THE CITY OF KENOSHA, WISCONSIN
REQUEST FOR PROPOSAL TO REMOVE AND DISPOSE
OF ASBESTOS CONTAINING MATERIAL, UNIVERSAL WASTE,
AND LEAD BASED PAINT WITH INSTRUCTIONS TO PROPOSERS

PROPOSAL NO. 02-20

ISSUED: Tuesday, February 11, 2020

The City of Kenosha, Wisconsin, will receive proposals for the removal and disposal of Asbestos Containing Material, Universal Waste, and Lead Based Paint from the structure described below in accordance with this Request for Proposal with Instructions to Proposers and the enclosed Environmental Inspection Reports, the General Specifications and Conditions, and the Contract, hereinafter referred to as the Work.

DEADLINE FOR RECEIPT OF PROPOSAL. Tuesday, March 10, 2020 at 2:30 P.M.

PROPOSAL OPENING. Tuesday, March 10, 2020 at 2:30 P.M.

CITY OFFICE WHERE FILED. Department of Finance, Municipal Building, Room 208, 625 - 52nd Street, Kenosha, Wisconsin 53140.

FORM OF PROPOSAL. Proposals must be submitted sealed, on City forms, legible and fully complete in all respects, showing the date and time of the proposal opening on the outside of the sealed proposal. The City reserves the right to reject any proposal which the City deems incomplete.

FOR MORE INFORMATION. Contact Zohrab Khaligian, Community Development Specialist, City Development, 625 52nd Street, Room 308, Kenosha, Wisconsin 53140, (262) 653-4030, zkhaligian@kenosha.org

ASBESTOS, UNIVERSAL WASTE, AND LEAD BASED PAINT REMOVAL AND DISPOSAL. Environmental Inspection Reports indicating the description, location and quantity of Category I, Category II, and Regulated Asbestos Containing Material (RACM), Universal Waste, and Lead Based Paint to be removed and disposed of are attached. The Proposer shall be certified by the Wisconsin Department of Health Services to perform asbestos and lead based paint removal and disposal and any subcontractor performing asbestos and lead based paint removal and disposal shall also be certified by the Wisconsin Department of Health Services to perform asbestos and lead based paint removal and disposal. Proof of certification shall be provided to the City. The Proposer shall file all reports regarding asbestos and lead based paint removal and disposal required by Federal and State law, rules and regulations. All Category I, Category II, Regulated Asbestos Containing Material, Universal Waste, and Lead Based Paint shall be removed from the structure and properly disposed of as required by Federal and State law, rules

and regulations.

STRUCTURE REQUIRING REMOVAL AND DISPOSAL OF ASBESTOS CONTAINING MATERIAL, UNIVERSAL WASTE, AND LEAD BASED PAINT.

Address:	702 58th Street
Tax Parcel No.:	12-223-31-478-007
Description:	Two and one half story masonry built building constructed in 1930 with approximately 40,000 square feet.

SCOPE OF WORK. In addition to Asbestos, Universal Waste, and Lead Based Paint removal and disposal, remove all debris from all floors and ceilings caused by water damage. This property will be renovated, not razed, after abatement.

CONTRACT REQUIRED. The Proposer selected to perform the Work will be required to execute a Contract and related documents on City forms as a condition of performing the Work. All Work is to be performed in accordance with the Contract. A copy of the specimen Contract is enclosed.

INSPECTION AND REVIEW OF SITE AND CITY DATA. Each Proposer has an obligation to examine the site upon which the Work will be performed to assess conditions and to review any City furnished data.

The City will open the structure at 10:00 A.M. on Tuesday, February 25, 2020 to give Proposers an opportunity to inspect the structure and to ask staff questions. Each Proposer will be required to provide their own lighting and ladders for their inspections. There is significant water damage in this property so review of attached structural report and a respirator are recommended.

The City will not accept a Proposal from any Proposer who has not signed in indicating that the Proposer has inspected the structure, or has not made other inspection arrangements with City staff.

LISTING OF SUBCONTRACTORS, MAJOR MATERIAL SUPPLIERS (OVER $5,000.00), AND DISPOSAL SITES. Proposals shall include on the attached City form a complete list of all subcontractors, including all subcontractors responsible for the removal and disposal of any Category I, Category II, Regulated Asbestos Containing Material (RACM), Universal Waste, and Lead Based Paint together with a complete list of all major material suppliers which are suppliers furnishing over $5,000.00 in materials. The class of Work to be performed by each subcontractor and major material supplier shall also be provided. The completed list shall also include the disposal sites to be used and where Federal or State law requires certain regulated materials to be disposed of in a Federal or State licensed or permitted disposal site, then such disposal sites shall be used and their License/Permit Number included. The list must be approved by the City and cannot be altered after submission without the written consent of the City. The City reserves the right to reject any Proposal which does not comply with this Paragraph or if in

the City's determination any listed subcontractor or major material supplier is deemed not appropriately qualified.

ENVIRONMENTAL MATTERS. Where the Work requires environmental process, abatement, remediation or disposal in a Federal or State licensed or permitted disposal site, the Proposer may propose alternate methods of doing the Work with the cost of each alternative separately noted.

AWARD OF CONTRACT. The City will enter into a Contract with the Proposer deemed most qualified. In making this determination, the City will consider with respect to each Proposer: general qualifications, special expertise, time in which the Work can be performed, financial ability to perform the Work, environmental experience and responsibility (where applicable), work record and history, and experience in projects of a similar magnitude.

The City reserves the right to reject unqualified or nonconforming Proposals, to reject all Proposals and request new Proposals, to accept Proposal if advantageous to the City, or to select the most qualified Proposal. This project is not a public construction contract under Wisconsin law and the City is not required to award the Contract to the lowest responsible Proposer.

COMMENCEMENT AND DILIGENT COMPLETION OF WORK. The Proposer selected to perform the Work will conduct the Work diligently until fully complete in accordance with the Contract. The time schedule for performance is stated in the General Specifications and Conditions.

EXECUTION OF DOCUMENTS. Documents which are required to be executed by the Proposer shall be executed as follows:

1. Corporations. By the President and one (1) other officer, preferably the Secretary.
2. Limited Liability Companies. By a Member, if member managed or the Manager if manager managed.
3. Partnerships. By each general partner, unless the partnership agreement provides otherwise.
4. Sole Proprietors. By each named individual.

Any exception to the above must be approved by the City Attorney who may require such documents as may be necessary to consider an exception.

DOCUMENTS TO BE SUBMITTED. Proposers shall submit the following documents, on City forms, in the course of making a Proposal.

1. Proposal.
2. Affidavit of Organization and Authority and Careful Inspection of Site and Preparation of Proposal.
3. List of Subcontractors and Major Material Suppliers (including disposal site with DNR Permit Number, if any).

PROPOSAL NO. 02-20

PROPOSAL

Finance:

A representative of this organization has inspected the structure(s) and lot(s) described below at the specified location(s), and hereby submits the following Proposal to Remove and Dispose of Asbestos Containing Material, Universal Waste, and Lead Based Paint at the following prices, to be firm for thirty (30) days from the date of this Proposal, subject to the Proposal being accepted within that time and a Contract entered into for that price.

1) ASBESTOS CONTAINING MATERIAL AND UNIVERSAL WASTES (INCLUDING DEBRIS FROM WATER DAMAGE):

$_____ _____
Dollar Amount Written Dollar Amount

2) LEAD BASED PAINT (WITH REMOVING LEAD BASED PAINT FROM EXTERIOR PORTIONS OF WOOD WINDOWS):

$_____ _____
Dollar Amount Written Dollar Amount

3) LEAD BASED PAINT (WITH REMOVING EXTERIOR PORTIONS OF WOOD WINDOWS):

$_____ _____
Dollar Amount Written Dollar Amount

TOTAL WITH NUMBER 1 AND NUMBER 2:

$_____ _____
Dollar Amount Written Dollar Amount

TOTAL WITH NUMBER 1 AND NUMBER 3:

$_____ _____
Dollar Amount Written Dollar Amount

DISPOSAL SITE: _____

DISPOSAL SITE PERMIT NUMBER: _____

COPY OF LEAD CERTIFICATION?: YES: _____ NO: _____

The effective date of the Contract shall be the date of last execution. The Work shall commence and deadlines for performance shall commence upon notification of execution of the Contract with directions to proceed from the City. The Contractor shall furnish sufficient labor, material, equipment and supervision in order to complete the Work within the required time of performance.

Respectfully submitted,

Firm:_____

Signature:_____

Type/Print Name:_____

Title:_____

Date:_____

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GENERAL SPECIFICATIONS AND CONDITIONS

ASBESTOS CONTAINING MATERIAL, UNIVERSAL WASTE, AND LEAD BASED PAINT. Category I, Category II and Regulated Asbestos Containing Material (RACM), are defined in 40 C.F.R. 61.141. Universal Waste and Lead Based Paint are identified in the Environmental Inspection Reports.

