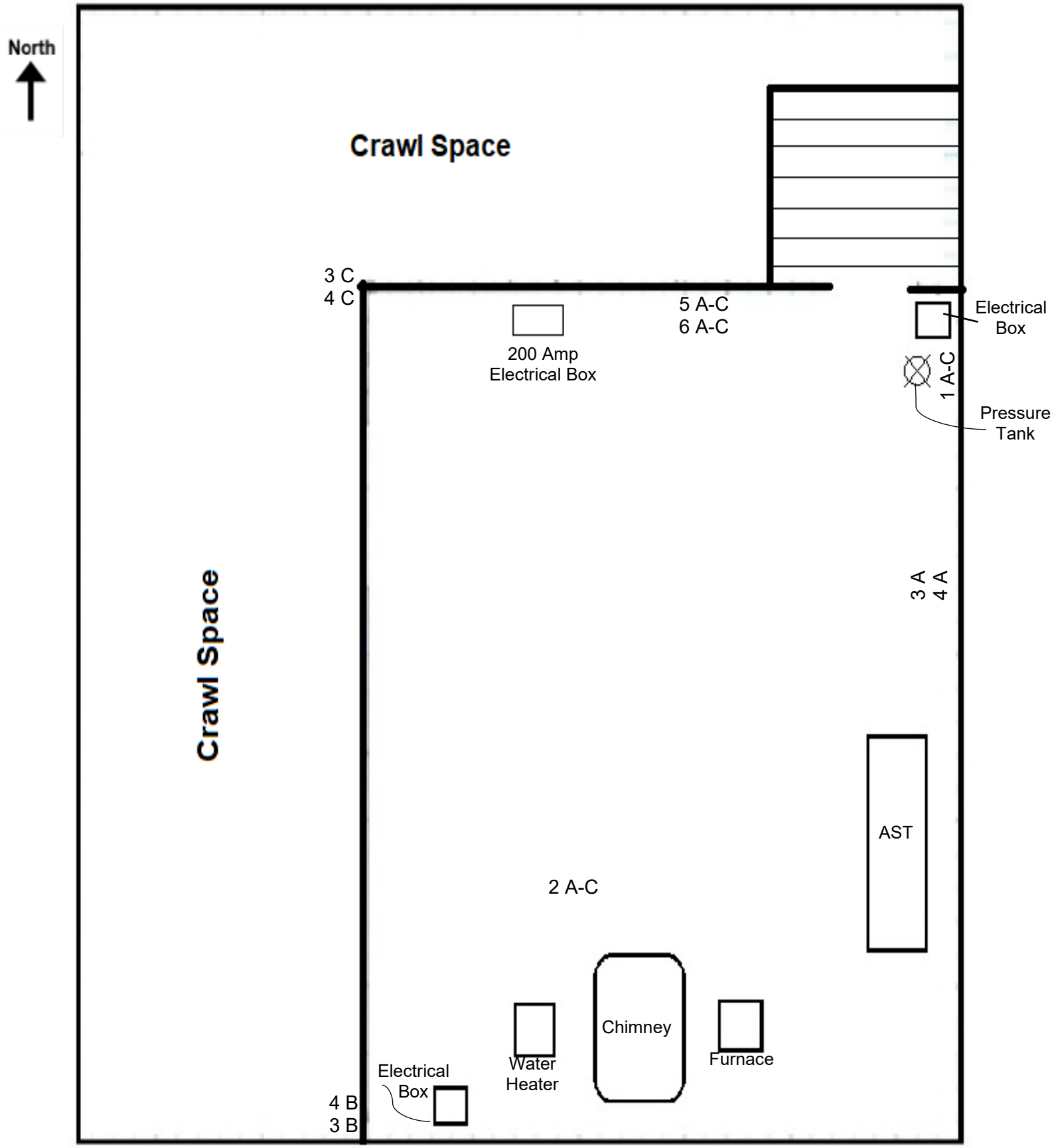


Figure 2 – Asbestos Sample Locations – Basement Level
1197-00-20 USH 53, Washburn Co.
Parcel 35, Trego, Wisconsin

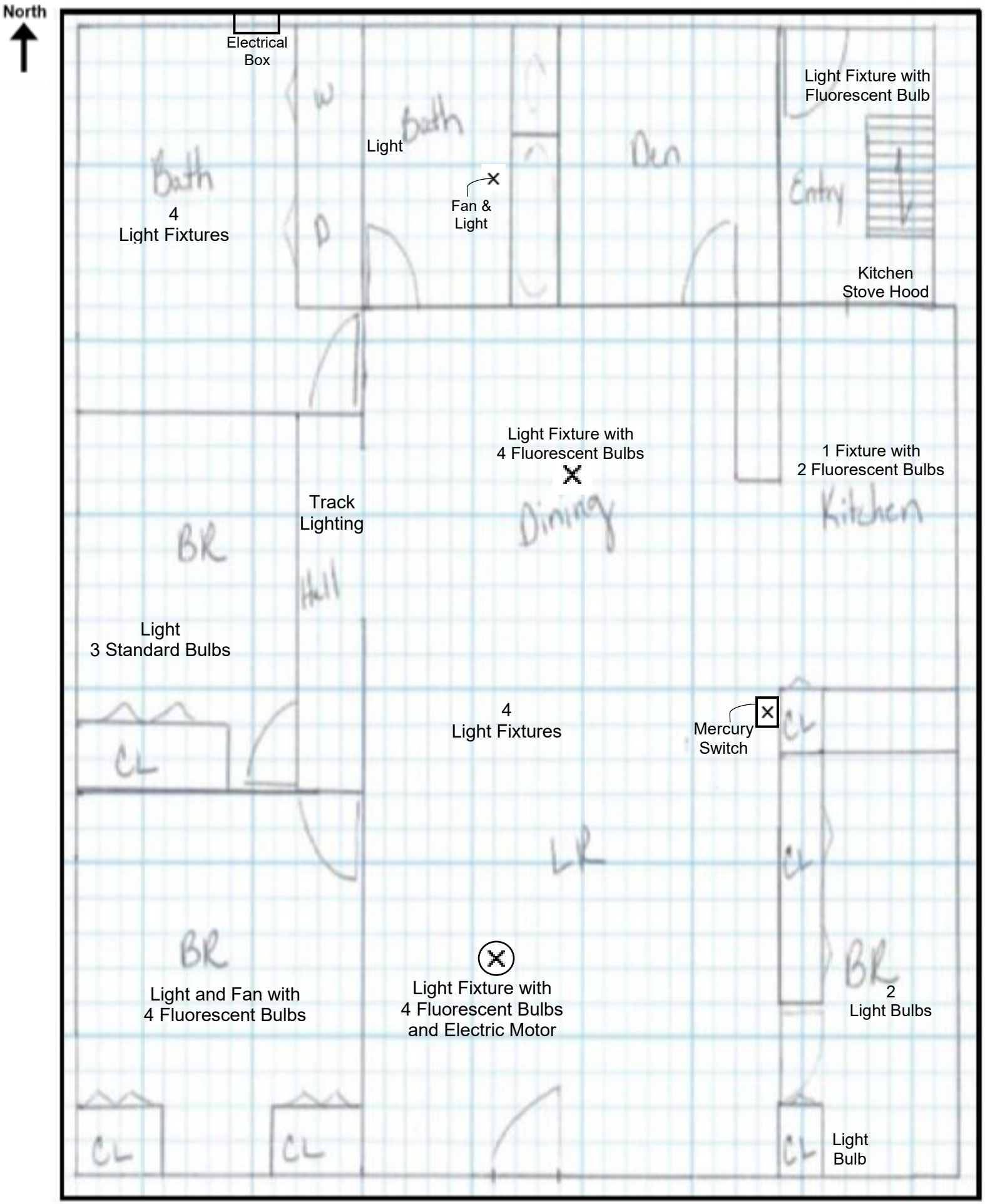


Figure 3 – Other Potential Hazardous Material Locations
1197-00-20 USH 53, Washburn Co. Parcel 35, Trego, Wisconsin

PHOTOGRAPHIC LOG

PHOTOGRAPH NO: 1	DATE: JANUARY 23, 2020	GEI PROJECT NO: 2000318	CLIENT: WISDOT
DIRECTION: N/A	SITE LOCATION: W5618 OAK HILL ROAD, TREGO, WISCONSIN		
DESCRIPTION: Looking at the south side of residential structure.			

PHOTOGRAPH NO: 2	DATE: JANUARY 23, 2020	GEI PROJECT NO: 2000318	CLIENT: WISDOT
DIRECTION: N/A	SITE LOCATION: W5618 OAK HILL ROAD, TREGO, WISCONSIN		
DESCRIPTION: Looking at the east side of residential structure			

PHOTOGRAPHIC LOG

PHOTOGRAPH NO: 3	DATE: JANUARY 23, 2020	GEI PROJECT NO: 2000318	CLIENT: WISDOT
DIRECTION: N/A	SITE LOCATION: W5618 OAK HILL ROAD, TREGO, WISCONSIN		
DESCRIPTION: Looking at north side of residential structure.			

PHOTOGRAPH NO: 4	DATE: JANUARY 23, 2020	GEI PROJECT NO: 2000318	CLIENT: WISDOT
DIRECTION: N/A	SITE LOCATION: W5618 OAK HILL ROAD, TREGO, WISCONSIN		
DESCRIPTION: Looking at the west side of residential structure.			

PHOTOGRAPHIC LOG

PHOTOGRAPH NO: 5	DATE: JANUARY 23, 2020	GEI PROJECT NO: 2000318	CLIENT: WISDOT
DIRECTION: N/A	SITE LOCATION: W5618 OAK HILL ROAD, TREGO, WISCONSIN		
DESCRIPTION: Looking at one of three electrical boxes in the basement with black phenolic resin components. **The black phenolic resin components in the electrical boxes are presumed ACM (PACM) and should be managed appropriately.**			

PHOTOGRAPH NO: 6	DATE: JANUARY 23, 2020	GEI PROJECT NO: 2000318	CLIENT: WISDOT
DIRECTION: N/A	SITE LOCATION: W5618 OAK HILL ROAD, TREGO, WISCONSIN		
DESCRIPTION: Fuel oil AST in basement.			

PHOTOGRAPHIC LOG

PHOTOGRAPH NO: 7	DATE: JANUARY 23, 2020	GEI PROJECT NO: 2000318	CLIENT: WISDOT
DIRECTION: N/A	SITE LOCATION: W5618 OAK HILL ROAD, TREGO, WISCONSIN		
DESCRIPTION: Mercury switch in wall mounted thermostat			

PHOTOGRAPH NO: 8	DATE: JANUARY 23, 2020	GEI PROJECT NO: 2000318	CLIENT: WISDOT
DIRECTION: N/A	SITE LOCATION: W5618 OAK HILL ROAD, TREGO, WISCONSIN		
DESCRIPTION: Looking at the northwest bath electrical box with black phenolic resin components. **The black phenolic resin components in the electrical box are presumed ACM (PACM) and should be managed appropriately.**			

PHOTOGRAPHIC LOG

PHOTOGRAPH NO: 9	DATE: JANUARY 23, 2020	GEI PROJECT NO: 2000318	CLIENT: WISDOT
DIRECTION: N/A	SITE LOCATION: W5618 OAK HILL ROAD, TREGO, WISCONSIN		
DESCRIPTION: View of plaster on lath ceiling covered by wallboard with drop drywall ceiling in main living room.			

Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237
Telephone: 800.347.4010

Asbestos Bulk Analysis Report

Report Number: 20-01-03866

Client: GEI Consultants Inc
3159 Voyager Dr.
Green Bay, WI 54311

Received Date: 01/28/2020
Analyzed Date: 01/29/2020, 01/30/2020
Reported Date: 01/31/2020

Project/Test Address: W5618 Oak Hill Road; Trego, Wisconsin

Client Number: 200598

Fax Number:

Laboratory Results

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-01-03866-001	001A		White Pliable; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-002	001B		White Pliable; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-003	001C		White Pliable; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-004	002A		Black Fibrous; Homogeneous	NAD	83% Cellulose 17% Non-Fibrous
20-01-03866-005	002B		Black Fibrous; Homogeneous	NAD	80% Cellulose 20% Non-Fibrous

Client Number: 200598 Report Number: 20-01-03866

Project/Test Address: W5618 Oak Hill Road; Trego, Wisconsin

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-01-03866-006	002C		Black Fibrous; Homogeneous	NAD	80% Cellulose 20% Non-Fibrous
20-01-03866-007	003A		Gray Cementitious; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-008	003B		Gray Cementitious; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-009	003C		Gray Cementitious; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-010	004A		Pale Gray/White Granular; Inhomogeneous	NAD	100% Non-Fibrous
20-01-03866-011	004B		Gray Granular; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-012	004C		Gray Granular; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-013	005A		Black Fibrous; Homogeneous	NAD	95% Cellulose 5% Non-Fibrous

Client Number: 200598 Report Number: 20-01-03866

Project/Test Address: W5618 Oak Hill Road; Trego, Wisconsin

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-01-03866-014	005B		Black Fibrous; Homogeneous	NAD	95% Cellulose 5% Non-Fibrous
20-01-03866-015	005C		Black Fibrous; Homogeneous	NAD	95% Cellulose 5% Non-Fibrous
20-01-03866-016	006A		Brown Fibrous; Homogeneous	NAD	98% Cellulose 2% Non-Fibrous
20-01-03866-017	006B		Brown Fibrous; Homogeneous	NAD	98% Cellulose 2% Non-Fibrous
20-01-03866-018	006C		Brown Fibrous; Homogeneous	NAD	98% Cellulose 2% Non-Fibrous
20-01-03866-019	007A		Gray Cementitious; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-020	007B		Gray Cementitious; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-021	007C		Gray Cementitious; Homogeneous	NAD	100% Non-Fibrous