The Contractor shall warrant that all Work performed under the Contract by the Contractor, subcontractors, and major material suppliers shall be performed in accordance with all Federal, State and local laws, rules and regulations, including but not limited to the National Emission Standards for Hazardous Air Pollutants (NESHAP), 40 C.F.R. 61.145 and OSHA lead in construction regulation 29 CFR 1926.62.

The Contractor shall complete a Notification for Demolition and/or Renovation and Application for Permit Exemption (Form 4500-113), and supply a copy to the Department of City Development prior to initiating work.

EQUIPMENT AND MATERIAL STORAGE. The use of any other parcel of land for the storing of equipment and materials is prohibited unless specifically permitted by the Director of City Development and the Director of Public Works or their designee. A public right-of-way may not be used for the storing of equipment and materials without the Contractor obtaining a Street Opening/Occupying Permit from the Department of Public Works.

PERMITS, APPROVALS AND TIME OF PERFORMANCE. The Contractor shall obtain all required permits and approvals to perform the Work within five (5) calendar days of notification of execution of the Contract with directions to proceed from the City. The Work shall be completed within thirty (30) calendar days of notification of execution of the Contract with directions to proceed from the City. The Work shall be diligently performed until complete in accordance with the Contract, time being of the essence with respect to the commencement and completion of the Work. The Contractor shall furnish sufficient labor, material, equipment, and supervision to complete the Work within the required time of performance. Time lost and any costs incurred by the Contractor due to the Contractor's lack of coordination with the City or the Contractor's subcontractors and major material suppliers shall not be grounds for a claim for additional compensation or an extension of time to complete the Work.

PROPOSAL NO. 02-20

AFFIDAVIT OF ORGANIZATION AND AUTHORITY AND CAREFUL INSPECTION OF SITE AND PREPARATION OF PROPOSAL

STATE OF WISCONSIN)
:SS.
COUNTY OF)

_____, being first duly sworn, on oath, deposes and says that the Proposer shown on the attached Proposal is organized as indicated below, and that all statements herein are made on behalf of the Proposer, and this deponent is authorized to make them.

[Fill Out Applicable Paragraph]

CORPORATION. The Proposer is a corporation incorporated and existing in good standing under the laws of the State of_____, and its President is _____ and its Secretary is _____.

The President is authorized to sign contracts and proposals for the Corporation by action of its Board of Directors taken on _____, a certified copy of which is attached hereto. [Strike out this last sentence, if applicable].

LIMITED LIABILITY COMPANY. The Proposer is a limited liability company organized and existing in good standing under the laws of the State of _____. Pursuant to its Articles of Organization, the Proposer may be bound by action of its Manager/Members [strike one].

PARTNERSHIP. The Proposer is a partnership consisting of _____ _____, General Partners, doing business under the name of _____ _____.

SOLE PROPRIETOR. The Proposer is an individual and, if operating under a trade name, such trade name is as follows:_____.

NAME AND ADDRESS. The name and business address of the Proposer is as follows:

_____
_____
_____
Telephone Number:_____
E-Mail Address:_____

STATUTORY SWORN STATEMENT. _____, also deposes and states that he/she has examined the Request for Proposal with Instructions to Proposers, the Environmental Inspection Reports, the General Specifications and Conditions, and any City furnished data, has investigated the site and the site conditions, and has carefully prepared the Proposal from the Request for Proposal with Instructions to Proposers, the Environmental Inspection Reports, the General Specifications and Conditions, and any City furnished data, and checked the same in detail before submitting this Proposal. The undersigned also deposes and states that the statements contained in this Affidavit are true and correct.

Signed:_____

Typed Name:_____

Title:_____

Date:_____

STATE OF _____)
:SS.
COUNTY OF _____)

Subscribed and sworn to before me this _____
day of_____, 20_____.

_____
Signature

_____
Print Name

Notary Public, _____ County,_____
My Commission expires/is:_____

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LIST OF SUBCONTRACTORS
AND MAJOR MATERIAL SUPPLIERS

NAME AND ADDRESS:	**CLASS OF WORK TO BE PERFORMED:**

NOTE:
1. Asbestos, Universal Waste, and Lead Based Paint removal and disposal subcontractors, the disposal sites, and the Federal/State License/Permit Number of the disposal sites must be listed above.

2. The above list cannot be altered after submission without the written consent of the City.

CONTRACT TO REMOVE AND DISPOSE
OF ASBESTOS CONTAINING MATERIAL,
UNIVERSAL WASTE, AND LEAD BASED PAINT

PROJECT NO. 02-20

Between

THE CITY OF KENOSHA, WISCONSIN
A Wisconsin Municipal Corporation

And

_____
_____

This Contract to Remove and Dispose of Asbestos Containing Material, Universal Waste, and Lead Based Paint ("Contract") effective as of the last date of execution is entered into between the City of Kenosha, Wisconsin a Wisconsin municipal corporation, duly organized and existing under the laws of the State of Wisconsin, with offices located at 625 52nd Street, Kenosha, Wisconsin 53140 ("City") and _____, a _____, with offices located at _____ ("Contractor"), collectively referred to as the Parties.

W I T N E S S E T H:

Whereas, the Contractor has submitted a written Proposal to the City to remove and dispose of asbestos containing material, universal waste, and lead based paint according to the Request for Proposal with Instructions to Proposers, the Environmental Inspection Reports, and the General Specifications and Conditions contained in the Request for Proposal, and the City has accepted the Contractor's Proposal, subject to the Contractor entering into and abiding by the terms and conditions of this Contract.

Now, Therefore, in consideration of the mutual undertakings, promises, agreements, understandings and undertakings hereinafter set forth, and good and valuable consideration, the sufficiency of which is hereby acknowledged, the City and the Contractor agree as follows:

1. Definitions.

a. City shall mean the City of Kenosha, Wisconsin.

b. Contract shall mean this executed Contract and shall include the following documents:

- Request for Proposal with Instructions to Proposers
- Environmental Inspection Reports
- General Specifications and Conditions
- Proposal

- Affidavit of Organization and Authority and Careful Inspection of Site and Preparation of Proposal
- Performance and Payment Bond
- List of Subcontractors and Major Material Suppliers
- Certificates of Insurance
- State Notifications and Approvals
- Determinations of City Representative in Charge of Project
- Affidavit Respecting Construction Lien Waivers/Releases
- Change Orders
- Contract notices and such other documents as are referenced herein.

Any of the foregoing documents which are not physically attached to this Contract are on file in the Finance Department and are incorporated into this Contract by reference.

c. Contractor shall mean the party who proposed to do the Work herein described and whose Proposal was accepted by the City. Contractor shall also mean any approved subcontractors and major material suppliers.

d. Director shall mean the City's Director of City Development and or his or her designee.

e. Overpayment shall mean any money the Contractor received which the Contractor was not entitled to receive under this Contract, including, but not limited to, excess payment made in error and payment for defective and/or rejected Work which was redone or replaced and accepted by the City.

f. Work shall mean any contractual endeavor undertaken by the Contractor and/or any of the Contractor's approved subcontractors and major material suppliers to accomplish the removal and disposal of all Category I, Category II, Regulated Asbestos Containing Material (R.A.C.M.), Universal Waste, and Lead Based Paint from the specified structures all in accordance with the Request for Proposal with Instructions to Proposers, the Environmental Inspection Reports, and the General Specifications and Conditions contained in the Request for Proposal.

2. Work To Be Performed By Contractor And Price/Cost.

The Contractor, for the sum of _____, ($_____), will perform and complete, or will cause to be performed and completed, all the Work defined in this Contract, in a good and workmanlike manner, and it will do so in accordance with and subject to the provisions of this Contract for:

Address:	702 58th Street
Tax Parcel No.:	12-223-31-478-007
Description:	Two and one-half story masonry built building constructed in 1930 with approximately 40,000 square feet

The Work shall be performed in accordance with the Request for Proposal with Instructions to Proposers, the Environmental Inspection Reports, and the General Specifications and Conditions contained in the Request for Proposal. In the event of a conflict between this Contract, the Environmental Inspection Reports, and the General Specifications and Conditions, the Environmental Inspection Reports, and the General Specifications and Conditions shall control and supersede any inconsistent Contract provision.

3. Commencement And Diligent Prosecution Of Work.

The Contractor will prosecute the Work diligently until fully complete in accordance with this Contract. The Contractor shall obtain required permits and commence with the Work no later than five (5) calendar days of notification of execution of the Contract with directions to proceed from the City. The Work is to be completed within thirty (30) days of notification of execution of the Contract with directions to proceed from the City. In the event of a dispute respecting quantity or quality of the Work, the Contractor shall not refuse to perform the Work and shall not delay the performance of the Work pending the resolution of said dispute. Arbitration is not herein provided for and unresolved disputes may be settled through the Courts. The Contractor has the duty of requesting an extension of time to complete the Work from the Director, in writing, prior to the time for Contract completion, where the progress of the Work was delayed such that the Work will not be completed on time, and the Contractor was not responsible for such delay. Should the Director grant an extension, the Contractor will not be liable for liquidated damages arising out of the delay. Should the Director determine that the Work will not be completed on schedule through normal methods and where no request for a time extension has been requested, or if requested, such request was not justified, the Director shall provide the Contractor with written notice requiring the Contractor to take such extraordinary measures as may be required to complete the Work on time, or as close to on time as possible. The failure of the Contractor to take such extraordinary measures shall be grounds for the City to suspend the Work by the Contractor and take such other measures as will assure completion of the Work within the Contract time, or if that is impossible, within a reasonable time. However, nothing herein contained shall prevent the Director from stopping the Contractor from proceeding with the Work beyond the time set for the completion date where the completion date was not extended.