Client Number: 200598 Report Number: 20-01-03866

Project/Test Address: W5618 Oak Hill Road; Trego, Wisconsin

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-01-03866-022A	008A	Flooring	Brown/Black Vinyl; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-022B	008A	Mastic	Pale Yellow Adhesive; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-023A	008B	Flooring	Brown/Black Vinyl; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-023B	008B	Mastic	Pale Yellow Adhesive; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-024A	008C	Flooring	Brown/Black Vinyl; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-024B	008C	Mastic	Pale Yellow Adhesive; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-025	009A		White Powdery; Brown Fibrous; Inhomogeneous	NAD	13% Cellulose 87% Non-Fibrous
20-01-03866-026	009B		White Powdery; Brown Fibrous; Inhomogeneous	NAD	13% Cellulose 87% Non-Fibrous

Client Number: 200598 Report Number: 20-01-03866

Project/Test Address: W5618 Oak Hill Road; Trego, Wisconsin

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-01-03866-027	009C		White Powdery; Brown Fibrous; Inhomogeneous	NAD	13% Cellulose 87% Non-Fibrous
20-01-03866-028	010A		White Powdery; Chalky; Brown/Cream Fibrous; Inhomogeneous	NAD	15% Cellulose 85% Non-Fibrous
20-01-03866-029	010B		White Powdery; Chalky; Brown/Cream Fibrous; Inhomogeneous	NAD	15% Cellulose 85% Non-Fibrous
20-01-03866-030	010C		White Powdery; Chalky; Brown/Cream Fibrous; Inhomogeneous	NAD	15% Cellulose 85% Non-Fibrous
20-01-03866-031	011A		White Powdery; Brown Fibrous; Inhomogeneous	NAD	10% Cellulose 90% Non-Fibrous
20-01-03866-032	011B		White Powdery; Brown Fibrous; Inhomogeneous	NAD	10% Cellulose 90% Non-Fibrous
20-01-03866-033	011C		White Powdery; Brown Fibrous; Inhomogeneous	NAD	10% Cellulose 90% Non-Fibrous
20-01-03866-034	012A		White Powdery; Chalky; Brown/Cream Fibrous; Inhomogeneous	NAD	18% Cellulose 82% Non-Fibrous

Client Number: 200598 Report Number: 20-01-03866

Project/Test Address: W5618 Oak Hill Road; Trego, Wisconsin

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-01-03866-035	012B		White Powdery; Chalky; Brown/Cream Fibrous; Inhomogeneous	NAD	18% Cellulose 82% Non-Fibrous
20-01-03866-036	012C		White Powdery; Chalky; Brown/Cream Fibrous; Inhomogeneous	NAD	18% Cellulose 82% Non-Fibrous
20-01-03866-037	013A		White Powdery; Brown Fibrous; Inhomogeneous	NAD	10% Cellulose 90% Non-Fibrous
20-01-03866-038	013B		White Powdery; Brown Fibrous; Inhomogeneous	NAD	12% Cellulose 88% Non-Fibrous
20-01-03866-039	013C		White Powdery; Brown Fibrous; Inhomogeneous	NAD	12% Cellulose 88% Non-Fibrous
20-01-03866-040	014A		White Powdery; Chalky; White/Brown Fibrous; Inhomogeneous	NAD	17% Cellulose 83% Non-Fibrous
20-01-03866-041	014B		White Powdery; Chalky; White/Brown Fibrous; Inhomogeneous	NAD	17% Cellulose 83% Non-Fibrous

Client Number: 200598 Report Number: 20-01-03866

Project/Test Address: W5618 Oak Hill Road; Trego, Wisconsin

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-01-03866-042	014C		White Powdery; Chalky; White/Brown Fibrous; Inhomogeneous	NAD	15% Cellulose 85% Non-Fibrous
20-01-03866-043	015A		White Powdery; Brown Fibrous; Inhomogeneous	NAD	12% Cellulose 88% Non-Fibrous
20-01-03866-044	015B		White Powdery; Brown Fibrous; Inhomogeneous	NAD	10% Cellulose 90% Non-Fibrous
20-01-03866-045	015C		White Powdery; Brown Fibrous; Inhomogeneous	NAD	10% Cellulose 90% Non-Fibrous
20-01-03866-046	016A		White Powdery; Chalky; White/Brown Fibrous; Inhomogeneous	NAD	15% Cellulose 85% Non-Fibrous
20-01-03866-047	016B		White Powdery; Chalky; White/Brown Fibrous; Inhomogeneous	NAD	15% Cellulose 85% Non-Fibrous
20-01-03866-048	016C		White Powdery; Chalky; White/Brown Fibrous; Inhomogeneous	NAD	12% Cellulose 88% Non-Fibrous
20-01-03866-049	017A		White Powdery; Brown Fibrous; Inhomogeneous	NAD	10% Cellulose 90% Non-Fibrous

Client Number: 200598 Report Number: 20-01-03866

Project/Test Address: W5618 Oak Hill Road; Trego, Wisconsin

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-01-03866-050	017B		White Powdery; Brown Fibrous; Inhomogeneous	NAD	10% Cellulose 90% Non-Fibrous
20-01-03866-051	017C		White Powdery; Brown Fibrous; Inhomogeneous	NAD	10% Cellulose 90% Non-Fibrous
20-01-03866-052	018A		White Powdery; Chalky; White/Brown Fibrous; Inhomogeneous	NAD	18% Cellulose 82% Non-Fibrous
20-01-03866-053	018B		White Powdery; Chalky; White/Brown Fibrous; Inhomogeneous	NAD	18% Cellulose 82% Non-Fibrous
20-01-03866-054	018C		White Powdery; Chalky; White/Brown Fibrous; Inhomogeneous	NAD	16% Cellulose 84% Non-Fibrous
20-01-03866-055	019A		White Powdery; Brown Fibrous; Inhomogeneous	NAD	12% Cellulose 88% Non-Fibrous
20-01-03866-056	019B		White Powdery; Brown Fibrous; Inhomogeneous	NAD	10% Cellulose 90% Non-Fibrous
20-01-03866-057	019C		White Powdery; Brown Fibrous; Inhomogeneous	NAD	10% Cellulose 90% Non-Fibrous

Client Number: 200598 Report Number: 20-01-03866

Project/Test Address: W5618 Oak Hill Road; Trego, Wisconsin

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-01-03866-058	020A		White Powdery; Chalky; White/Brown Fibrous; Inhomogeneous	NAD	15% Cellulose 85% Non-Fibrous
20-01-03866-059	020B		White Powdery; Chalky; White/Brown Fibrous; Inhomogeneous	NAD	15% Cellulose 85% Non-Fibrous
20-01-03866-060	020C		White Powdery; Chalky; White/Brown Fibrous; Inhomogeneous	NAD	15% Cellulose 85% Non-Fibrous
20-01-03866-061	021A		White Powdery; Brown Fibrous; Inhomogeneous	NAD	10% Cellulose 90% Non-Fibrous
20-01-03866-062	021B		White Powdery; Brown Fibrous; Inhomogeneous	NAD	10% Cellulose 90% Non-Fibrous
20-01-03866-063	021C		White Powdery; Brown Fibrous; Inhomogeneous	NAD	10% Cellulose 90% Non-Fibrous
20-01-03866-064	022A		White Powdery; Chalky; Brown Fibrous; Inhomogeneous	NAD	8% Cellulose 92% Non-Fibrous

Client Number: 200598 Report Number: 20-01-03866

Project/Test Address: W5618 Oak Hill Road; Trego, Wisconsin

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-01-03866-065	022B		White Powdery; Chalky; Brown Fibrous; Inhomogeneous	NAD	8% Cellulose 92% Non-Fibrous
20-01-03866-066	022C		White Powdery; Chalky; Brown Fibrous; Inhomogeneous	NAD	8% Cellulose 92% Non-Fibrous
20-01-03866-067	023A		White Powdery; Chalky; Brown Fibrous; Inhomogeneous	NAD	8% Cellulose 92% Non-Fibrous
20-01-03866-068	023B		White Powdery; Chalky; Brown Fibrous; Inhomogeneous	NAD	10% Cellulose 90% Non-Fibrous
20-01-03866-069	023C		White Powdery; Chalky; Brown Fibrous; Inhomogeneous	NAD	8% Cellulose 92% Non-Fibrous
20-01-03866-070	024A		White Powdery; Chalky; Cream/Brown Fibrous; Inhomogeneous	NAD	12% Cellulose 88% Non-Fibrous
20-01-03866-071	024B		White Powdery; Chalky; Cream/Brown Fibrous; Inhomogeneous	NAD	15% Cellulose 85% Non-Fibrous

Client Number: 200598 Report Number: 20-01-03866

Project/Test Address: W5618 Oak Hill Road; Trego, Wisconsin

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-01-03866-072	024C		White Powdery; Chalky; Cream/Brown Fibrous; Inhomogeneous	NAD	15% Cellulose 85% Non-Fibrous
20-01-03866-073	025A		White Powdery; Chalky; Brown Fibrous; Inhomogeneous	NAD	10% Cellulose 90% Non-Fibrous
20-01-03866-074	025B		White Powdery; Chalky; Brown Fibrous; Inhomogeneous	NAD	10% Cellulose 90% Non-Fibrous
20-01-03866-075	025C		White Powdery; Chalky; Brown Fibrous; Inhomogeneous	NAD	10% Cellulose 90% Non-Fibrous
20-01-03866-076	026A		White Powdery; Chalky; Brown Fibrous; Inhomogeneous	NAD	18% Cellulose 82% Non-Fibrous
20-01-03866-077	026B		White Powdery; Chalky; Brown Fibrous; Inhomogeneous	NAD	18% Cellulose 82% Non-Fibrous
20-01-03866-078	026C		White Powdery; Chalky; Brown Fibrous; Inhomogeneous	NAD	15% Cellulose 85% Non-Fibrous

Client Number: 200598 Report Number: 20-01-03866

Project/Test Address: W5618 Oak Hill Road; Trego, Wisconsin

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-01-03866-079	027A		White Chalky; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-080	027B		White Chalky; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-081	027C		White Chalky; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-082	027D		White Chalky; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-083	027E		White Chalky; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-084A	028A	Linoleum	Gray Vinyl; Fibrous; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
20-01-03866-084B	028A	Mastic	Yellow Adhesive; Homogeneous	NAD	2% Cellulose 98% Non-Fibrous
20-01-03866-085A	028B	Linoleum	Gray Vinyl; Fibrous; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous

Client Number: 200598 Report Number: 20-01-03866

Project/Test Address: W5618 Oak Hill Road; Trego, Wisconsin

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-01-03866-085B	028B	Mastic	Yellow Adhesive; White Granular; Inhomogeneous	NAD	1% Cellulose 99% Non-Fibrous
Unable to separate.					
20-01-03866-086A	028C	Linoleum	Gray Vinyl; Fibrous; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
20-01-03866-086B	028C	Mastic	Yellow Adhesive; White Granular; Inhomogeneous	NAD	1% Cellulose 99% Non-Fibrous
Unable to separate.					
20-01-03866-087A	029A	Linoleum	Tan Vinyl; Fibrous; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
20-01-03866-087B	029A	Mastic	Yellow Adhesive; White Granular; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
20-01-03866-088A	029B	Linoleum	Tan Vinyl; Fibrous; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
20-01-03866-088B	029B	Mastic	Yellow Adhesive; Homogeneous	NAD	2% Cellulose 98% Non-Fibrous
20-01-03866-089A	029C	Linoleum	Tan Vinyl; Fibrous; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous

Client Number: 200598 Report Number: 20-01-03866

Project/Test Address: W5618 Oak Hill Road; Trego, Wisconsin

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-01-03866-089B	029C	Mastic		Did Not Analyze (Quantity Not Sufficient)	
20-01-03866-090	030A		Green Vinyl; Homogeneous	NAD	10% Fibrous Glass 90% Non-Fibrous
20-01-03866-091	030B		Green Vinyl; Homogeneous	NAD	10% Fibrous Glass 90% Non-Fibrous
20-01-03866-092	030C		Green Vinyl; Homogeneous	NAD	10% Fibrous Glass 90% Non-Fibrous
20-01-03866-093	031A		White Soft Chalky; Homogeneous	NAD	8% Cellulose 92% Non-Fibrous
20-01-03866-094	031B		White Soft Chalky; Homogeneous	NAD	8% Cellulose 92% Non-Fibrous
20-01-03866-095	031C		White Soft Chalky; Homogeneous	NAD	8% Cellulose 92% Non-Fibrous
20-01-03866-096	032A		Off-White Rubbery; Homogeneous	NAD	100% Non-Fibrous

Client Number: 200598 Report Number: 20-01-03866

Project/Test Address: W5618 Oak Hill Road; Trego, Wisconsin

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-01-03866-097	032B		Off-White Rubbery; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-098	032C		Off-White Rubbery; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-099	033A		Beige Adhesive; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-100	033B		Beige Adhesive; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-101	033C		Beige Adhesive; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-102	034A		White Rubbery; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-103	034B		White Rubbery; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-104	034C		White Rubbery; Homogeneous	NAD	100% Non-Fibrous

Client Number: 200598 Report Number: 20-01-03866

Project/Test Address: W5618 Oak Hill Road; Trego, Wisconsin

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-01-03866-105	035A		White Chalky Paint-Like; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-106	035B		White Chalky Paint-Like; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-107	035C		White Chalky Paint-Like; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-108	036A		Tan Fibrous; White Paint; Homogeneous	NAD	90% Cellulose 10% Non-Fibrous
20-01-03866-109	036B		Tan Fibrous; White Paint; Homogeneous	NAD	90% Cellulose 10% Non-Fibrous
20-01-03866-110	036C		Tan Fibrous; White Paint; Homogeneous	NAD	90% Cellulose 10% Non-Fibrous
20-01-03866-111	037A		Pale Gray Granular; Homogeneous	NAD	1% Hair 99% Non-Fibrous
20-01-03866-112	037B		Pale Gray Granular; Homogeneous	NAD	2% Hair 98% Non-Fibrous

Client Number: 200598 Report Number: 20-01-03866

Project/Test Address: W5618 Oak Hill Road; Trego, Wisconsin

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-01-03866-113	037C		Pale Gray Granular; Homogeneous	NAD	1% Hair 99% Non-Fibrous
20-01-03866-114	038A		Pale Gray Granular; Homogeneous	NAD	1% Hair 99% Non-Fibrous
20-01-03866-115	038B		Pale Gray Granular; Homogeneous	NAD	2% Hair 98% Non-Fibrous
20-01-03866-116	038C		Pale Gray Granular; Homogeneous	NAD	1% Hair 99% Non-Fibrous
20-01-03866-117	039A		Brown Fibrous; Homogeneous	NAD	95% Cellulose 5% Non-Fibrous
20-01-03866-118	039B		Brown Fibrous; Homogeneous	NAD	95% Cellulose 5% Non-Fibrous
20-01-03866-119	039C		Brown Fibrous; Homogeneous	NAD	95% Cellulose 5% Non-Fibrous
20-01-03866-120	040A		White Powdery; Chalky; Brown Fibrous; Inhomogeneous	NAD	12% Cellulose 88% Non-Fibrous

Client Number: 200598 Report Number: 20-01-03866

Project/Test Address: W5618 Oak Hill Road; Trego, Wisconsin

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-01-03866-121	040B		White Powdery; Brown Fibrous; Inhomogeneous	NAD	8% Cellulose 92% Non-Fibrous
20-01-03866-122	040C		White Powdery; Brown Fibrous; Inhomogeneous	NAD	10% Cellulose 90% Non-Fibrous
20-01-03866-123	041A		White Powdery; Chalky; Brown Fibrous; Inhomogeneous	NAD	11% Cellulose 89% Non-Fibrous
20-01-03866-124	041B		White Powdery; Chalky; Brown Fibrous; Inhomogeneous	NAD	12% Cellulose 88% Non-Fibrous
20-01-03866-125	041C		White Powdery; Chalky; Brown Fibrous; Inhomogeneous	NAD	15% Cellulose 85% Non-Fibrous
20-01-03866-126	042A		White Rubbery; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-127	042B		White Rubbery; Homogeneous	NAD	100% Non-Fibrous
20-01-03866-128	042C		White Rubbery; Homogeneous	NAD	100% Non-Fibrous

Client Number: 200598 Report Number: 20-01-03866

Project/Test Address: W5618 Oak Hill Road; Trego, Wisconsin

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-01-03866-129	043A		Brown Fibrous; Homogeneous	NAD	97% Cellulose 3% Non-Fibrous
20-01-03866-130	043B		Brown Fibrous; Homogeneous	NAD	95% Cellulose 5% Non-Fibrous
20-01-03866-131	043C		Brown Fibrous; Homogeneous	NAD	98% Cellulose 2% Non-Fibrous
20-01-03866-132	044A		Black Tar-Like; Aggregate; Fibrous; Inhomogeneous	NAD	14% Fibrous Glass 86% Non-Fibrous
20-01-03866-133	044B		Black Tar-Like; Aggregate; Fibrous; Inhomogeneous	NAD	14% Fibrous Glass 86% Non-Fibrous
20-01-03866-134	044C		Black Tar-Like; Aggregate; Fibrous; Inhomogeneous	NAD	14% Fibrous Glass 86% Non-Fibrous
20-01-03866-135	045A		Black Fibrous; Homogeneous	NAD	90% Cellulose 10% Non-Fibrous
20-01-03866-136	045B		Black Fibrous; Homogeneous	NAD	90% Cellulose 10% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 200598 Report Number: 20-01-03866

Project/Test Address: W5618 Oak Hill Road; Trego, Wisconsin

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
20-01-03866-137	045C		Black Fibrous; Homogeneous	NAD	90% Cellulose 10% Non-Fibrous

QC Sample: 31-M12013-2, 35-M22014-4

QC Blank: SRM 1866 Fiberglass

Reporting Limit: 1% Asbestos

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

Analyst: Kay Harris

Reviewed By Authorized Signatory: Tasha Eaddy

Tasha Eaddy
QA/QC Clerk

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Each distinct component in an inhomogeneous sample was analyzed separately and reported as a composite. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of the Environmental Hazards Service, L.L.C. California Certification #2319 NY ELAP #11714 NVLAP #101882-0 VELAP 460172. All information concerning sampling location, date, and time can be found on Chain-of-Custody. Environmental Hazards Services, L.L.C. does not perform any sample collection.

Environmental Hazards Services, L.L.C. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), (for enhanced detection capabilities) for materials regulated by EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

400 Point Count Analysis, where noted, performed per EPA Method 600/R-93/116 with a Reporting Limit of 0.25%.

* All California samples analyzed by Polarized Light Microscopy, EPA Method 600/M4-82-020, Dec. 1982.

LEGEND: NAD = no asbestos detected

* Stop at 1st positive result ... material.

Asbestos Chain-of-Custody Form

EHS Laboratories™
Environmental Hazards Services, LLC

SHIP TO: 7469 Whitepine Rd. Richmond, VA 23237
Phone: (800) 347-4010 FAX: (804) 275-4907
ONLINE CLIENT PORTAL AVAILABLE FOR ANALYSIS RESULTS AT:
www.leadlab.com

20-01-03866

Due Date:
01/31/2020
(Friday)
E

Company Name: GEI Consultants Account Number:
Address: 3159 Voyager Drive City/State/Zip: Green Bay, WI 54311
Phone #: 920 471 0313 Email: jcarlson@geiconsultants.com Fax:
Project Name / Testing Address: W 5618 Oak Hill Road City/State (Required): Trego, Wisconsin
Collected by: Jeffrey S. Carlson AII-3420 P.O. # Project # 2000318

ID1197-00-20, Parcel 35

TURN AROUND TIMES: IF NO TAT IS SPECIFIED, SAMPLE(S) WILL BE PROCESSED AND CHARGED AS 3 - DAY TAT.

1 Day | 2 Day | 3 Day | * Same Day – Must Call Ahead | * Weekend – Must Call Ahead

No.	Client Sample ID	HA Area #	Collection Date	Collection Time	PLM	PLM Point Count 400	PLM Point Count 1000	PLM NY Protocol	TEM - Bulk	Comments
1	001 A		1/23/2020	AM / PM	✓					White Caulk East Basement Wall
2	B			AM / PM						
3	C			AM / PM						Black/gray ... between
4	002 A			AM / PM						
5	B			AM / PM						
6	C			AM / PM						
7	003 A			AM / PM						
8	B			AM / PM						
9	C			AM / PM	✓					
10				AM / PM						

Released by: Jeffrey S Carlson Signature: Jeffrey S Carlson
Received by: Erika Cardova Signature:

Page ___ of ___
EHS Order Number

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Asbestos Chain-of-Custody Form

Additional Page(s)

LAB USE ONLY: EHS Order ~~Number~~ -038bk

Company Name: GEI Consultants **Project:** # 2000318

Lab No.	Client Sample ID	HA Area #	Collection Date	Collection Time	PLM	PLM Point Count 400	PLM Point Count 1000	PLM NY Protocol	TEM - Bulk	Comments
	004 A		1/23/2020	AM / PM	✓					MASON block Mortar basement East
	↓ B			AM / PM						↓ West
	↓ C			AM / PM						↓ North
	005 A			AM / PM						Black fibrous paper basement ~~North~~
	↓ B			AM / PM						under 1st floor - North
	↓ C			AM / PM						↓
	006 A			AM / PM						Gray fibrous paper basement
	↓ B			AM / PM						between joists - North
	↓ C			AM / PM						↓
	007 A			AM / PM						Stone Mortar - basement Stairs
	↓ B			AM / PM						↓
	↓ C			AM / PM						↓
	008 A			AM / PM						Laminent flooring HALLWAY North
	↓ B			AM / PM						↓
	↓ C			AM / PM						↓
	009 A			AM / PM						~~009~~ Drywall N. Entry N. West
	↓ B			AM / PM						N. WALL
	↓ C			AM / PM						↓ E. WALL
	10			AM / PM						
				AM / PM						

Released by: Jeffrey S Carlson Signature: Jeffrey S Carlson Date/Time: 1/27/2020 14:00

Received by: Signature: Date/Time: 1-28-2020 1250pm

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Asbestos Chain-of-Custody Form
Additional Page(s)

Company Name: GEI Consultants **Project:** # 2000318

LAB USE ONLY: EHS Order Number ______-______-038kk

Lab No.	Client Sample ID	HA Area #	Collection Date	Collection Time	PLM	PLM Point Count 400	PLM Point Count 1000	PLM NY Protocol	TEM - Bulk	Comments
	010 A		1/23/2020	AM / PM	✓					Drywall + joint compound Entry N. East
	↓ B		↓	AM / PM	↓					↓ Post/Pillar
	↓ C		↓	AM / PM	↓					↓ North
	011 A		↓	AM / PM	↓					Drywall - Kitchen North
	↓ B		↓	AM / PM	↓					East
	↓ C		↓	AM / PM	↓					South
	012 A		↓	AM / PM	↓					Drywall + joint Compound Kitchen North
	↓ B		↓	AM / PM	↓					East
	↓ C		↓	AM / PM	↓					South
	013 A		↓	AM / PM	↓					Drywall S.E.B.R. North
	↓ B		↓	AM / PM	↓					↓ East
	↓ C		↓	AM / PM	↓					↓ South
	014 A		↓	AM / PM	↓					Drywall + joint Compound North
	↓ B		↓	AM / PM	↓					S.E.B.R. ↓ East
	↓ C		↓	AM / PM	↓					↓ South
	015 A		↓	AM / PM	↓					Drywall Dining Room East
	↓ B		↓	AM / PM	↓					↓ West
	↓ C		↓	AM / PM	↓					↓ North
				AM / PM						
				AM / PM						

Released by: Jeffrey S Carlson	Signature: Jeffrey S Carlson	Date/Time: 1/27/2020 14:00
Received by: EE	Signature: [signature]	Date/Time: 1-28-2020 @ 12:50pm

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Asbestos Chain-of-Custody Form

Additional Page(s)

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Company Name: GEI Consultants **Project:** #2000318

Lab No.	Client Sample ID	HA Area #	Collection Date	Collection Time	PLM	PLM Point Count 400	PLM Point Count 1000	PLM NY Protocol	TEM - Bulk	Comments
	016 A		1/23/2020	AM / PM	✓					Drywall + joint compound S.E
	↓ B		↓	AM / PM	↓					Dining Room ↓ S.W
	↓ C			AM / PM						↓ N.W
	017 A			AM / PM						Drywall N. Bedroom East
	↓ B			AM / PM						↓ West
	↓ C			AM / PM						↓ South
	018 A			AM / PM						Drywall + joint Comp. SW
	↓ B			AM / PM						N. Bedroom ↓ NW
	↓ C			AM / PM						↓ NE
	019 A			AM / PM						Drywall N. Bath South
	↓ B			AM / PM						↓ West
	↓ C			AM / PM						↓ North
	020 A			AM / PM						Drywall + joint compound SW
	↓ B			AM / PM						N. Bath ↓ NW
	↓ C			AM / PM						↓ SE
	021 A			AM / PM						Drywall N.W. Bath West
	↓ B			AM / PM						↓ North
	↓ C		↓	AM / PM	↓					↓ South
				AM / PM						
				AM / PM						

Released by: Jeff Carlson Signature: Jeffrey S Carlson Date/Time: 1/23/2020 14:00

Received by: EC Signature: [illegible] Date/Time: 1-23-2020 @ 1750pm

ID1197-00-20, Parcel 35

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Asbestos Chain-of-Custody Form
Additional Page(s)

Company Name: GEI Consultants **Project:** # 2000318

LAB USE ONLY: EHS Order Number
_______ - _______ - 038lele

Lab No.	Client Sample ID	HA Area #	Collection Date	Collection Time	PLM	PLM Point Count 400	PLM Point Count 1000	PLM NY Protocol	TEM - Bulk	Comments
	022 A		1/23/2020	AM / PM	✓					Drywall + joint Compound N.E
	↓ B		↓	AM / PM	↓					N.W. Bath ↓ N.W
	C			AM / PM						South
	023 A			AM / PM						Drywall WBR West
	↓ B			AM / PM						↓ North
	C			AM / PM						East
	024 A			AM / PM						Drywall + joint Comp SW
	↓ B			AM / PM						West Bedroom ↓ NW
	C			AM / PM						East Closet (Corner)
	025 A			AM / PM						Drywall SWBR ~~South~~ South West
	↓ B			AM / PM						↓ West
	C			AM / PM						North
	026 A			AM / PM						Drywall + joint compound SW
	↓ B			AM / PM						S.W. Bedroom ↓ South
	C			AM / PM						NorthWest
	~~00~~ 027 A			AM / PM						Kitchen Textured Ceiling South
	↓ B			AM / PM						N. Bedroom ↓ Center
	C			AM / PM						N. Bath S. West
	D			AM / PM						Dining N. West
	E			AM / PM						S. East BR South

Released by: Jeff Carlson	Signature: Jeffrey Carlson	Date/Time: 1/27/2020 14:00
Received by: EL	Signature: [signature]	Date/Time: 1-28-2020 @ 1:25pm

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Asbestos Chain-of-Custody Form

Additional Page(s)

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Company Name: GEI Consultants **Project:** #2000318

Lab No.	Client Sample ID	HA Area #	Collection Date	Collection Time	PLM	PLM Point Count 400	PLM Point Count 1000	PLM NY Protocol	TEM - Bulk	Comments
	028 A		1/23/2020	AM / PM	✓					Gray Linoleum West
	↓ B			AM / PM	↓					Dining / Kitchen Center/Island
	↓ C			AM / PM						↓ East
	029 A			AM / PM						Tan Linoleum N. Bath SE
	↓ B			AM / PM						↓ SW
	↓ C			AM / PM						↓ NE
	030 A			AM / PM						Green Linoleum SE
	↓ B			AM / PM						N.W. Bath ↓ Center
	↓ C			AM / PM						↓ West
	031 A			AM / PM						Sink undercoat
	↓ B			AM / PM						Kitchen ↓
	↓ C			AM / PM						
	032 A			AM / PM						White Caulk N. Bath
	↓ B			AM / PM						↓
	↓ C			AM / PM						
	033 A			AM / PM						Tub Surround MASTIC *
	↓ B			AM / PM						N. Bath ↓
	↓ C			AM / PM	↓					
				AM / PM						
				AM / PM						