4. Contract Term.

The term of this Contract shall be from the last date of execution until each of the following:

a. Respecting Work, until completion and acceptance.
b. Respecting Warranty, until expiration of warranty term.
c. Respecting Indemnity and Hold Harmless Agreement and Liability Insurance, until claims filed, if any, are resolved, or expiration of any applicable statute of limitations where no claims have been filed.

5. Termination For Cause.

In the event either Party should fail to fulfill in a timely manner its obligations under this Contract, the non-breaching Party shall thereupon have the right to terminate this Contract by giving a ten (10) day written notice to the breaching Party of such breach and specifying the date of the termination if the breaching Party has not timely rectified and remedied the purported breach to the satisfaction of the Party that gave notice of the breach. The Contractor shall perform no new or additional Work upon receipt of a notice of termination without the advance, written permission of the Director, except as necessary to cure the default, but not beyond the specified date of termination.

6. Performance And Payment Bond/Assurance.

The Contractor shall prior to approval of the Contract obtain a Performance and Payment Bond or other assurance required by the City, in a form approved by the City, in the sum of the accepted Proposal. The Contractor understands that the City may file a claim against the bond or assurance should any of the provisions of this Contract not be faithfully and timely performed by the Contractor.

7. Director Decision Final.

Should any dispute arise at any time between the Contractor and the City as to the true meaning or requirements of this Contract, the manner of execution of the Work, the quality of the Work executed, the quality or quantity of materials used, or the timely completion of the Work, the decision of the Director shall be final and conclusive until and unless set aside by a Court of law. The Contractor agrees that should any decision of the Director be challenged in Court, the Court may only set aside a decision of the Director if it is wholly arbitrary and capricious and/or made in complete disregard of disputed facts.

8. Methods, Labor, Equipment, Materials And Supplies.

The Contractor shall select such methods and equipment for the performance of all operations connected with the Work as will assure professional quality of the Work and a rate of progress which will assure the timely completion of the Work. The Contractor is responsible for furnishing all labor, equipment, material and supplies required to perform the Work.

9. Suspension Of Work By The City.

The Director shall have the authority to suspend the Work where the Director believes that the Contractor is not performing the Work in accordance with this Contract. The Contractor shall have no right to additional compensation for delay or a right to an extension of time to complete the Work where the Work is suspended by the Director.

10. Injunctions.

Should a preliminary or temporary injunction suspend the Work for a period of time, the deadline for completion of the Work shall be extended by such time as the preliminary or temporary injunction was in effect. In the event a permanent injunction or Court order or judgment prohibits the Work, this Contract shall be null and void as of the date such injunction, Court order or judgment becomes final, although the Contractor shall be entitled to reasonable compensation for the Work performed to that date. In the event a permanent injunction, Court order or judgment reduces the scope of the Work, this Contract shall be deemed modified in accordance therewith and compensation of the Contractor shall be proportionately reduced to reflect the decrease in the scope of the Work.

11. Change Orders For Additional Work, Adjustment In Price.

The Contractor does not have the discretion to refuse to comply with a Change Order to increase the scope of the Work identified in the City's Request for Proposal with Instructions to Proposers. Increases in the scope of the Work shall result in a determination of the Contractor's additional compensation based upon good faith negotiation, with the Contract as a guideline. Change Orders must be approved by the City and the Contractor, and upon approval and execution shall be considered a Contract amendment to be kept on file in City Department of Finance and incorporated into this Contract by reference. Should the Contractor refuse to sign a Change Order under circumstances where there is no discretion to do so, the Change Order will be in full force and effect without the Contractor's signature, provided the Director attaches thereto a written report so indicating.

12. Claims And Deadlines For Additional Compensation.

Any claim by the Contractor for additional compensation arising out of circumstances not covered by this Contract shall be submitted, in written form, to the Director within fourteen (14) calendar days of the event giving rise to or forming the basis for such claim, or be deemed forever waived. When the claim for additional compensation involves the Work which will be covered and unavailable for inspection within said fourteen (14) day period of time, the Contractor shall promptly provide the Director with informal notice and an opportunity for inspection although a formal claim need not be filed earlier than as above provided. The Contractor further has a duty to, from time to time, notify the Director of any facts or events which may lead to a claim for additional compensation as soon as the Contractor is aware of such facts or events.

13. Waiver Of Rights.

No failure to exercise, or delay in exercising, any right, power or remedy hereunder on the part of either Party shall operate as a waiver thereof, nor shall any single or partial exercise of any other right, power or remedy preclude any other further exercise thereof or the exercise of any other right, power or remedy. No express waiver shall affect any event of default other than the event of default specified in such waiver, and any such waiver, to be effective, must be in writing and shall be operative only for the time and to the extent expressly provided therein. A waiver of any covenant, term or condition contained herein shall not be construed as a waiver of any subsequent breach of the same covenant, term or condition.

14. Subcontractors, Major Material Suppliers, And Disposal Sites.

The Contractor will only use subcontractors, major material suppliers and disposal sites which are listed in this Contract. Major material suppliers shall be those providing over $5,000.00 in materials. Any changes in said list must be approved by the City. The Contractor is responsible for the Work of subcontractors and/or suppliers and for delays in the Work occasioned thereby. The Contractor has a duty to remove and replace subcontractors and/or suppliers whose involvement in the Work will result in a breach of this Contract. Furthermore, should the Director determine the involvement of the subcontractors and/or suppliers in the Work will result in a breach of the Contract, the Director shall have the right, in writing, to compel the Contractor to remove and replace said subcontractors and/or suppliers. Should the Contractor fail to comply with the requirements of providing notice or removing and replacing subcontractors and/or suppliers, the City shall have the option to declare the Contractor in breach and exercise the City's rights pursuant to Section 27 of this Contract.

15. Control And Protection Of Work Site.

The Contractor shall be responsible for the control and protection of the Work site from commencement of the Work until the Work is completed. The Contractor shall keep the site secure and inaccessible to the public.

16. City Cooperation.

City will reasonably cooperate with the Contractor to facilitate the Contractor's performance of the Work. The Contractor will provide reasonable notice to the City when the assistance thereof is requested. However, the City has no obligation to supervise or perform any part of the Work.

17. Governmental Permits And Approvals.

The Contractor is fully responsible, at the Contractor's cost and expense, to obtain such permits and approvals as may be required from any governmental body,

including the City, as a precondition to the performance of the Work, including, but not limited to, permits to temporarily obstruct streets and asbestos removal permits from the Wisconsin Department of Natural Resources where an exemption is not applicable.

18. Law, Rules And Regulations.

The Contractor shall comply with all Federal, State and local laws, rules, regulations and codes applicable to the performance of this Contract and the Work including, but not limited to, any requirements imposed by the Wisconsin Department of Natural Resources.

19. Contractor's Employees And On-Site Representatives.

Although the Contractor performs the Work as an independent contractor, the Director shall have the right to request the Contractor to remove and replace any of the Contractor's employees involved in the Work when said employee does not furnish quality workmanship or is uncooperative with or disrespectful to any City personnel associated with the Work. The Contractor shall comply with any reasonable request. The Contractor, at all times the Work is being performed, shall assign an employee or agent on the Work site to be the person to whom the Director may furnish instructions or orders, or make inquiries of at all times when the Work is being performed. The name of such employee or agent shall be submitted to the Director, in writing, upon commencement of the Work.

20. Water Use.

The Contractor has the obligation to make arrangements with the Kenosha Water Utility for the use of water and may not use any Kenosha Water Utility hydrants or other water source without making arrangements in advance. The Contractor, where water is required, will be required to obtain a Hydrant Permit and meter from the Kenosha Water Utility, 4401 Green Bay Road. Any deposit and fee shall be paid by the Contractor.

21. Sanitation And Health.

The Contractor has the obligation of arranging for drinking water and sanitary conveniences for employees, subcontractors, suppliers, and agents thereof and for taking such Work site precautions as will deter the spread of infectious diseases. The Contractor shall not use materials in such manner as to pose a health hazard. The Contractor shall obey all lawful orders received from a County Health Department Sanitarian, or from any duly authorized employee of any Federal or State agency having jurisdiction over employee, public health, safety or welfare.

22. Inspection.

The City has the right, at its cost and expense, to assign or retain inspectors to determine that the Work is in conformance with the Contract. However, only the Director can reject the Work. The use of inspectors by the City shall not relieve the Contractor of the duty of making its own inspections and of itself rejecting improper or defective Work by its employees, subcontractors, suppliers and agents. The failure of a City inspector to notice or reject improper or defective Work shall not waive any rights of the Director to have the Contractor take corrective action at the Contractor's cost and expense to remedy such deficiencies or defects when discovered. The use of inspectors by the City shall not relieve the Contractor of its duty to maintain a safe workplace.