Released by: Jeff Carlson Signature: Jeffrey S Carlson Date/Time: 1/27/2020 14:00

Received by: _____ Signature: _____ Date/Time: 1-28-2020 [illegible]

* Analyze MASTIC only

ID1197-00-20, Parcel 35

EHS Laboratories™

Asbestos Chain-of-Custody Form

Additional Page(s)

LAB USE ONLY: EHS Order Number _____ - _____ - 038166

Company Name: GEI Consultants **Project:** # 2000318

Lab No.	Client Sample ID	HA Area #	Collection Date	Collection Time	PLM	PLM Point Count 400	PLM Point Count 1000	PLM NY Protocol	TEM - Bulk	Comments
	034 A		1/23/2020	AM / PM	✓					Caulk N.W. Bath
	↓ B			AM / PM	↓					↓
	↓ C			AM / PM						
	035 A			AM / PM						Textured Ceiling N.W. Bath
	↓ B			AM / PM						↓ West BR
	↓ C			AM / PM						↓ SW BR
	036 A			AM / PM						1x1 Tan Ceiling Tile
	↓ B			AM / PM						Kitchen Closet
	↓ C			AM / PM						↓
	037 A			AM / PM						Ceiling Plaster Kitchen Closet
	↓ B			AM / PM						↓ ↓
	↓ C			AM / PM						
	038 A			AM / PM						WAN Plaster Kitchen
	↓ B			AM / PM						↓ Closet
	↓ C			AM / PM						↓ ↓
	039 A			AM / PM						Brown Ceiling tile/panel Kitchen
	↓ B			AM / PM						↓ Closet
	↓ C			AM / PM	↓					↓ ↓
				AM / PM						
				AM / PM						

Released by: Jeff Carlson Signature: Jeffrey S Carlson Date/Time: 1/27/2020 14:00

Received by: EE Signature: [illegible] Date/Time: 1-28-2020 @ 1252pm

ID1197-00-20, Parcel 35

EHS Laboratories™

Asbestos Chain-of-Custody Form
Additional Page(s)

LAB USE ONLY: EHS Order Number ___-___-038lde

Company Name: GEI Consultants **Project:** # 2000318

Lab No.	Client Sample ID	HA Area #	Collection Date	Collection Time	PLM	PLM Point Count 400	PLM Point Count 1000	PLM NY Protocol	TEM - Bulk	Comments
	040 A		1/23/2020	AM / PM	✓					Ceiling Drywall Kitchen
	↓ B		↓	AM / PM	↓					N. Bedroom
	↓ C			AM / PM						↓ S.E. Bedroom
	041 A			AM / PM						Ceiling Drywall N.W. Bath
	↓ B			AM / PM						West Bedroom
	↓ C			AM / PM						↓ S.W. Bedroom
	042 A			AM / PM						White Caulk S. Entrance
	↓ B			AM / PM						(under siding adj to door)
	↓ C			AM / PM						↓
	043 A			AM / PM						Brown fibrous attic Ins.
	↓ B			AM / PM						
	↓ C			AM / PM						↓
	044 A			AM / PM						Asphalt Roof Material North
	↓ B			AM / PM						
	↓ C			AM / PM						↓ ↓
	045 A			AM / PM						Tar paper Kitchen East
	↓ B			AM / PM						(behind Drywall)
	↓ C		↓	AM / PM	↓					↓
				AM / PM						
				AM / PM						

Released by:	Jeff Carlson	Signature:	Jeffrey S. Carlson	Date/Time:	1/27/2020 14:00
Received by:	EE	Signature:	[illegible]	Date/Time:	1-28-2020 @ 1232pm

ID1197-00-20, Parcel 35

ASBESTOS INSPECTOR

Issued By

STATE OF WISCONSIN

Dept. of Health Services

Jeffrey Scott Carlson

1394 Ridgecrest Trl

Green Bay WI 54313-5388

		200 lbs	6' 00"
AII-3420	Exp: 11/14/2020	03/11/1966	

Training due by: 11/14/2020

Milwaukee Lead/Asbestos Information Center

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

Paul Michael Garvey

Has successfully completed a course and passed the examination on February 7, 2020 *with a minimum score of 70 percent, that meets all criteria for the State of Wisconsin Recertification as an*

Asbestos Inspector Refresher Course

Date of Course: *February 7, 2020*
Date Issued *February 11, 2020*
Date of Expiration: *February 7, 2021*
Certification Number: *AIR20020759017*
Location: *Green Bay, WI*

DCQ Course ID #: 9606

Rocky Everly, 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.

ID1197-00-20, Parcel 35

Exhibits

ID: 1197-00-20 – Parcel 39

Removal, Grading, Backfill

Location Map

Photos

Asbestos Inspection Report

Well and Septic Abandonment Report

Remove: Parcel 39:

The parcel includes four building improvements, medium sized landscaping rock surrounding two garden ponds/waterfalls, and an exterior woodstove to be removed. In addition, there may some fencing, wooden bird houses, flower pots, remaining wood throughout the property. Should the previous owner not have them removed, they will be made part of this contract and will need to be cleared.

Improvement 39A: 1,432 square foot walkout ranch style home. The exterior of the home has wood siding and the roof is asphalt/composite shingles. The home has a total of six rooms including three bedrooms and one full bath above grade. There is a walk-out basement and a large deck. The home is in average physical condition with updates (approximately 2016) to the home including windows and roof. There was a sunroom attached to the back end of the home that has been removed. The home has well/septic that will need to be removed.

Improvement 39B: Two stall, wood frame, detached garage. The exterior of the garage is metal siding with metal roof.

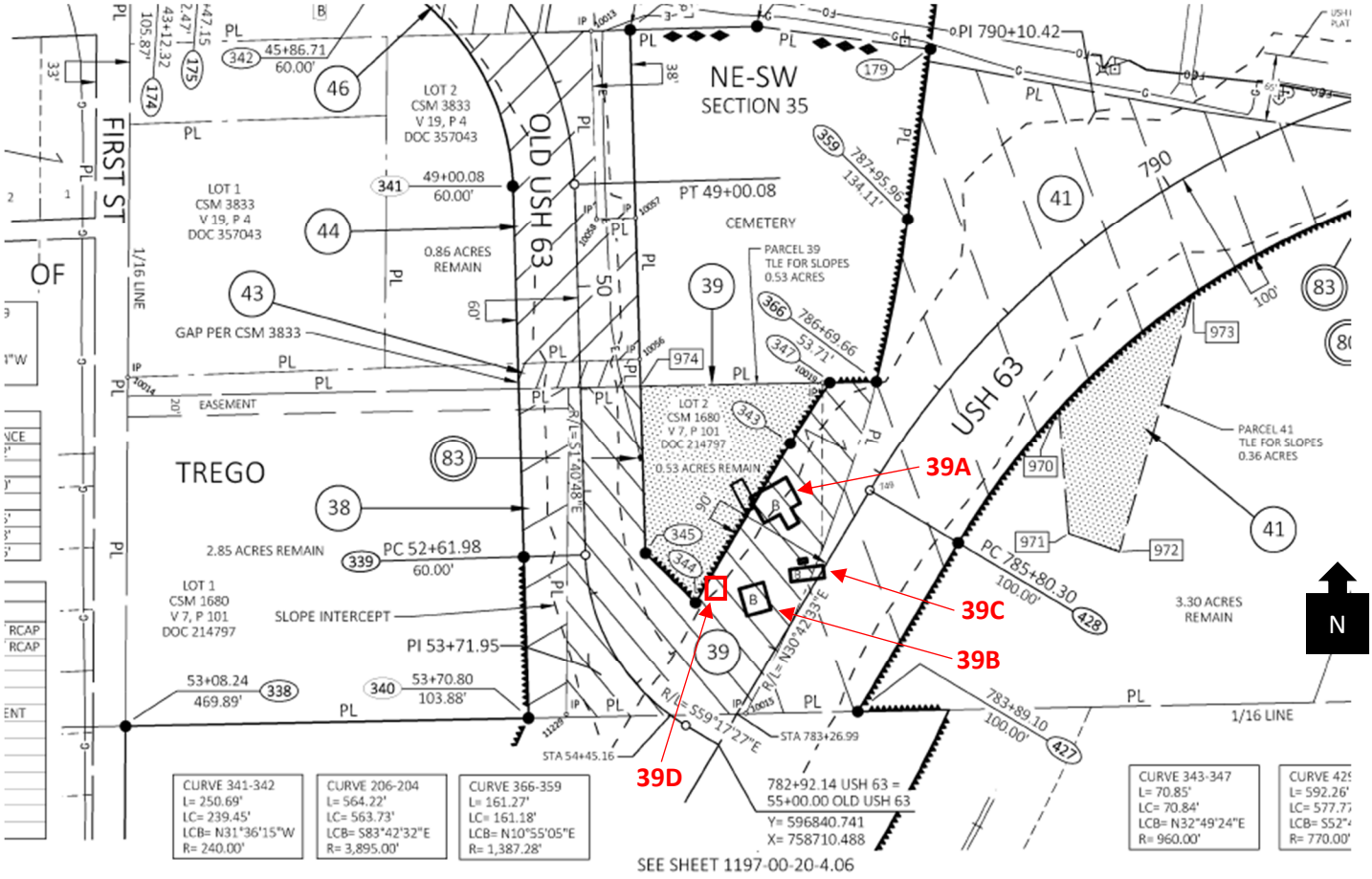
Improvement 39C: Open wood storage with metal roof that has caved in.

Improvement 39D: Small wooden shed.

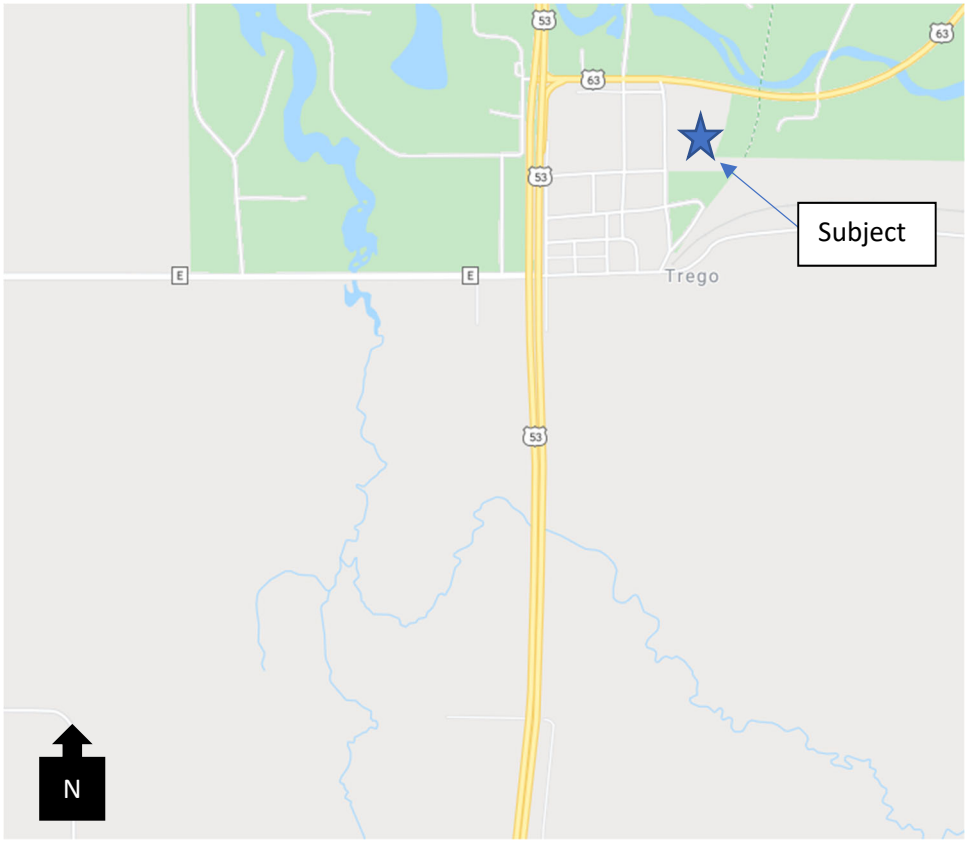
Grading: As directed by the State Department of Transportation inspector. Reference Special Provisions – Article 2 – Item #5.

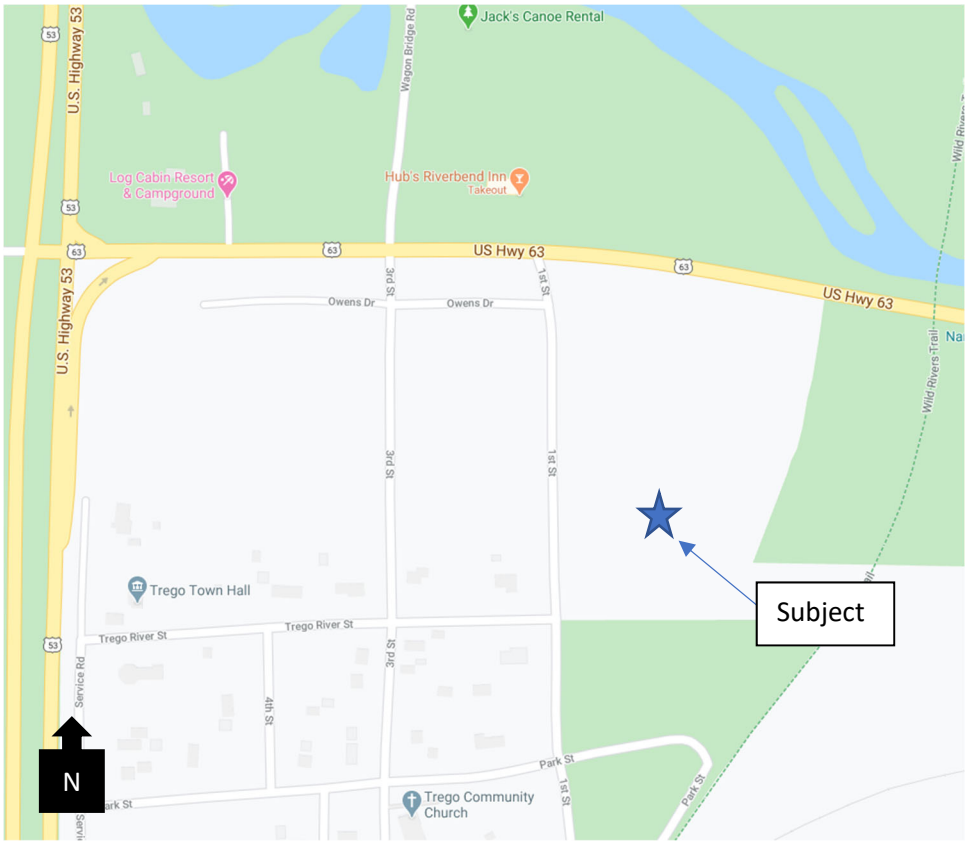
Floor Plan – Following Pages

Backfill: Reference subsection 204.3.1.2 of the Standard Specifications, Septic Tank-Granular Material; Well-Concrete or other Material Acceptable to Wisconsin Department of Natural Resources.


NE-SW
SECTION 35
OLD USH 63
USH 63
FIRST ST
TREGO
1/16 LINE
PI 790+10.42
45+86.71
60.00'
49+00.08
60.00'
PT 49+00.08
CEMETERY
PARCEL 39
TLE FOR SLOPES
0.53 ACRES
0.86 ACRES
REMAIN
GAP PER CSM 3833
EASEMENT
LOT 1
CSM 3833
V 19, P 4
DOC 357043
LOT 2
CSM 3833
V 19, P 4
DOC 357043
LOT 2
CSM 1680
V 7, P 101
DOC 214797
0.53 ACRES REMAIN
LOT 1
CSM 1680
V 7, P 101
DOC 214797
2.85 ACRES REMAIN
PC 52+61.98
60.00'
SLOPE INTERCEPT
PI 53+71.95
53+08.24
469.89'
53+70.80
103.88'
786+69.66
53.71'
787+95.96
134.11'
PARCEL 41
TLE FOR SLOPES
0.36 ACRES
PC 785+80.30
100.00'
3.30 ACRES
REMAIN
783+89.10
100.00'
1/16 LINE
STA 783+26.99
STA 54+45.16
782+92.14 USH 63 =
55+00.00 OLD USH 63
Y= 596840.741
X= 758710.488
39A
39B
39C
39D
N
CURVE 341-342
L= 250.69'
LC= 239.45'
LCB= N31°36'15"W
R= 240.00'
CURVE 206-204
L= 564.22'
LC= 563.73'
LCB= S83°42'32"E
R= 3,895.00'
CURVE 366-359
L= 161.27'
LC= 161.18'
LCB= N10°55'05"E
R= 1,387.28'
CURVE 343-347
L= 70.85'
LC= 70.84'
LCB= N32°49'24"E
R= 960.00'
SEE SHEET 1197-00-20-4.06

ID: 1197-00-20, Parcel 39





ID: 1197-00-20, Parcel 39

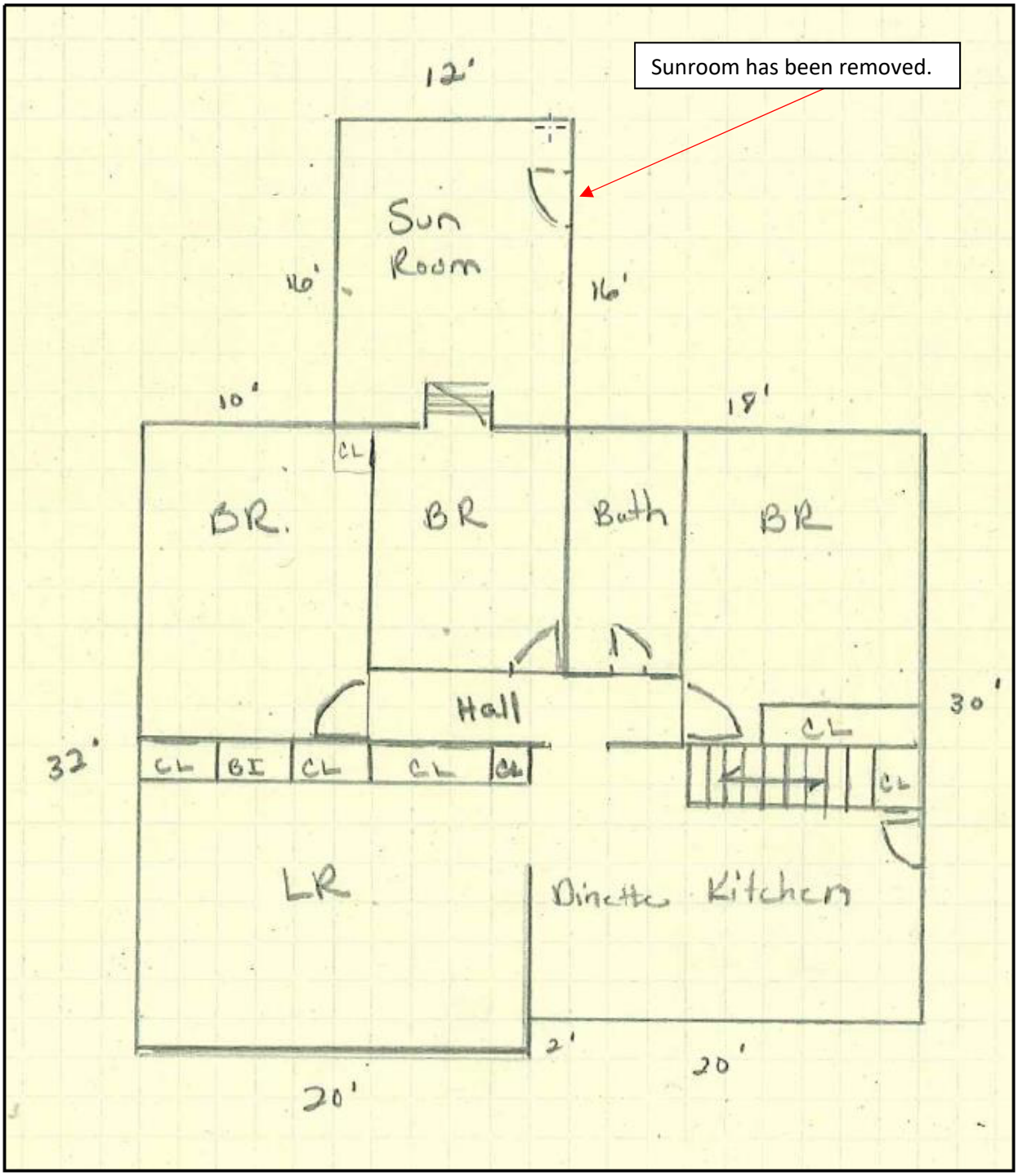


Figure 1: Layout of Building 39A

Figure 2: Building 39A, View of Southwest Side

Figure 3: Building 39A, View of Northwest Side

Figure 4: Building 39A, View of South Side

Figure 5: Building 39B, View of North Side

Figure 6: Building 39D, View of North Side

Figure 7: Building 39C and Wood Stove, View of North Side

Asbestos-Containing Material and Pre-Demolition Reconnaissance

W5555 USH 63
Trego, Washburn County, Wisconsin

October 2019

WisDOT Project #1197-00-20

Prepared For:

Wisconsin Department of Transportation

Prepared By:

TRC
708 Heartland Trail, Suite 3000
Madison, Wisconsin 53717

John Roelke
WDHFS Asbestos Inspector, AII-119523

Daniel Haak, P.E.
Project Manager

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1.2 ACM Inspection 1
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3.0 CONCLUSIONS AND RECOMMENDATIONS **2**

TABLES

Table 1: Asbestos Survey Log and Bulk Asbestos Analytical Results

FIGURES

Figure 1: Site Location Map
Figure 2: Sample Locations

APPENDICES

Appendix A: Photographs
Appendix B: Laboratory Analytical Results

COMMONLY USED ABBREVIATIONS AND ACRONYMS

AST	aboveground storage tank
bgs	below ground surface
BRRTS	Bureau for Remediation and Redevelopment Tracking System
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CTH	County Trunk Highway
CY	cubic yards
DATCP	Department of Agriculture, Trade and Consumer Protection
DRO	diesel range organics
FDM	Facilities Development Manual
EMP	Excavation Management Plan
ERP	Environmental Repair Program
ES	Enforcement Standards
ESA	Environmental Site Assessment
FINDS	Facility Index System/Facility Identification Initiative Program Summary Report
GIS Registry	WDNR Geographic Information System (GIS) Registry of Closed Remediation Sites
GRO	gasoline range organics
HAZWOPER	Code of Federal Registry Chapter 29 (29 CFR) Part 1910.120 Hazardous Waste Operations and Emergency Response
HMA	Hazardous Materials Assessment
IH	Interstate Highway
LQG	large quantity generator
LUST	leaking underground storage tank
NPL	National Priorities List
NR ###	Wisconsin Administrative Code (WAC) Natural Resources (NR) Chapter ###
PAHs	polynuclear aromatic hydrocarbons
PAL	Preventive Action Limits
PCBs	polychlorinated biphenyls
PCE	perchloroethylene/tetrachloroethylene
PID	photoionization detector
PVOCs	petroleum volatile organic compounds
RCLs	Residual Contaminant Levels in NR 720
RCRA	Resource Conservation and Recovery Act
RCRIS	Resource Conservation and Recovery Information System
R/W or ROW	right-of-way
sf	square feet
STH	State Trunk Highway
TCE	trichloroethylene
TRIS	Toxic Chemical Release Inventory System
USGS	United States Geological Survey
USH	United States Highway
UST	underground storage tank
VOCs	volatile organic compounds
WDNR	Wisconsin Department of Natural Resources
WisDOT	Wisconsin Department of Transportation
WGNHS	Wisconsin Geological and Natural History Survey
WI ERP	Wisconsin Environmental Repair Program database

Executive Summary

The WisDOT has acquired the property at W5555 USH 63 in Trego, Washburn County, Wisconsin. The property contains a house and two outbuildings that will be demolished and the site cleared.

TRC Environmental Corporation (TRC) has been contracted by the WisDOT to perform an asbestos-containing materials (ACM) delineation inspection of the property, in order to identify asbestos that must be removed prior to demolition of the house and outbuildings.

No Asbestos-Containing Material (ACM) is present in the house or outbuildings. The demolition of the house and outbuildings, and site clearing of the property can proceed as planned.

TRC's pre-demolition reconnaissance of the property and buildings identified the following:

- No significant solid waste and debris noted around the property. If encountered, TRC recommends proper disposal of these items be completed concurrent with the demolition of the buildings.
- No evidence of storage tanks or containerized liquids were observed during the inspection.

1.0 Background

1.1 Introduction

The WisDOT has acquired the property at W5555 USH 63 in Trego, Washburn County, Wisconsin (Figure 1). The property contains a house and two outbuildings that will be demolished and the site cleared.

TRC has been contracted by the WisDOT to perform an ACM delineation inspection of the property, in order to identify asbestos that must be removed prior to demolition of the house and outbuildings.

1.2 ACM Inspection

On September 24, 2019, TRC conducted an asbestos inspection of the property in order to determine the extent of ACM in the house and outbuildings, and to identify any ACM that would require management during demolition. This was accomplished by identifying, sampling, characterizing, quantifying, and laboratory-analyzing potential ACM.

2.0 ACM Delineation

2.1 ACM Sampling

TRC conducted an ACM survey of the building and outbuildings on September 24, 2019. Samples of suspect ACM were collected for laboratory analysis in accordance with the United States Environmental Protection Agency's (USEPA's) Asbestos Hazardous Emergency Response Act (AHERA) 40 CFR Part 763, Subpart E, as indicated in WDNR and Occupational Safety and Health Administration (OSHA) regulations. A minimum of three randomly distributed samples of each type of material identified as homogeneous (same type, color, and age of application) were collected by John Roelke, WDHFS Asbestos Inspector #AII-119523. If there was any reason to suspect that the materials might be different, those materials were sampled separately. Samples were collected by hand using hammers, chisels, and utility knives. Sufficient water was applied before and during sample collection to prevent the generation of airborne particulate as a result of sampling activities.

A total of 16 samples were collected during the September sampling event and analyzed for the presence of ACM. Materials sampled included: ceramic tile, grout, carpet, carpet padding, subfloor, mastic, plaster, wallboard, shingles, tar paper, and caulk. See Appendix A for photographs and Figure 2 for sample locations.

Collected samples were analyzed by TRC Solutions, Inc. (TRC) in Windsor, Connecticut. Samples were analyzed on a 3-day turnaround basis using polarized light microscopy (PLM) with dispersion staining techniques. If one sample of a homogeneous material tested positive for asbestos, the remaining samples of that material were not analyzed.

2.2 ACM Sampling Results

The locations and types of the material sampled, the collection date, the sample number, and the condition of the material are presented in Table 1 (Asbestos Survey Log and Bulk Asbestos Analytical Results). Photographs showing representative sampled materials can be found in Appendix A. TRC's laboratory analysis report is included in Appendix B.

No Asbestos-Containing Material (ACM) is present in the house or outbuildings.

3.0 Conclusions and Recommendations

No Asbestos-Containing Material (ACM) is present in the house. The demolition of the house and outbuildings, and site clearing can proceed as planned.

TRC's pre-demolition reconnaissance of the property and house identified the following:

- No significant solid waste and debris noted around the property. If encountered, TRC recommends proper disposal of these items be completed concurrent with the demolition of the buildings.
- No evidence of storage tanks or containerized liquids were observed during the inspection.