23. Workmanship.

The removal and disposal of Category I, Category II, Regulated Asbestos Containing Material, Universal Waste, and Lead Based Paint shall be performed in accordance with all Federal, State and local laws, rules and regulations, including but not limited to the National Emission Standards for Hazardous Air Pollutants (NESHAP) and OSHA Lead in construction regulation 29 CFR 1962.62. Equipment and procedures used must be suitable to and compatible with the nature of the Work, the Work site, and the prevailing year round weather conditions which affect the Work and the Work site.

24. Cleanup.

The Contractor shall at all times keep the site and off-site areas related to the Work, including all right-of-ways, streets, highways, alleys and private or public property adjacent to the Work site, in a clean and sanitary condition, free from any rubbish, debris, surplus or waste materials that have accumulated as a result of the Work. Within ten (10) days after the completion of the Work, the Contractor shall remove all surplus materials, tools, equipment or plants, leaving the Work site and off-site areas related to the Work, unobstructed, clean and sanitary, ready for their intended use and in as safe a condition as their nature will reasonably permit. Should the Contractor neglect any such duty, the Director may cause any such Work to be performed at the Contractor's cost and expense.

25. Payment Of Employees, Subcontractors And Suppliers.

The Contractor shall promptly pay all employees, subcontractors and suppliers for all the Work, labor, services, supplies or materials which they may directly or indirectly furnish in the fulfillment of this Contract and the Contractor shall secure, as soon as possible, a waiver of liens or the release of any and all liens which may attach as a result of the Work. The Contractor, as a condition of payment, shall execute and file an Affidavit Respecting Construction Lien Waivers/Releases with the City Director of Finance.

26. Liquidated Damages For Delays In Contract Completion.

In the event that the Contractor fails to complete the Work within the time the Work is requested to be completed or any extension of time for completion of the Work granted by the Director, the Contractor shall pay to the City for such delay the sum of Two Hundred ($200.00) Dollars per day, for each and every day's delay in completing the Work. This sum shall be considered and treated not as a penalty, but as fixed, agreed and liquidated damages due the City from the Contractor.

27. Rights Of City Upon Contractor Default.

The Contractor recognizes the right of the City to suspend the Work, to order the revision of nonconforming Work, to re-let all or part of the Work or to itself perform such Work as may be required to ensure the timely completion of the Work or to replace improper or defective Work, as determined necessary by the Director. However, none of the above shall relieve the Contractor of its obligations under this Contract.

28. Overpayments And Setoffs Unrelated To Contract.

The Contractor will promptly, upon receipt of written demand from the Director, refund any overpayments received. Should the Contractor not comply with said demand within thirty (30) days of receipt of the written demand, the Contractor shall pay the City interest for said amount at the rate of one (1%) percent per month on the unpaid balance, until paid in full. Should the Contractor owe the City any money which is lawfully due and payable on any account receivable or on any personal property tax, forfeiture or fee, whether or not related to the Work under this Contract, the Contractor authorizes the City to deduct said amount from any payment due the Contractor hereunder.

29. Safety Precautions.

The Contractor, during the performance of the Work, shall assume control of the Work site and put up and properly maintain, at the Contractor's cost and expense, adequate barriers, warning signs, lights and such other devices and take such measures as will make the Work site as safe as the nature of the premises will reasonably permit to protect frequenters as well as persons using abutting private or public property, from any and all dangers associated with the Work, during both day and night hours. The Director may order the Contractor, by a time or date certain, to take designated safety measures and the failure of the Contractor to promptly obey said order shall result in a penalty of One Hundred ($100.00) Dollars per day for each day said order is not complied with. The Contractor shall be fully responsible for making the Work site as safe as its nature will reasonably permit and may not rely upon any inspections, instructions or orders of the Director or the City inspectors or lack thereof, in this regard. The Contractor has an obligation to

check warning and safety devices on a daily basis. In the event of termination of this Contract prior to completion of the Work, the Contractor shall continue to be responsible for maintaining the safety of the Work site until relieved of the obligation by the Director or until another contractor takes possession of the Work site.

30. Payment – Acceptance Of Work.

Payment shall be made by the City upon completion of the Work and submission of invoice to the City's Director of Finance, within fifteen (15) days after the Director executed a document accepting the Work as being performed in accordance with this Contract, subject to the following:

Payment will not be made for so long as any order made to the Contractor by the Director seeking compliance with this Contract is not complied with. Payment will be reduced by the amount of any claim which the City may have against the Contractor for (i) improper, defective or rejected Work, (ii) liquidated damages due to delay in the schedule of time for the Work completion, (iii) failing to take safety precaution, (iv) the amount of set-offs authorized by this Contract, or (v) any other primary liability of the Contractor for which the City could be secondarily liable, which secondary liability was not assumed by the City under this Contract. The Work shall not be accepted by the Director until all employees, subcontractors and suppliers have been fully paid for all labor, services, supplies or materials provided thereby, and lien waivers or releases have been obtained and filed with the City's Department of City Development.

31. Independent Contractors, Worker's And Unemployment Compensation.

The Contractor acknowledges that it is an independent contractor and that its employees and agents are not the employees of the City for purposes of Worker's and Unemployment Compensation or any other purpose. The Contractor shall be responsible for Worker's and Unemployment Compensation with respect to its employees.

32. Prohibitions As To Assignment, Subcontracting And Joint Ventures.

The Contractor may not assign this Contract, enter into a joint enterprise or subcontract any Work without the express written approval of the Director and the City is not liable for any costs and expenses arising therefrom. Listed subcontractors, major material suppliers, and disposal sites are excepted from this prohibition. An unlawful assignment, joint enterprise or subcontract shall render this Contract voidable by the Director as of the date thereof, and the City will not be obligated to pay to the Contractor any money for any of the Work performed by an unauthorized party. However, if this Contract is voided, the Contractor will continue to be responsible for maintaining the safety of the Work site until relieved of this obligation by the Director or until another Contractor takes possession of the

Work site. The Contractor will be responsible for any cost, loss, expense or damages, including actual attorneys fees, the City may incur in enforcing this provision.

33. Indemnification And Hold Harmless.

The Contractor agrees that it will, at all times relevant to this Contract, defend, indemnify and hold harmless, the City, its officers, agents, employees and representatives, from and against any and all liability, loss, injury, charges, damages, claims, judgments, costs, expenses or attorneys fees, which they may hereafter sustain, incur or be required to pay as a result of any action taken or not taken by the City or its officers, agents, employees or representatives to supervise or oversee the adequacy of safety precautions taken by the Contractor or as a result of the willful or negligent act or omission of the Contractor and its subcontractors, suppliers, assigns, employees, officers, agents or representatives, resulting in any person or party suffering or sustaining personal injury, death or property loss or damage, or a violation of any other right protected by law.

34. Insurance.

The Contractor and subcontractors shall procure and maintain during the Contract term the minimum insurance coverages listed below, issued by a company licensed to do business in the State of Wisconsin, having a minimum AM Best Financial Strength Rating of "A" or better. The minimum insurance coverages listed below shall be verified by a Certificate of Insurance issued to the City of Kenosha as Certificate Holder and shall provide that should any of the described policies be canceled for any reason or any material changes are made, the issuing insurer will mail thirty (30) days written notice to the City before any cancellation or material change takes effect. The City shall be named as an additional insured with respect to the coverages required by Sections 34(a), 34(b), 34(c) and 34(e) listed below and the City shall be provided with the endorsements certifying that the City is an additional insured with respect to said policies. The coverages required by Sections 34(a), 34(b), 34(c) and 34(e) listed below shall be primary and any insurance, self-insurance or other coverage maintained by the City shall not contribute to it. The Contractor shall provide the City with a primary insurance endorsement certifying that the insurance coverages listed below are provided on a primary and noncontributory basis. The Contractor shall also provide the City with a waiver of subrogation endorsement.

The following minimum insurance coverages must be in effect and continue in effect during the Contract term:

a) Commercial General Liability
$1,000,000.00 Each Occurrence
$2,000,000.00 Aggregate

b) Automobile Liability (owned, non-owned, leased)
$1,000,000.00 Combined Single Limit

c) Pollution Legal Liability
$2,000,000.00 Each Loss

d) Worker's Compensation: Statutory Limits
Employer's Liability
$100,000.00 Each Accident
$100,000.00 Disease, Each Employee
$500,000.00 Disease, Policy Limit

e) Umbrella Liability
$3,000,000.00. The umbrella liability policy shall not contain any exclusions or exceptions not identified in the Commercial General Liability, Automobile Liability or Pollution Legal Liability policies.

35. Cooperation.

The Contractor shall cooperate with representatives of any and all Local, Federal or State agencies having authority over the Work. Further, although the Contractor has possession of the Work site, the Contractor shall permit City employees and representatives, and employees and representatives of any Federal or State agency to have reasonable access to the Work site at all times.