Table 1
Asbestos Survey Log and Bulk Asbestos Analytical Results

Client: WisDOT
Name: W5555 USH 63
Location: Trego, Washburn County
Project ID: 1197-00-20

Project Number: 362327.0000.0000
Sample Collection Date: September 24, 2019
Samples Collected By: John Roelke
Asbestos Inspector Number: AII-119523

SAMPLE NUMBER	SAMPLE LOCATION	SAMPLE DESCRIPTION	COLOR	CONDITION	ANALYTICAL METHOD AND RESULTS	FRIABLE/ NON-FRIABLE	QUANTITY
HA-1-1	Floor tile - Kitchen & Dining Room	Subfloor	Grey	Good	PLM, Non-Detect	Non-friable	No ACM
		Grout	Beige	Good	PLM, Non-Detect	Non-friable	No ACM
		16"x16" Ceramic tile	Brown	Good	PLM, Non-Detect	Non-friable	No ACM
HA-1-2	Floor tile - Kitchen & Dining Room	Subfloor	Grey	Good	PLM, Non-Detect	Non-friable	No ACM
		Grout	Beige	Good	PLM, Non-Detect	Non-friable	No ACM
		16"x16" Ceramic tile	Brown	Good	PLM, Non-Detect	Non-friable	No ACM
HA-1-3	Floor tile - Kitchen & Dining Room	Subfloor	Grey	Good	PLM, Non-Detect	Non-friable	No ACM
		Grout	Beige	Good	PLM, Non-Detect	Non-friable	No ACM
		16"x16" Ceramic tile	Brown	Good	PLM, Non-Detect	Non-friable	No ACM
HA-2-1	Counter tile - Kitchen	Grout	Brown	Good	PLM, Non-Detect	Non-friable	No ACM
		3"x3" Ceramic tile	Cream	Good	PLM, Non-Detect	Non-friable	No ACM
HA-2-2	Counter tile - Kitchen	Grout	Brown	Good	PLM, Non-Detect	Non-friable	No ACM
		3"x3" Ceramic tile	Cream	Good	PLM, Non-Detect	Non-friable	No ACM
HA-2-3	Counter tile - Kitchen	Grout	Brown	Good	PLM, Non-Detect	Non-friable	No ACM
		3"x3" Ceramic tile	Cream	Good	PLM, Non-Detect	Non-friable	No ACM
HA-3-1	Carpet & pad - Bedrooms 1 & 2, Hall, Closet	Padding	Cream	Good	PLM, Non-Detect	Non-friable	No ACM
		Carpet	Brown	Good	PLM, Non-Detect	Non-friable	No ACM
HA-3-2	Carpet & pad - Bedrooms 1 & 2, Hall, Closet	Padding	Cream	Good	PLM, Non-Detect	Non-friable	No ACM
		Carpet	Brown	Good	PLM, Non-Detect	Non-friable	No ACM
HA-3-3	Carpet & pad - Bedrooms 1 & 2, Hall, Closet	Padding	Cream	Good	PLM, Non-Detect	Non-friable	No ACM
		Carpet	Brown	Good	PLM, Non-Detect	Non-friable	No ACM
HA-4-1	Carpet & pad - Bedroom 3	Padding	Cream	Good	PLM, Non-Detect	Non-friable	No ACM
		Carpet	Red	Good	PLM, Non-Detect	Non-friable	No ACM
HA-4-2	Carpet & pad - Bedroom 3	Padding	Cream	Good	PLM, Non-Detect	Non-friable	No ACM
		Carpet	Red	Good	PLM, Non-Detect	Non-friable	No ACM
HA-4-3	Carpet & pad - Bedroom 3	Padding	Cream	Good	PLM, Non-Detect	Non-friable	No ACM
		Carpet	Red	Good	PLM, Non-Detect	Non-friable	No ACM
HA-5-1	Floor tile - perimeter of Kitchen & Dining Room	Subfloor grout	Dark gray	Good	PLM, Non-Detect	Non-friable	No ACM
HA-5-2	Floor tile - perimeter of Kitchen & Dining Room	Subfloor grout	Dark gray	Good	PLM, Non-Detect	Non-friable	No ACM
HA-5-3	Floor tile - perimeter of Kitchen & Dining Room	Subfloor grout	Dark gray	Good	PLM, Non-Detect	Non-friable	No ACM
HA-6-1	Floor - Living Room	Subfloor mastic	Tan	Good	PLM, Non-Detect	Non-friable	No ACM
HA-6-2	Floor - Living Room	Subfloor mastic	Tan	Good	PLM, Non-Detect	Non-friable	No ACM
HA-6-3	Floor - Living Room	Subfloor mastic	Tan	Good	PLM, Non-Detect	Non-friable	No ACM

ID 1197-00-20, Parcel 39

Table 1
Asbestos Survey Log and Bulk Asbestos Analytical Results

Client: WisDOT
Name: W5555 USH 63
Location: Trego, Washburn County
Project ID: 1197-00-20

Project Number: 362327.0000.0000
Sample Collection Date: September 24, 2019
Samples Collected By: John Roelke
Asbestos Inspector Number: AII-119523

SAMPLE NUMBER	SAMPLE LOCATION	SAMPLE DESCRIPTION	COLOR	CONDITION	ANALYTICAL METHOD AND RESULTS	FRIABLE/ NON-FRIABLE	QUANTITY
HA-7-1	Floor tile - Bathroom 1	Mastic	Tan	Good	PLM, Non-Detect	Non-friable	No ACM
		Grout	Gray	Good	PLM, Non-Detect	Non-friable	No ACM
		1"x1" Ceramic tile	Pink/gray/white	Good	PLM, Non-Detect	Non-friable	No ACM
HA-7-2	Floor tile - Bathroom 1	Mastic	Tan	Good	PLM, Non-Detect	Non-friable	No ACM
		Grout	Gray	Good	PLM, Non-Detect	Non-friable	No ACM
		1"x1" Ceramic tile	Pink/gray/white	Good	PLM, Non-Detect	Non-friable	No ACM
HA-7-3	Floor tile - Bathroom 1	Mastic	Tan	Good	PLM, Non-Detect	Non-friable	No ACM
		Grout	Gray	Good	PLM, Non-Detect	Non-friable	No ACM
		1"x1" Ceramic tile	Pink/gray/white	Good	PLM, Non-Detect	Non-friable	No ACM
HA-8-1	Wall tile - Bathroom 1	Mastic	Tan	Good	PLM, Non-Detect	Non-friable	No ACM
		Grout	White	Good	PLM, Non-Detect	Non-friable	No ACM
		4"x4" Ceramic tile	Pink	Good	PLM, Non-Detect	Non-friable	No ACM
HA-8-2	Wall tile - Bathroom 1	Mastic	Tan	Good	PLM, Non-Detect	Non-friable	No ACM
		Grout	White	Good	PLM, Non-Detect	Non-friable	No ACM
		4"x4" Ceramic tile	Pink	Good	PLM, Non-Detect	Non-friable	No ACM
HA-8-3	Wall tile - Bathroom 1	Mastic	Tan	Good	PLM, Non-Detect	Non-friable	No ACM
		Grout	White	Good	PLM, Non-Detect	Non-friable	No ACM
		4"x4" Ceramic tile	Pink	Good	PLM, Non-Detect	Non-friable	No ACM
HA-9-1	Walls - Bathroom 1	Wallpaper mastic	Tan	Good	PLM, Non-Detect	Non-friable	No ACM
HA-9-2	Walls - Bathroom 1	Wallpaper mastic	Tan	Good	PLM, Non-Detect	Non-friable	No ACM
HA-9-3	Walls - Bathroom 1	Wallpaper mastic	Tan	Good	PLM, Non-Detect	Non-friable	No ACM
HA-10-1	Ceiling - Kitchen, Dining Room, Living Room, Hallway, Basement Rec Room	Textured ceiling	White	Good	PLM, Non-Detect	Non-friable	No ACM
		Ceiling plaster	Gray	Good	PLM, Non-Detect	Non-friable	No ACM
HA-10-2	Ceiling - Kitchen, Dining Room, Living Room, Hallway, Basement Rec Room	Textured ceiling	White	Good	PLM, Non-Detect	Non-friable	No ACM
		Ceiling plaster	Gray	Good	PLM, Non-Detect	Non-friable	No ACM
HA-10-3	Ceiling - Kitchen, Dining Room, Living Room, Hallway, Basement Rec Room	Textured ceiling	White	Good	PLM, Non-Detect	Non-friable	No ACM
		Ceiling plaster	Gray	Good	PLM, Non-Detect	Non-friable	No ACM
HA-11-1	Ceiling - Bedroom 1,2&3	Textured ceiling	White	Good	PLM, Non-Detect	Non-friable	No ACM
		Ceiling plaster	Gray	Good	PLM, Non-Detect	Non-friable	No ACM
HA-11-2	Ceiling - Bedroom 1,2&3	Textured ceiling	White	Good	PLM, Non-Detect	Non-friable	No ACM
		Ceiling plaster	Gray	Good	PLM, Non-Detect	Non-friable	No ACM
HA-11-3	Ceiling - Bedroom 1,2&3	Textured ceiling	White	Good	PLM, Non-Detect	Non-friable	No ACM
		Ceiling plaster	Gray	Good	PLM, Non-Detect	Non-friable	No ACM

ID 1197-00-20, Parcel 39

Table 1
Asbestos Survey Log and Bulk Asbestos Analytical Results

Client: WisDOT
Name: W5555 USH 63
Location: Trego, Washburn County
Project ID: 1197-00-20

Project Number: 362327.0000.0000
Sample Collection Date: September 24, 2019
Samples Collected By: John Roelke
Asbestos Inspector Number: AII-119523

SAMPLE NUMBER	SAMPLE LOCATION	SAMPLE DESCRIPTION	COLOR	CONDITION	ANALYTICAL METHOD AND RESULTS	FRIABLE/ NON-FRIABLE	QUANTITY
HA-12-1	Walls - Kitchen, Dining Room, Hallway, Closet, Bedrooms 1,2&3	Wall plaster	Pink/gray	Good	PLM, Non-Detect	Non-friable	No ACM
HA-12-2	Walls - Kitchen, Dining Room, Hallway, Closet, Bedrooms 1,2&3	Wall plaster	Pink/gray	Good	PLM, Non-Detect	Non-friable	No ACM
HA-12-3	Walls - Kitchen, Dining Room, Hallway, Closet, Bedrooms 1,2&3	Wall plaster	Pink/gray	Good	PLM, Non-Detect	Non-friable	No ACM
HA-13-1	Walls - Basement Bathroom	Wallboard	White/brown	Good	PLM, Non-Detect	Non-friable	No ACM
HA-13-2	Walls - Basement Bathroom	Wallboard	White/brown	Good	PLM, Non-Detect	Non-friable	No ACM
HA-13-3	Walls - Basement Bathroom	Wallboard	White/brown	Good	PLM, Non-Detect	Non-friable	No ACM
HA-14-1	Roof - North & South sides	Tar paper	Black	Good	PLM, Non-Detect	Non-friable	No ACM
		Shingle	Black/red	Good	PLM, Non-Detect	Non-friable	No ACM
HA-14-2	Roof - North & South sides	Tar paper	Black	Good	PLM, Non-Detect	Non-friable	No ACM
		Shingle	Black/red	Good	PLM, Non-Detect	Non-friable	No ACM
HA-14-3	Roof - North & South sides	Tar paper	Black	Good	PLM, Non-Detect	Non-friable	No ACM
		Shingle	Black/red	Good	PLM, Non-Detect	Non-friable	No ACM
HA-15-1	Roof - South side outer layer	Shingle	Black/red/tan/gray	Good	PLM, Non-Detect	Non-friable	No ACM
HA-15-2	Roof - South side outer layer	Shingle	Black/red/tan/gray	Good	PLM, Non-Detect	Non-friable	No ACM
HA-15-3	Roof - South side outer layer	Shingle	Black/red/tan/gray	Good	PLM, Non-Detect	Non-friable	No ACM
HA-16-1	Around window exterior	Caulk	Gray	Good	PLM, Non-Detect	Non-friable	No ACM
HA-16-2	Around window exterior	Caulk	Gray	Good	PLM, Non-Detect	Non-friable	No ACM
HA-16-3	Around window exterior	Caulk	Gray	Good	PLM, Non-Detect	Non-friable	No ACM

Notes:
PLM = Polarized Light Microscopy

Created By: A.Voit
Checked By: D.Haak

1. Inspection was completed following WisDOT standard sampling procedure for asbestos inspections found in FDM 21-5.

Condition Description:

Good: The material shows no visible damage or deterioration, or shows only limited damage or deterioration.

Damaged: The material is friable that has deteriorated or sustained physical damage.

Significantly damaged: The material is friable that has sustained extensive or severe damage.