36. Severability.

It is mutually agreed that in case any provision of this Contract is determined by a Court of law to be unconstitutional, illegal or unenforceable, it is the intention of the Parties that all other provisions of this Contract shall remain in full force and effect.

37. Nondiscrimination.

In the performance of the Work under this Contract, the Contractor agrees not to discriminate against any employee or applicant for employment contrary to any Federal, State or local law, rule or regulation, because of race, religion, marital status, age, creed, color, sex, handicap, national origin, or ancestry, sexual orientation, income level or source of income, arrest record or conviction record, less than honorable discharge, physical appearance, political beliefs or student status. The Work is to be performed in accordance with the Federal Americans With Disabilities Act.

38. No Third Party Beneficiaries.

This Contract is intended to be solely for the benefit of the Parties hereto. No part of this Contract shall be construed to add, supplement, amend, abridge or repeal existing rights, benefits or privileges of any third party or parties, including, but not limited to, employees of either of the Parties.

39. Full Agreement – Modification.

This Contract shall be the full and complete agreement and understanding of the Parties and shall supersede all oral or written statements or documents inconsistent herewith. This Contract can only be modified, in writing, by the mutual agreement of the Parties hereto, said amendment to be attached hereto and incorporated herein.

40. Notices.

Any notice required to be given to any Party to this Contract shall be in writing and delivered either by hand or certified mail, return receipt requested, to the addresses indicated below, or such address as the Parties indicate in writing. Notice shall be effective as of the date of delivery if by hand, or mailing if by certified mail.

If to Contractor:

_____
_____
_____
_____

If to City:

Director of City Development
Municipal Building, Room 308
625-52nd Street
Kenosha, Wisconsin 53140

With a copy to:

Office of the City Attorney
Municipal Building, Room 201
625 52nd Street
Kenosha, Wisconsin 53140

And

Department of Finance
Municipal Building, Room 208
625 52nd Street
Kenosha, Wisconsin 53140

41. Execution Authority.

Each of the undersigned hereby represents and warrants that: (a) such Party has all requisite power to execute this Contract: (b) the execution and delivery of this Contract by the undersigned, and the performance of its terms thereby have been duly and validly authorized and approved by all requisite action required by law; and (c) this Contract constitutes the valid and binding agreement of the undersigned, enforceable against each of them in accordance with the terms of this Contract.

Signature Pages to Follow

In Witness Whereof, the parties hereto have hereunto executed this Contract on the dates below given.

CITY OF KENOSHA, WISCONSIN
A Wisconsin Municipal Corporation

By:_____
JOHN M. ANTARAMIAN, Mayor

Date: _____

By:_____
DEBRA SALAS, City Clerk/Treasurer

Date:_____

STATE OF WISCONSIN)
: SS.
COUNTY OF KENOSHA)

Personally came before me this _____day of _____, 2020, John M. Antaramian, Mayor, and Debra Salas, City Clerk/Treasurer of the City of Kenosha, Wisconsin, a Wisconsin municipal corporation, to me known to be such Mayor and City Clerk/Treasurer of said municipal corporation, and acknowledged to me that they executed the foregoing instrument as such officers as the Contract of said municipal corporation, by its authority.

_____
Print Name:_____
Notary Public, Kenosha County, WI.
My Commission expires/is:_____

_____
_____

BY:_____
_____

Date: _____

STATE OF WISCONSIN)
: SS.
COUNTY OF)

Personally came before me this _____ day of _____, 2020, _____, to me known to be such _____ of said _____, and acknowledged to me that he executed the foregoing instrument as such president as the contract of said corporation by its authority.

_____
Print Name:_____
Notary Public, _____ County, WI.
My Commission expires/is:_____

PROJECT NO. 02-20

PERFORMANCE AND PAYMENT BOND

$_____

BY: (Principal) _____

To And For The Benefit Of
The City of Kenosha, Wisconsin

Know All Men By These Presents, that we,

_____

_____

_____

as Principal, and _____, (Surety), are held and firmly bound unto the City of Kenosha, Wisconsin, a municipal corporation as Obligee in the full and just sum of _____, ($_____), lawful money of the United States, to the payment of which sum, well and truly to be made, the Principal and Surety bind themselves and each of their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has entered into a written Contract with the Obligee for the above project, which Contract is hereby referred to and made a part hereof as fully and to the same extent as if copied at length herein.

NOW, THEREFORE, the condition of this obligation is such that if the Principal shall faithfully perform said Contract according to its terms, covenants and conditions and shall promptly pay all persons supplying labor or material to the Principal for use in the prosecution of the work under said Contract, then this obligation shall be void; otherwise it shall remain in full force and effect.

Subject to the named Obligee's priority, all persons who have supplied labor or material directly to the Principal for use in the prosecution of the work under said Contract shall have a direct right of action under this Bond.

The Surety's aggregate liability hereunder shall in no event exceed the amount set forth above.

No claim, suit or action shall be brought hereunder after the expiration of one (1) year following the date of City acceptance of the work on said Contract, or one (1) year following expiration of any warranty or guaranty covering the work and materials set forth under said Contract, whichever is longer. If this limitation is made void by any law controlling the construction hereof, such limitation shall be deemed to be amended to equal the minimum period of limitation permitted by such law.

Signed and dated at Kenosha, Wisconsin, this _____ day of _____, _____.

PRINCIPAL

_____ By:_____

Witness

Name:_____

Title:_____

SURETY

_____ By:_____

Witness

Name:_____

Title:_____

PERFORMANCE AND PAYMENT BOND

Examined and approved as to form and execution this ____ day of _____, ____.

By:_____

City Attorney

Print Name:_____

PROJECT NO. 02-20

AFFIDAVIT RESPECTING
CONSTRUCTION LIEN WAIVERS/RELEASES

STATE OF _____)
:SS
COUNTY OF _____)

Project Number:_____

Contractor:_____

I, _____, being duly sworn, state that:

1. I am an _____ (Officer, Manager, Member, Partner, Individual) of the Contractor, who is authorized to make this Affidavit on behalf thereof.

2. The Contractor has recently completed the Work required under the terms of its Contract for the above Project and makes this Affidavit to obtain final payment.

3. The following is a true, correct and complete listing of all subcontractors and major material suppliers (as defined in the Contract) who performed services or furnished material to the Contractor relative to the above Project.

NAME ADDRESS

_____

_____

_____

_____

_____

_____

_____

4. The Contractor has fully paid all subcontractors and material (whether major or minor) suppliers the amounts they are due and owing under their respective contracts and purchase orders and has obtained lien waivers or releases, which have been previously filed or are being filed with this Affidavit.

5. The Contractor has full and accurate records which clearly show the name and address of every subcontractor and material supplier used in connection with the Work on the Project, as well as the actual sums paid thereto. These records will be kept at the Contractor's principal place of business, as evidence of compliance set forth above, and will be retained and made available for inspection for a period of at least three (3) years following the completion of this Project and will not be removed from the Contractor's principal place of business without prior notification to the City Clerk of the City of Kenosha.

By:_____

Print Name:_____

Title:_____

Date:_____

STATE OF _____)
:SS.
COUNTY OF _____)

Subscribed and sworn to before me this _____
day of_____, 20_____.

_____
Signature

_____
Print Name

Notary Public, _____ County,_____
My Commission expires/is:_____

PROJECT NO. 02-20

CHANGE ORDER

Project Number:_____

Account Number:_____

Contractor:_____

Date of Common Council Action:_____

CITY and CONTRACTOR agree that the above Contract is amended by (increasing) (decreasing) the amount of the Contract by $_____ from $_____ to $_____. This amendment shall have the effect of (increasing) (decreasing) (not changing) the date of Project completion from _____ to _____.

This Change Order is approved by:

CONTRACTOR	CITY OF KENOSHA, MAYOR
By:_____	By:_____
Print Name:_____	Print Name:_____
Date:_____	Date:_____

LEAD INSPECTION REPORT
Job Site:

Commercial Building
702 58th Street
Kenosha, Wisconsin

For:

City of Kenosha
Department of Community Development and Inspections
Municipal Building, Room 308
325 52nd Street
Kenosha, Wisconsin 53140

KPH Project # 19-400-207

Dean Jacobsen
Lead Risk Assessor No. LRA – 14370

Prepared by:

KPH Environmental
1237 West Bruce Street
Milwaukee, Wisconsin 53204

November 2019

TABLE OF CONTENTS

Lead Inspection Report
702 58th Street
Kenosha, Wisconsin

EXECUTIVE SUMMARY

KPH Environmental Corp (KPH), was retained by the City of Kenosha Department of Community Development and Inspections to conduct a lead inspection of the commercial building at 702 58th Street, Kenosha, Wisconsin, prior to renovation. KPH conducted a visual inspection for suspect lead painted and coated surfaces. An x-ray fluorescence analyzer (XRF) was then used to determine the amount of lead on these surfaces. Where inconclusive XRF readings were recorded, KPH collected paint chip samples for laboratory analysis to verify the lead content of those surfaces.