ID 1197-00-20, Parcel 39

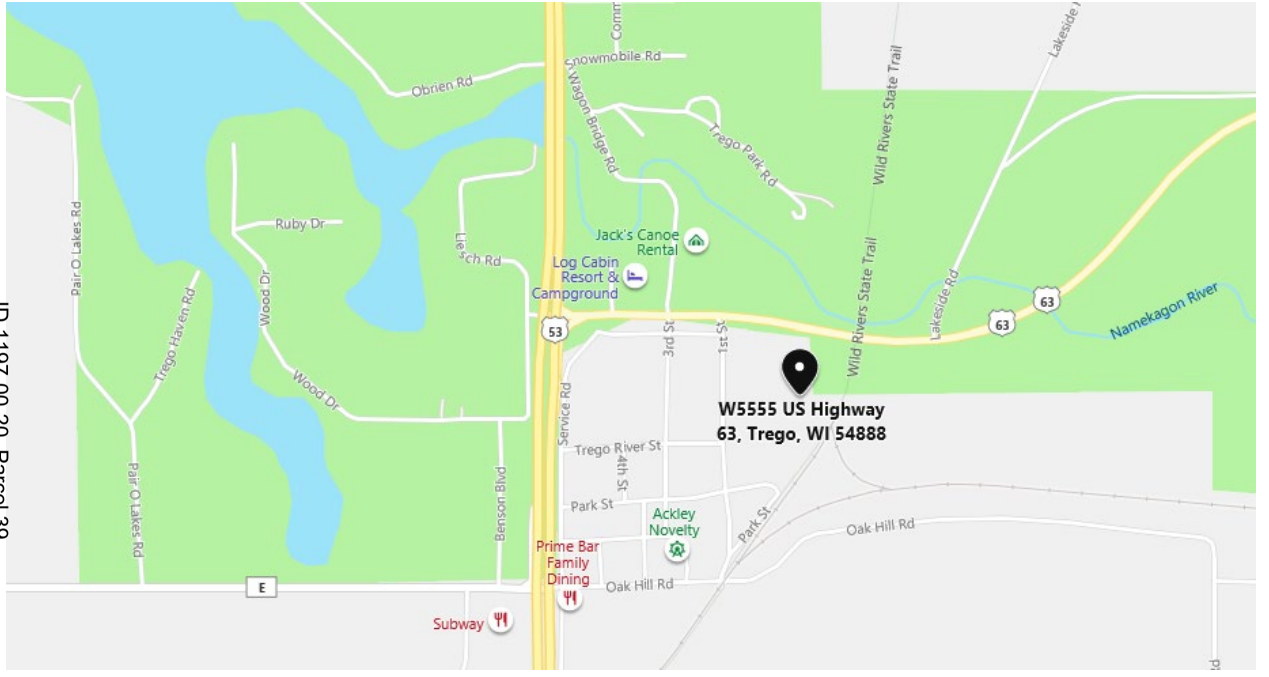


Figure 1: Site Location Map

ID 1197-00-20, Parcel 39

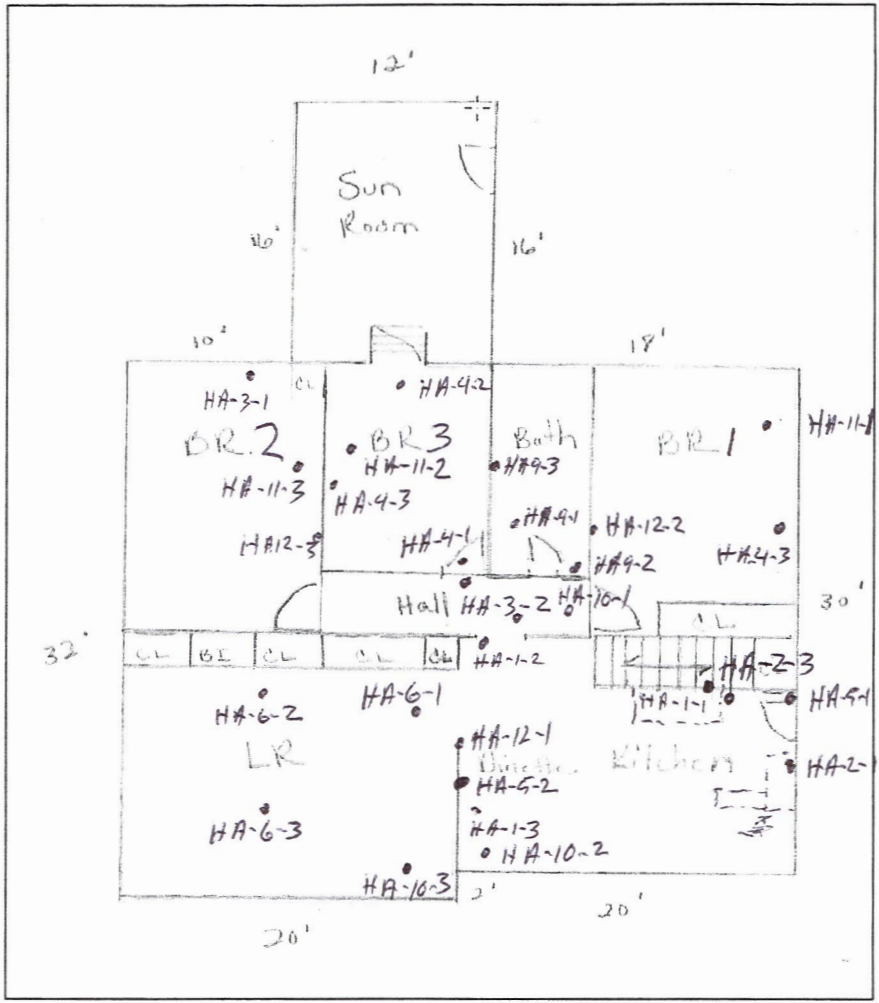


Figure 2 - Sample Locations

Appendix A: Photographs

Photographic Log

Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation	W5555 USH 63, Trego, Washburn County	WisDOT #1197-00-20 TRC #362327.0000.0000

Photo No.	Date
1	9/24/2019

Description
Front of house. Well in front yard.

Photo No.	Date
2	9/24/2019

Description
Side of house

Photographic Log

Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation	W5555 USH 63, Trego, Washburn County	WisDOT #1197-00-20 TRC #362327.0000.0000

Photo No.	Date
3	9/24/2019

Description
Back of house

Photo No.	Date
4	9/24/2019

Description
Side of house

Photographic Log

Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation	W5555 USH 63, Trego, Washburn County	WisDOT #1197-00-20 TRC #362327.0000.0000

Photo No.	Date
5	9/24/2019

Description
Septic pipes in yard along driveway

Photo No.	Date
6	9/24/2019

Description
Small outbuilding/chicken coop

Photographic Log

Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation	W5555 USH 63, Trego, Washburn County	WisDOT #1197-00-20 TRC #362327.0000.0000

Photo No.	Date
7	9/24/2019

Description
Exterior of small outbuilding/ chicken coop. No suspect ACM identified.

Photo No.	Date
8	9/24/2019

Description
Interior of small outbuilding/ chicken coop. No suspect ACM identified.

Photographic Log

Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation	W5555 USH 63, Trego, Washburn County	WisDOT #1197-00-20 TRC #362327.0000.0000

Photo No.	Date
9	9/24/2019

Description
Interior of small outbuilding/ chicken coop. No suspect ACM identified.

Photo No.	Date
10	9/24/2019

Description
Garage/shed. No suspect ACM identified.

Photographic Log

Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation	W5555 USH 63, Trego, Washburn County	WisDOT #1197-00-20 TRC #362327.0000.0000

Photo No.	Date
11	9/24/2019

Description
Interior of garage/shed. No suspect ACM identified.

Photo No.	Date
12	9/24/2019

Description
Kitchen

Photographic Log

Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation	W5555 USH 63, Trego, Washburn County	WisDOT #1197-00-20 TRC #362327.0000.0000

Photo No.	Date
13	9/24/2019

Description
Dining room

Photo No.	Date
14	9/24/2019

Description
16”x16” ceramic floor tile, grout & subfloor in kitchen and dining room. Non-detect for ACM.

Photographic Log

Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation	W5555 USH 63, Trego, Washburn County	WisDOT #1197-00-20 TRC #362327.0000.0000

Photo No.	Date
15	9/24/2019

Description
3”x3” ceramic tile & grout on counter in kitchen. Non-detect for ACM.

Photo No.	Date
16	9/24/2019

Description
Brown carpet & pad in 2 bedrooms, hallway and closet. Non-detect for ACM.

Photographic Log

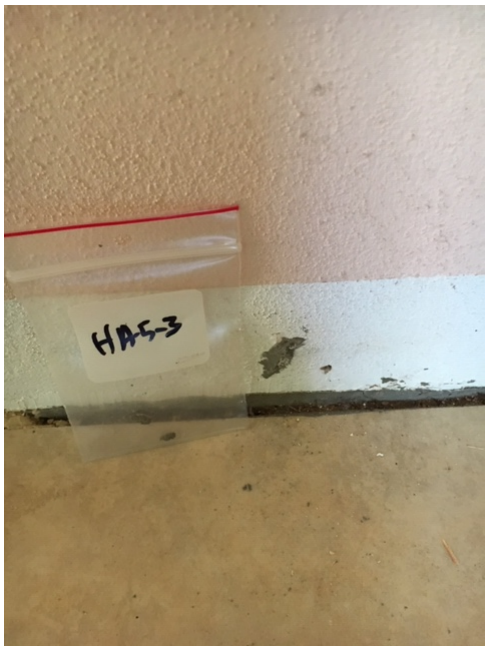
Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation	W5555 USH 63, Trego, Washburn County	WisDOT #1197-00-20 TRC #362327.0000.0000

Photo No.	Date
17	9/24/2019

Description
Red carpet & pad in bedroom. Non-detect for ACM.

Photo No.	Date
18	9/24/2019

Description
Dark gray grout around perimeter of floor in kitchen & dining room. Non-detect for ACM.



Photographic Log

Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation	W5555 USH 63, Trego, Washburn County	WisDOT #1197-00-20 TRC #362327.0000.0000

Photo No.	Date
19	9/24/2019

Description
Living room

Photo No.	Date
20	9/24/2019

Description
Mastic under flooring in living room. Non-detect for ACM.

Photographic Log

Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation	W5555 USH 63, Trego, Washburn County	WisDOT #1197-00-20 TRC #362327.0000.0000

Photo No.	Date
21	9/24/2019

Description
Bathroom 1

Photo No.	Date
22	9/24/2019

Description
1”x1” ceramic floor tile, grout & mastic in bathroom 1. Non-detect for ACM.

Photographic Log

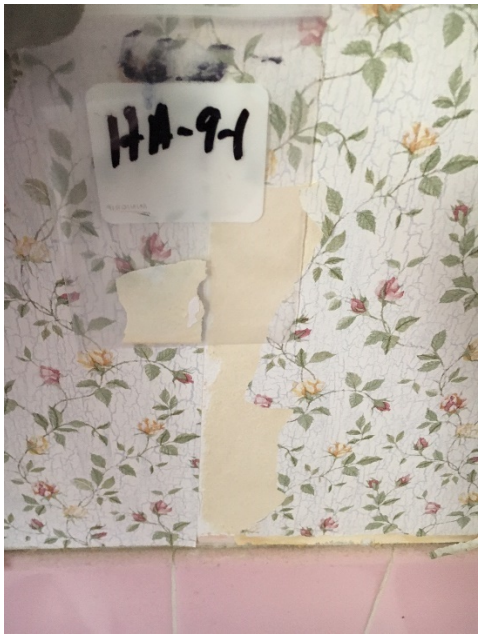
Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation	W5555 USH 63, Trego, Washburn County	WisDOT #1197-00-20 TRC #362327.0000.0000

Photo No.	Date
23	9/24/2019

Description
4”x4” ceramic wall tile, grout & mastic in bathroom 1. Non-detect for ACM.

Photo No.	Date
24	9/24/2019

Description
Wallpaper mastic in bathroom 1. Non-detect for ACM.



Photographic Log

Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation	W5555 USH 63, Trego, Washburn County	WisDOT #1197-00-20 TRC #362327.0000.0000

Photo No.	Date
25	9/24/2019

Description
Textured ceiling & plaster in kitchen, dining room, living room, hallway & basement rec room. Non-detect for ACM.

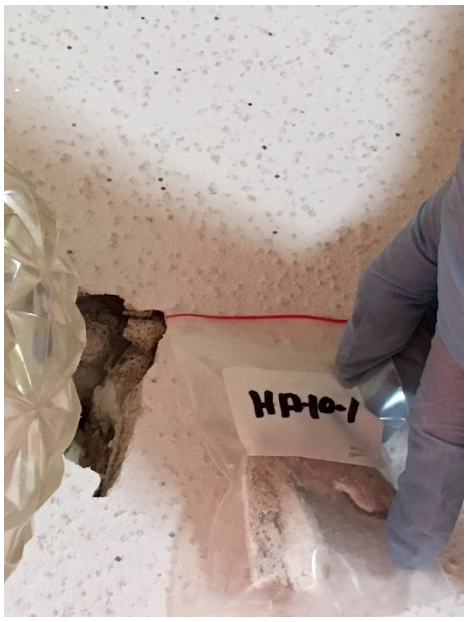


Photo No.	Date
26	9/24/2019

Description
Textured ceiling & plaster in all 3 bedrooms. Non-detect for ACM.

Photographic Log

Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation	W5555 USH 63, Trego, Washburn County	WisDOT #1197-00-20 TRC #362327.0000.0000

Photo No.	Date
27	9/24/2019

Description
Wall plaster on walls in kitchen, dining room, hallway, closet, and all bedrooms. Non-detect for ACM.

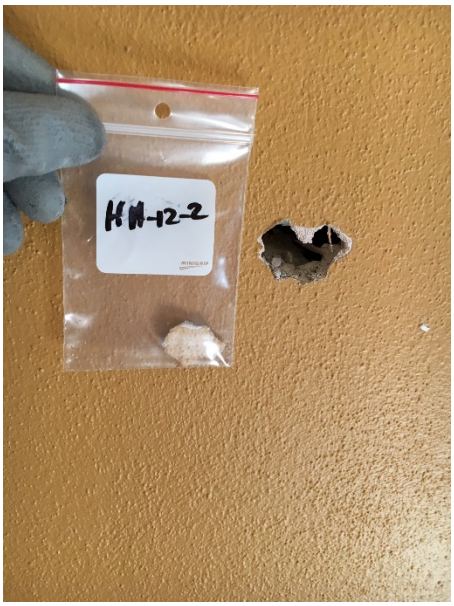


Photo No.	Date
28	9/24/2019

Description
Basement bathroom

Photographic Log

Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation	W5555 USH 63, Trego, Washburn County	WisDOT #1197-00-20 TRC #362327.0000.0000

Photo No.	Date
29	9/24/2019

Description
Wallboard on walls in basement bathroom. Non-detect for ACM.