Most surfaces tested have some lead in the paint or surface coating. Lead based paint (greater than or equal to 1.0 mg/cm^2 or greater than 0.5% lead) was detected on:

- Exterior portions of wood windows on the 1st floor, mezzanine, and 2nd floor
- North side building entry/exit doors
- Freight elevator doors
- Basement west room ceiling, floor, and columns
- 1st floor west room columns & ceiling
- 1st floor south side window display surfaces
- North center stair metal railing
- Mezzanine southwest & northwest ceilings, northeast restroom walls & radiator
- 2nd floor west side ceiling (rooms 200-206, north hall), northwest & northeast men's restroom walls & ceiling, northeast office walls & ceiling

Lead based paint was assumed to be on inaccessible surfaces as discussed in Section II.
XRF and paint chip sample results are in Section II of this report.

Where employees may be exposed to lead, the building owner and employer(s) must follow the OSHA lead in construction regulation 29 CFR 1926.62. This applies if any amount of lead is present, not just for lead based paint (>0.5% Lead). The regulation requires personal exposure monitoring for lead, and engineering controls and work practices if employees are exposed to lead above the action level or permissible exposure limit.

For any areas of the building that will be converted to housing uses, U.S. EPA and Wisconsin DHS lead safe renovation requirements must be followed where lead based paint has been identified.

KPH recommends that the lead safe renovation practices be followed where ever lead was detected in the building, not just for surfaces with lead based paint.

The Wisconsin DNR Concrete Recycling and Disposal Fact Sheet states that building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste. They may not be recycled unless an exemption is obtained from the DNR.

I. INTRODUCTION

KPH Environmental Corp., (KPH) was retained by the City of Kenosha Department of Community Development and Inspections to conduct a lead inspection of the commercial building at 702 58th Street, Kenosha, Wisconsin. The inspection was conducted by:

Dean Jacobsen
W131 S6781 Kipling Drive
Muskego, WI 53150
(414) 531-8824
Certification #: LRA-14370

The certified lead company conducting the inspection was:

KPH Environmental Corp.
1237 West Bruce Street
Milwaukee, WI 53204
(414) 647-1530
Certification #: DHS-1432180

Zohrab Khaligian, of the City of Kenosha, authorized KPH to conduct an inspection and to analyze samples collected during the inspection. The lead inspection of the building at 702 58th Street, Kenosha, Wisconsin, was conducted on October 30-31, 2019. Additional information on the inspection and results are contained in the following sections.

The building was constructed in 1930 and has been used for commercial and retail businesses. According to the City of Kenosha the building was most recently used as a Bardens Department Store and JC Penney store, and has been vacant for the past 15 years. Renovation plans include using the basement, first floor, and mezzanine for commercial purposes, and possibly converting the second floor into housing.

U.S. Environmental Protection Agency regulation 40 CFR 745 and Wisconsin Department of Health Services regulation DHS 163 require the use of lead certified individuals, lead certified companies, and lead safe work practices when renovating housing or child occupied facilities constructed prior to 1978 where lead based paint or coatings will be disturbed.

II. LEAD PAINT INSPECTION

A. Methods

A lead based paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead based paint or coatings are present in the building, the location(s) of lead containing surfaces, and the amount of lead in the paint or coating. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust.

A room by room inspection was conducted, noting the location, substrate, and color of painted surfaces. An Innov X Model α-6500 XRF was used to analyze each painted or coated surface. The Certificate of Analysis and Performance Characteristic Sheet are included in Appendix B. The XRF was calibrated at the start and end of each day using standard reference paint films (blank film of <0.001 mg/cm^2 and a standard red lead film of 1.04 mg/cm^2 +/- 0.064) supplied with the instrument. The Performance Characteristic Sheet states that substrate correction is not needed with this model XRF.

Procedures in Chapter 7 (Lead-Based Paint Inspection) of the HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing (2012 Edition) were used for this lead inspection.

Where inconclusive XRF readings were received, representative paint chip samples were collected from those surfaces. The paint chip samples were analyzed at Schneider Laboratories Global, of Richmond, Virginia, for total lead content using EPA Method 3050B/7000B.

Chapter 254 of the Wisconsin State Statutes defines lead-based paint as having a surface concentration of lead that is equal to greater than 1.0 mg/cm^2 for an XRF reading, or greater than 0.5% of lead per weight of a paint chip sample.

The results of the analysis was classified as follows:

Positive: Any result at or above the Chapter 254 Standard of 1.0 mg/cm^2 or 0.5% lead.

Negative: Any result below the Chapter 254 Standard of 1.0 mg/cm^2 or 0.5% lead.

B. Component Testing Results

In an effort to develop a painting history of the building, specific component types were tested for the presence of lead based paint. Reference Test Results of Components below – Bold values indicate locations where results are above the Chapter 254 Standard. The laboratory report for paint chip samples is in Appendix C.

Interior: 702 58th Street, Kenosha, Wisconsin

- Painted or varnished surfaces were observed in all rooms, including walls, ceilings, railings, doors, window trim, ducts, and molding. Most floors were not painted. Most of the surfaces tested have paint or coatings with some lead, although most do not meet the definition of lead based paint. **Lead based paint or coatings were detected at or above 1.0 mg/cm^2 or 0.5% on surfaces as summarized in the table immediately below.** Inaccessible areas, including parts of east side rooms covered with ceiling debris, freight elevator interiors, and sub-basement boiler area, are assumed to have surfaces with lead based paint. All sample results are in the XRF Reading and Paint Chip Samples tables below.

Lead Based Paint on Interior Surfaces

Location	Substrate
Basement	West Room Floor, Ceiling, & Columns
1st Floor	West Room Columns & Ceiling, Freight Elevator Doors, North Side Exit Doors, South Windows Display Surfaces

Location	Substrate
Mezzanine	Southwest & Northwest Ceilings, Northeast Restroom Walls & Radiator, Freight Elevator Doors,
2nd Floor	West Side Ceiling (Rooms 200-206, North Hall), Northwest & Northeast Men's Restroom Walls & Ceiling, Northeast Office Walls & Ceiling, Freight Elevator Doors,
Stairs	North Center Stair Metal Railing

Exterior: 702 58th Street, Kenosha, Wisconsin

- Exterior walls are not painted. Painted or coated surfaces were observed on the windows, doors, and a wall panel. **Lead was detected at or above 1.0 mg/cm^2 on wood windows (jambs, sashes, and troughs), and north side doors. All other exterior painted or coated surfaces did not have lead based paint.** Sample results are in the XRF Reading and Paint Chip Samples tables below.

The following are the XRF results:

Date: 10/30/19 XRF Readings

Paint Testing Results						
Sample	**Room**	**Component & Feature**	**Substrate**	**Color**	**PbC (mg/cm^2)**	**Result**
1		Calibration Blank	Paint Film	White	0.0	
2		Calibration Standard	Paint Film	Red	1.1	Positive
3		Calibration Standard	Paint Film	Red	1.1	Positive
4		Calibration Standard	Paint Film	Red	1.17	Positive
5	1st Floor West Room	South Wall	Plaster	Gray Blue	>0.23	Inconclusive
6	1st Floor West Room	West Wall	Plaster	Gray Blue	>0.30	Inconclusive
7	1st Floor West Room	North Wall	Plaster	Gray Blue	0.21	Negative
8	1st Floor West Room	East Wall	Plaster	Gray Blue	>0.37	Inconclusive
9	**1st Floor West Room**	**North Column**	**Plaster**	**Gray Blue**	**1.06**	**Positive**
10	**1st Floor West Room**	**South Column**	**Plaster**	**Gray Blue**	**1.34**	**Positive**
11	1st Floor West Room	South Door Trim	Wood	Gray Blue	0.08	Negative
12	1st Floor West Room	South Door	Metal	Silver	0.0	Negative
13	**1st Floor West Room**	**Southwest Window Display Wall**	**Wood**	**Gray Blue**	**2.68**	**Positive**
14	**1st Floor West Room**	**Southwest Window Display Wall Trim**	**Wood**	**Blue**	**1.96**	**Positive**
15	1st Floor West Room	Southwest Window Display Ceiling	Plaster	Black	0.0	Negative
16	1st Floor West Room	Baseboard	Wood	Blue	0.09	Negative
17	1st Floor West Room	North Ceiling	Plaster	White	>0.0	Inconclusive
18	1st Floor West Room	Sprinkler Pipe	Metal	White	>0.08	Inconclusive

Paint Testing Results						
Sample	**Room**	**Component & Feature**	**Substrate**	**Color**	**PbC (mg/cm^2)**	**Result**
19	1st Floor West Room	North Radiator	Metal	White	0.11	Negative
20	1st Floor West Room	North Window Sash	Wood	Black	>0.11	Inconclusive
21	1st Floor West Room	North Window Sill	Wood	Black	0.06	Negative
22	1st Floor West Room	Duct	Metal	White	0.05	Negative
23	1st Floor Southwest Basement Stair	Wall	Drywall	Gray	0.0	Negative
24	1st Floor Southwest Basement Stair	Newel Post	Metal	Gray	0.64	Negative
25	1st Floor Southwest Basement Stair	Bannister	Wood	Varnish	0.12	Negative
26	1st Floor Southwest Basement Stair	Spindle	Metal	White	0.18	Negative
27	1st Floor West Room	South Entry Door Frame	Metal	Silver	0.0	Negative
28	1st Floor West Room	South Entry Door	Metal	Silver	0.0	Negative
29	1st Floor West Room Southwest Closet	Door	Wood	White	>0.18	Inconclusive
30	1st Floor West Room Southwest Closet	Door Jamb	Wood	White	0.11	Negative
31	1st Floor West Room Southwest Closet	Wall	Plaster	White	0.08	Negative
32	1st Floor Southwest Stair to Mezzanine	Newel Post	Wood	Pink	0.11	Negative
33	1st Floor Southwest Stair to Mezzanine	Bannister	Wood	Varnish	0.27	Negative
34	1st Floor Southwest Stair to Mezzanine	Spindle	Wood	Blue	0.12	Negative
35	1st Floor Southwest Stair to Mezzanine	Step	Wood	Varnish	0.18	Negative
36	Southwest Mezzanine	East Wall	Plaster	White	>0.15	Inconclusive
37	Southwest Mezzanine	South Wall	Plaster	White	>0.06	Inconclusive
38	Southwest Mezzanine	North Wall	Drywall	Tan	0.0	Negative
39	Southwest Mezzanine	West Wall	Plaster	White	0.02	Negative
40	Southwest Mezzanine	Baseboard	Wood	Black	0.07	Negative
41	Southwest Mezzanine	Window Sash	Wood	Black	>0.12	Inconclusive

Paint Testing Results						
Sample	**Room**	**Component & Feature**	**Substrate**	**Color**	**PbC (mg/cm^2)**	**Result**
42	Southwest Mezzanine	Window Sill	Wood	Black	0.14	Negative
43	Southwest Mezzanine	West Door Jamb	Wood	Black	0.12	Negative
44	Southwest Mezzanine	West Door	Wood	Gray	0.14	Negative
45	**Southwest Mezzanine**	**Ceiling**	**Plaster**	**White**	**1.33**	**Positive**
46	Southwest Mezzanine	East Door Jamb	Wood	Black	0.13	Negative
47	Southwest Mezzanine	East Door	Wood	Varnish	0.15	Negative
48	Southwest Mezzanine	North Ledge	Wood	Gray	0.07	Negative
49	**1st Floor West Room**	**Freight Elevator Door**	**Metal**	**Gray**	**5.0**	**Positive**
50	1st Floor North Center Stair	West Door Jamb	Wood	White	0.06	Negative
51	1st Floor North Center Stair	West Door	Wood	White	0.07	Negative
52	1st Floor North Center Stair	Floor	Concrete	Gray	0.08	Negative
53	**1st Floor North Center Stair**	**Railing**	**Metal**	**Gray**	**4.22**	**Positive**
54	1st Floor North Center Stair	East Door	Metal	Brown	0.02	Negative
55	1st Floor North Center Stair	East Wall	Plaster	White	0.04	Negative
56	1st Floor North Center Stair	South Wall	Plaster	White	>0.04	Inconclusive
57	1st Floor North Center Stair	West Wall	Plaster	White	0.08	Negative
58	1st Floor North Center Stair	North Wall	Plaster	Gray	>0.05	Inconclusive
59	1st Floor North Center Stair	Window Sash	Wood	Off White	0.04	Negative
60	1st Floor North Center Stair	Window Sill	Wood	Off White	0.07	Negative
61	1st Floor North Center Stair	Baseboard	Wood	Gray	0.03	Negative
62	1st Floor North Center Stair	Ceiling	Plaster	White	0.05	Negative
63	1st Floor North Center Stair	North Exit Door	Metal	Brown	0.04	Negative
64	1st Floor North Center Room	West Wall	Plaster	Off White	>0.09	Inconclusive
65	1st Floor North Center Room	North Wall	Plaster	Off White	0.10	Negative

Paint Testing Results						
Sample	**Room**	**Component & Feature**	**Substrate**	**Color**	**PbC (mg/cm^2)**	**Result**
66	1st Floor North Center Room	East Wall	Plaster	Off White	0.03	Negative
67	1st Floor North Center Room	Ceiling	Plaster	Off White	>0.02	Inconclusive
68	1st Floor North Center Room	Window Jamb	Wood	Brown	0.29	Negative
69	1st Floor North Center Room	Window Sash	Wood	Brown	0.06	Negative
70	1st Floor North Center Room	North Center Door	Metal	Brown	0.02	Negative
71	1st Floor North Center Room	Elevator Door	Metal	Brown	0.27	Negative
72	1st Floor North Center Room	Baseboard	Wood	Varnish	0.07	Negative
73	1st Floor Northeast Hall	West Wall	Plaster	White	0.04	Negative
74	1st Floor Northeast Hall	East Wall	Drywall	White	0.03	Negative
75	1st Floor Northeast Hall	Baseboard	Wood	Varnish	0.0	Negative
76	1st Floor Northeast Hall	Restroom Door	Wood	Varnish	0.07	Negative
77	1st Floor Northeast Hall	Restroom Door Jamb	Wood	Varnish	0.19	Negative
78	1st Floor Northeast Restroom	West Wall	Plaster	White	0.04	Negative
79	1st Floor Northeast Restroom	East Wall	Plaster	White	0.10	Negative
80	1st Floor Northeast Restroom	Stall Wall	Metal	Orange	0.07	Negative
81	1st Floor Northeast Restroom	Floor	Ceramic	Green	0.03	Negative
82	Northeast Basement Stair	West Wall	Plaster	Gray	0.05	Negative
83	Northeast Basement Stair	North Wall	Plaster	Gray	0.05	Negative
84	**Northeast Basement Stair**	**North Exit Door**	**Metal**	**Brown**	**5.0**	**Positive**
85	Northeast Basement Stair	South Door	Wood	Varnish	0.01	Negative
86	Northeast Basement Stair	Railing	Wood	Varnish	0.0	Negative
87	Northeast Basement Stair	Baseboard	Wood	Varnish	0.0	Negative
88	1st Floor Northeast Room	North Wall	Drywall	White	>0.04	Inconclusive
89	1st Floor Northeast Room	East Wall	Plaster	Gray	0.02	Negative

Paint Testing Results						
Sample	**Room**	**Component & Feature**	**Substrate**	**Color**	**PbC (mg/cm^2)**	**Result**
90	1st Floor Northeast Room	Ceiling	Plaster	Gray	>0.02	Inconclusive
91	1st Floor Northeast Room	Window Sash	Wood	Gray	0.09	Negative
92	1st Floor Northeast Room	Window Sill	Wood	Gray	0.02	Negative
93	1st Floor Northeast Room	North Wall	Plaster	Gray	0.12	Negative
94	1st Floor Northeast Room	Radiator	Metal	Tan	0.06	Negative
95	1st Floor East Show Room	Northeast Column	Wood	Pink	>0.0	Inconclusive
96	1st Floor East Show Room	North Wall	Wood	White	0.13	Negative
97	1st Floor East Show Room	Ceiling	Plaster	White	0.0	Negative
98	1st Floor East Show Room	East Wall	Plaster	Tan	0.03	Negative
99	1st Floor East Show Room	East Entry Door Frame	Metal	Silver	0.0	Negative
100	1st Floor East Show Room	East Entry Door	Metal	Silver	0.0	Negative
101	1st Floor East Show Room	Elevator Wall	Metal	Tan	0.09	Negative
102	1st Floor East Show Room	Elevator Door	Metal	Pink	0.04	Negative
103	1st Floor East Show Room	Center Column	Plaster	Pink	0.34	Negative
104	1st Floor East Show Room	South Wall	Plaster	Pink	0.04	Negative
105	1st Floor East Show Room	Southeast Entry Door Frame	Metal	Silver	0.04	Negative
106	1st Floor East Show Room	Southeast Entry Door	Metal	Silver	0.04	Negative
107	1st Floor East Show Room	Baseboard	Wood	Pink	0.13	Negative
108	1st Floor East Show Room	Step Railing	Metal	Silver	0.0	Negative
109	1st Floor East Show Room	Southwest Column	Metal	Pink	0.08	Negative
110	1st Floor East Show Room	Center Stair West Wall	Plaster	Pink	>0.0	Inconclusive
111	1st Floor East Show Room	Center Stair Railing	Wood	Varnish	0.09	Negative
112	East Basement Stair	West Wall	Plaster	Pink	0.07	Negative
113	East Basement Stair	East Wall	Plaster	Pink	>0.0	Inconclusive
114	East Basement Stair	Ceiling	Plaster	Off White	0.0	Negative
115	East Basement Stair	Railing	Wood	Varnish	0.06	Negative