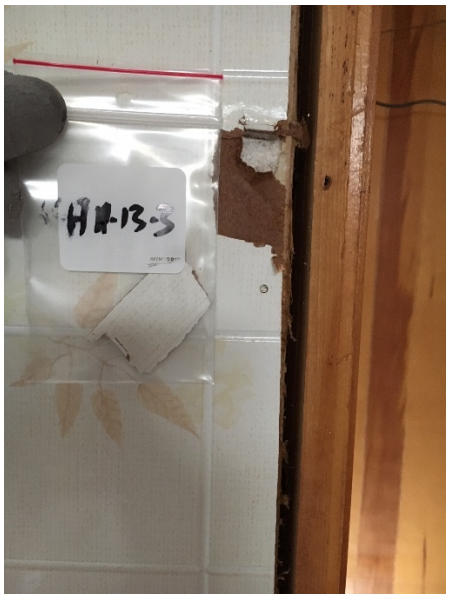


Photo No.	Date
30	9/24/2019

Description
Basement rec room area

Photographic Log

Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation	W5555 USH 63, Trego, Washburn County	WisDOT #1197-00-20 TRC #362327.0000.0000

Photo No.	Date
31	9/24/2019

Description
Basement storage area

Photo No.	Date
32	9/24/2019

Description
Refrigerator and fuse box in basement

Photographic Log

Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation	W5555 USH 63, Trego, Washburn County	WisDOT #1197-00-20 TRC #362327.0000.0000

Photo No.	Date
33	9/24/2019

Description
Furnace and water heater in basement

Photo No.	Date
34	9/24/2019

Description
No suspect ACM identified in attic.

Photographic Log

Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation	W5555 USH 63, Trego, Washburn County	WisDOT #1197-00-20 TRC #362327.0000.0000

Photo No.	Date
35	9/24/2019

Description
Roof

Photo No.	Date
36	9/24/2019

Description
No suspect ACM identified around chimney or vent pipes on roof.

Photographic Log

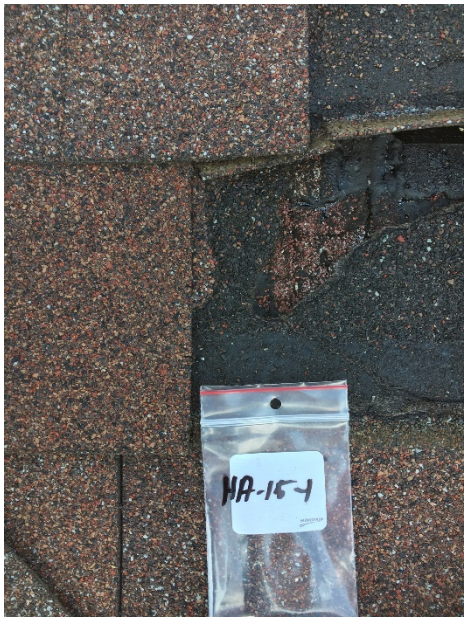
Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation	W5555 USH 63, Trego, Washburn County	WisDOT #1197-00-20 TRC #362327.0000.0000

Photo No.	Date
37	9/24/2019

Description
Shingles & tar paper on north and south sides of the roof. Non-detect for ACM.

Photo No.	Date
38	9/24/2019

Description
Shingles & tar paper on the south side outer layer of the roof. Non-detect for ACM.



Photographic Log

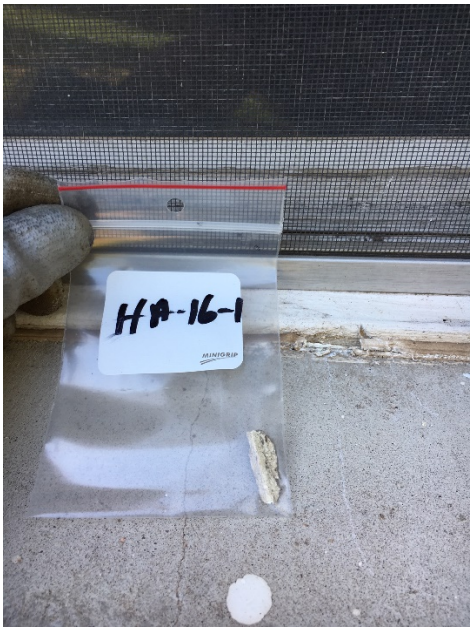
Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation	W5555 USH 63, Trego, Washburn County	WisDOT #1197-00-20 TRC #362327.0000.0000

Photo No.	Date
39	9/24/2019

Description
Exterior of house

Photo No.	Date
40	9/24/2019

Description
Caulk around exterior windows. Non-detect for ACM.



Photographic Log

Client Name:	Site Location:	Project No.:
Wisconsin Department of Transportation	W5555 USH 63, Trego, Washburn County	WisDOT #1197-00-20 TRC #362327.0000.0000

Photo No.	Date
41	9/24/2019

Description
No suspect ACM identified on exterior siding or foundation of house

Appendix B: Laboratory Analytical Results

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

TRC
Results you can rely on

BULK ASBESTOS ANALYSIS REPORT

CLIENT: Wisconsin Department of Transportation

Lab Log #: 0054262
Project #: 362327.0000.0000
Date Received: 09/26/2019
Date Analyzed: 09/27/2019

Site: Parcel 39

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
HA-1-1	Grey (subfloor)	No	Yes	1	- - -		ND	None
HA-1-1	Beige (grout)	No	Yes	2	- - -		ND	None
HA-1-1	Brown (ceramic tile)	No	Yes	3	- - -		ND	None
HA-1-2	Grey (subfloor)	No	Yes	1	- - -		ND	None
HA-1-2	Beige (grout)	No	Yes	2	- - -		ND	None
HA-1-2	Brown (ceramic tile)	No	Yes	3	- - -		ND	None
HA-1-3	Grey (subfloor)	No	Yes	1	- - -		ND	None
HA-1-3	Beige (grout)	No	Yes	2	- - -		ND	None
HA-1-3	Brown (ceramic tile)	No	Yes	3	- - -		ND	None
HA-2-1	Brown (grout)	No	Yes	1	- - -		ND	None
HA-2-1	Cream (ceramic tile)	No	Yes	2	- - -		ND	None
HA-2-2	Brown (grout)	No	Yes	1	- - -		ND	None
HA-2-2	Cream (ceramic tile)	No	Yes	2	- - -		ND	None
HA-2-3	Brown (grout)	No	Yes	1	- - -		ND	None
HA-2-3	Cream (ceramic tile)	No	Yes	2	- - -		ND	None
HA-3-1	Cream (padding)	No	Yes	1	10%	cellulose	ND	None
HA-3-1	Brown (carpet)	No	Yes	2	30% 60%	cellulose synthetic fiber	ND	None

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

Results you can rely on

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
HA-3-2	Cream (padding)	No	Yes	1	10%	cellulose	ND	None
HA-3-2	Brown (carpet)	No	Yes	2	30% 60%	cellulose synthetic fiber	ND	None
HA-3-3	Cream (padding)	No	Yes	1	10%	cellulose	ND	None
HA-3-3	Brown (carpet)	No	Yes	2	30% 60%	cellulose synthetic fiber	ND	None
HA-4-1	Cream (padding)	No	Yes	1	10%	cellulose	ND	None
HA-4-1	Red (carpet)	No	Yes	2	30% 60%	cellulose synthetic fiber	ND	None
HA-4-2	Cream (padding)	No	Yes	1	10%	cellulose	ND	None
HA-4-2	Red (carpet)	No	Yes	2	30% 60%	cellulose synthetic fiber	ND	None
HA-4-3	Cream (padding)	No	Yes	1	10%	cellulose	ND	None
HA-4-3	Red (carpet)	No	Yes	2	30% 60%	cellulose synthetic fiber	ND	None
HA-5-1	Dark Grey (subfloor grout)	Yes	No	- -		- - -	ND	None
HA-5-2	Dark Grey (subfloor grout)	Yes	No	- -		- - -	ND	None
HA-5-3	Dark Grey (subfloor grout)	Yes	No	- -		- - -	ND	None
HA-6-1	Tan (subfloor mastic)	Yes	No	- -		- - -	ND	None
HA-6-2	Tan (subfloor mastic)	Yes	No	- -		- - -	ND	None
HA-6-3	Tan (subfloor mastic)	Yes	No	- -		- - -	ND	None
HA-7-1	Tan (mastic)	No	Yes	1		- - -	ND	None
HA-7-1	Grey (grout)	No	Yes	2		- - -	ND	None
HA-7-1	Pink/Grey/White (ceramic tile)	No	Yes	3		- - -	ND	None
HA-7-2	Tan (mastic)	No	Yes	1		- - -	ND	None
HA-7-2	Grey (grout)	No	Yes	2		- - -	ND	None
HA-7-2	Pink/Grey/White (ceramic tile)	No	Yes	3		- - -	ND	None

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

Results you can rely on

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
HA-7-3	Tan (mastic)	No	Yes	1		- - -	ND	None
HA-7-3	Grey (grout)	No	Yes	2		- - -	ND	None
HA-7-3	Pink/Grey/White (ceramic tile)	No	Yes	3		- - -	ND	None
HA-8-1	Tan (mastic)	No	Yes	1		- - -	ND	None
HA-8-1	White (grout)	No	Yes	2		- - -	ND	None
HA-8-1	Pink (ceramic tile)	No	Yes	3		- - -	ND	None
HA-8-2	Tan (mastic)	No	Yes	1		- - -	ND	None
HA-8-2	White (grout)	No	Yes	2		- - -	ND	None
HA-8-2	Pink (ceramic tile)	No	Yes	3		- - -	ND	None
HA-8-3	Tan (mastic)	No	Yes	1		- - -	ND	None
HA-8-3	White (grout)	No	Yes	2		- - -	ND	None
HA-8-3	Pink (ceramic tile)	No	Yes	3		- - -	ND	None
HA-9-1	Tan (wallpaper mastic)	Yes	No	- -	60%	cellulose	ND	None
HA-9-2	Tan (wallpaper mastic)	Yes	No	- -	60%	cellulose	ND	None
HA-9-3	Tan (wallpaper mastic)	Yes	No	- -	60%	cellulose	ND	None
HA-10-1	White (textured ceiling)	No	Yes	1		- - -	ND	None
HA-10-1	Grey (ceiling plaster)	No	Yes	2		- - -	ND	None
HA-10-2	White (textured ceiling)	No	Yes	1		- - -	ND	None
HA-10-2	Grey (ceiling plaster)	No	Yes	2		- - -	ND	None
HA-10-3	White (textured ceiling)	No	Yes	1		- - -	ND	None
HA-10-3	Grey (ceiling plaster)	No	Yes	2		- - -	ND	None
HA-11-1	White (textured ceiling)	No	Yes	1		- - -	ND	None
HA-11-1	Grey (ceiling plaster)	No	Yes	2		- - -	ND	None

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

Results you can rely on

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials		Asbestos %	Asbestos Type
HA-11-2	White (textured ceiling)	No	Yes	1		- - -	ND	None
HA-11-2	Grey (ceiling plaster)	No	Yes	2		- - -	ND	None
HA-11-3	White (textured ceiling)	No	Yes	1		- - -	ND	None
HA-11-3	Grey (ceiling plaster)	No	Yes	2		- - -	ND	None
HA-12-1	Pink/Grey (wall plaster)	Yes	No	- -		- - -	ND	None
HA-12-2	Pink/Grey (wall plaster)	Yes	No	- -		- - -	ND	None
HA-12-3	Pink/Grey (wall plaster)	Yes	No	- -		- - -	ND	None
HA-13-1	White/Brown (wallboard)	Yes	No	- -	99%	cellulose	ND	None
HA-13-2	White/Brown (wallboard)	Yes	No	- -	99%	cellulose	ND	None
HA-13-3	White/Brown (wallboard)	Yes	No	- -	99%	cellulose	ND	None
HA-14-1	Black (tar paper)	No	Yes	1	90%	cellulose	ND	None
HA-14-1	Black/Red (shingle)	No	Yes	2	30%	cellulose	ND	None
HA-14-2	Black (tar paper)	No	Yes	1	90%	cellulose	ND	None
HA-14-2	Black/Red (shingle)	No	Yes	2	30%	cellulose	ND	None
HA-14-3	Black (tar paper)	No	Yes	1	90%	cellulose	ND	None
HA-14-3	Black/Red (shingle)	No	Yes	2	30%	cellulose	ND	None
HA-15-1	Black/Red/Tan/Grey (shingle)	Yes	No	- -	20%	fibrous glass	ND	None
HA-15-2	Black/Red/Tan/Grey (shingle)	Yes	No	- -	20%	fibrous glass	ND	None
HA-15-3	Black/Red/Tan/Grey (shingle)	Yes	No	- -	20%	fibrous glass	ND	None
HA-16-1	Grey (caulk)	Yes	No	- -		- - -	ND	None
HA-16-2	Grey (caulk)	Yes	No	- -		- - -	ND	None
HA-16-3	Grey (caulk)	Yes	No	- -		- - -	ND	None

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Color	Homogenous	Multi-Layered	Layer No.	Other Matrix Materials	Asbestos %	Asbestos Type

Reporting limit- asbestos present at 1%
ND - asbestos was not detected
Trace - asbestos was observed at level of less than 1%
NA/PS - Not Analyzed / Positive Stop
SNA- Sample Not Analyzed- See Chain of Custody for details

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 18/A01, effective through June 30, 2019. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2019. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

Analyzed by: K. Williamson — Kathleen Williamson, Laboratory Manager

Reviewed by: Cathryn Lemire, Approved Signatory

Date Issued 09/30/2019

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 FOLLWING 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 I.D. 1197-00-20, Parcels 8, 11, 29, 35, & 39, Town of Trego, Washburn County

Project/Parcel Number	**Option A –** Contractor to Pay WisDOT	**Option B –** Contractor to Receive Payment from WisDOT
1197-00-20 Parcel 8	$	$
1197-00-20 Parcel 11	$	$
1197-00-20 Parcel 29	$	$
1197-00-20 Parcel 35	$	$
1197-00-20 Parcel 39	$	$
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 SCHEDULE OF ITEMS HERE