Paint Testing Results						
Sample	**Room**	**Component & Feature**	**Substrate**	**Color**	**PbC (mg/cm^2)**	**Result**
116	Basement Southeast Show Room	North Wall	Wood	Pink	0.09	Negative
117	Basement Southeast Show Room	North Door	Wood	Pink	0.05	Negative
118	Basement Southeast Show Room	North Door Jamb	Wood	Pink	0.06	Negative
119	Basement Southeast Show Room	West Wall	Plaster	Pink	0.26	Negative
120	Basement Southeast Show Room	Fire Extinguisher Cabinet	Metal	Red	0.0	Negative
121	Basement Southeast Show Room	Elevator Door	Metal	Pink	0.05	Negative
122	Basement Southeast Show Room	North Column	Plaster	Pink	0.64	Negative
123	Basement Southeast Show Room	East Wall	Plaster	Pink	0.04	Negative
124	Basement Southeast Show Room	East Shelf	Wood	Pink	0.48	Negative
125	Basement Southeast Show Room	South Wall	Plaster	Pink	>0.16	Inconclusive
126	Basement Southeast Show Room	Ceiling	Plaster	White	>0.20	Inconclusive
127	Basement Northeast Room	Northeast Wall	Plaster	Tan	0.04	Negative
128	Basement Northeast Room	West Wall	Plaster	Tan	0.05	Negative
129	Basement Northeast Room	Southwest Door	Metal	Brown	0.03	Negative
130	Basement Northeast Room	Ceiling	Plaster	White	0.02	Negative
131	Basement Northeast Room	Northwest Wall	Block	White	0.12	Negative
132	Basement Northeast Room	North Door	Wood	Varnish	0.12	Negative
133	Basement Northeast Room	North Door Jamb	Metal	Off White	0.04	Negative
134	Basement Center Room	Elevator Door	Metal	Brown	0.38	Negative
135	Basement Center Room	Sprinkler Pipe	Metal	White	0.08	Negative
136	Basement Center Room	East Wall	Plaster	Tan	0.0	Negative
137	Basement Center Room	North Wall	Plaster	Tan	0.16	Negative
138	Basement Center Room	Floor	Concrete	Brown	0.12	Negative
139	Basement Center Room	West Wall	Block	White	0.0	Negative

Paint Testing Results						
Sample	**Room**	**Component & Feature**	**Substrate**	**Color**	**PbC (mg/cm^2)**	**Result**
140	Basement Center Room	Waste Pipe	Metal	White	0.25	Negative
141	Basement Center Room	South Wall	Plaster	White	0.06	Negative
142	Basement Center Room	Column	Plaster	White	>0.09	Inconclusive
143	Basement Center Room	Ceiling	Plaster	White	0.01	Negative
144	Basement Boiler Room	Wall Near Door	Block	White	0.04	Negative
145	Basement North Center Stair	East Door	Metal	Brown	0.12	Negative
146	Basement North Center Stair	East Door Jamb	Metal	Brown	0.12	Negative
147	**Basement West Room**	**Freight Elevator Door**	**Metal**	**Tan/Gray**	**2.93**	**Positive**
148	Basement West Room	North Wall	Plaster	White	>0.04	Inconclusive
149	Basement West Room	North Floor	Concrete	Gray	0.06	Negative
150	Basement West Room	Northeast Door Jamb	White	Wood	0.09	Negative
151	Basement West Room	East Wall	White	Plaster	0.0	Negative
152	Basement West Room	South Floor	Concrete	Red	>0.26	Inconclusive
153	Basement West Room	Column	Plaster	White	>0.38	Inconclusive
154	**Basement West Room**	**Ceiling**	**Plaster**	**White**	**1.28**	**Positive**
155	Basement West Room	North Dividing Wall	Wood	Blue Gray	0.09	Negative
156	Basement West Room	West Dividing Wall	Wood	White	0.0	Negative
157	Basement West Room	Duct	Metal	White	0.04	Negative
158	Basement West Room	Pipe	Metal	White	0.04	Negative
159	Basement West Room	South Dividing Wall	Wood	White	0.01	Negative
160	Basement West Room	South Wall	Plaster	White	>0.07	Inconclusive
161	Basement West Room	West Wall	Plaster	Gray	0.07	Negative
162	Basement Southwest Stair	Riser	Metal	Tan	0.45	Negative
163	Basement Southwest Stair	Newel Post	Wood	Pink	0.09	Negative

Paint Testing Results						
Sample	**Room**	**Component & Feature**	**Substrate**	**Color**	**PbC (mg/cm^2)**	**Result**
164	Basement Southwest Stair	Bannister	Wood	Varnish	0.26	Negative
165	Basement Southwest Stair	Spindle	Wood	Blue	0.11	Negative
166	Basement Southwest Stair	Step	Metal	Tan	0.17	Negative
167	Northwest Mezzanine	East Wall	Plaster	White	0.04	Negative
168	**Northwest Mezzanine**	**Ceiling**	**Plaster**	**White**	**1.67**	**Positive**
169	Northwest Mezzanine	Column	Plaster	White	0.34	Negative
170	Northwest Mezzanine	North Wall	Plaster	White	0.38	Negative
171	Northwest Mezzanine	Window Sash	Wood	Brown	0.17	Negative
172	Northwest Mezzanine	Window Jamb	Wood	Blue/Green	0.42	Negative
173	Northwest Mezzanine	Radiator	Metal	White	0.20	Negative
174	Northwest Mezzanine	West Wall	Plaster	White	0.08	Negative
175	Northwest Mezzanine	Baseboard	Wood	White	>0.08	Inconclusive
176	South Center Mezzanine Stair	East Wall	Plaster	Tan	>0.08	Inconclusive
177	South Center Mezzanine Stair	Riser	Wood	Varnish	0.04	Negative
178	South Center Mezzanine Stair	Bannister	Wood	Varnish	0.06	Negative
179	Southeast Mezzanine	South Wall	Plaster	White	>0.06	Inconclusive
180	Southeast Mezzanine	Radiator	Metal	White	0.16	Negative
181	Southeast Mezzanine	Ceiling	Plaster	White	>0.02	Inconclusive
182	Southeast Mezzanine	Balcony Wall	Wood	Varnish	0.05	Negative
183	Southeast Mezzanine	Door	Wood	Varnish	0.01	Negative
184	Southeast Mezzanine	Door Jamb	Wood	Varnish	0.18	Negative
185	Southeast Mezzanine	Diving Wall	Wood	White	0.0	Negative
186	Southeast Mezzanine	Window Sash	Wood	White	0.12	Negative
187	Southeast Mezzanine	Window Sill	Wood	White	0.11	Negative

Paint Testing Results						
Sample	**Room**	**Component & Feature**	**Substrate**	**Color**	**PbC (mg/cm^2)**	**Result**
188	Southeast Mezzanine	West Cabinet	Wood	White	0.12	Negative
189	Southeast Mezzanine	Safe	Metal	Gray	0.25	Negative
190	Southeast Mezzanine	Center Wall	Plaster	White	0.22	Negative
191	Southeast Mezzanine	Column	Plaster	White	0.22	Negative
192	Southeast Mezzanine	North Wall	Wood	White	0.0	Negative
193	Southeast Mezzanine	Baseboard	Wood	White	0.12	Negative
194	Southeast Mezzanine	Center Wall Panel	Wood	Varnish	0.01	Negative
195	Southeast Mezzanine	Window Sash	Wood	White	0.13	Negative
196	Southeast Mezzanine	Window Jamb	Wood	White	0.05	Negative
197	Southeast Mezzanine	East Wall	Plaster	White	>0.11	Inconclusive
198	Northeast Mezzanine	East Wall	Plaster	Pink	>0.30	Inconclusive
199	Northeast Mezzanine	East Wall	Wood	Pink	0.02	Negative
200	Northeast Mezzanine	North Wall	Plaster	Pink	>0.23	Inconclusive
201	Northeast Mezzanine	North Partition Wall	Wood	White	0.04	Negative
202	Northeast Mezzanine	Pipe	Metal	White	0.01	Negative
203	Northeast Mezzanine	Ceiling	Plaster	White	>0.06	Inconclusive
204	Northeast Mezzanine	Baseboard	Wood	Pink	0.0	Negative
205	Northeast Mezzanine	South Balcony Wall	Drywall	White	0.04	Negative
206	Northeast Mezzanine	South Balcony Wall Cap	Wood	Varnish	0.01	Negative
207	Northeast Mezzanine	Rack Header	Metal	Pink	0.15	Negative
208	Northeast Mezzanine	Elevator Door	Metal	Pink	0.03	Negative
209	Northeast Mezzanine	West Wall	Plaster	Pink	0.09	Negative
210	Northeast Mezzanine Restroom	Door	Wood	Varnish	0.09	Negative

Paint Testing Results						
Sample	**Room**	**Component & Feature**	**Substrate**	**Color**	**PbC (mg/cm²)**	**Result**
211	Northeast Mezzanine Restroom	Door Jamb	Wood	Varnish	0.07	Negative
212	**Northeast Mezzanine Restroom**	**West Wall**	**Plaster**	**White**	**1.41**	**Positive**
213	Northeast Mezzanine Restroom	East Wall	Plaster	White	0.86	Negative
214	Northeast Mezzanine Restroom	Ceiling	Plaster	White	0.11	Negative
215	Northeast Mezzanine Restroom	Window Sill	Wood	White	0.13	Negative
216	Northeast Mezzanine Restroom	Window Sash	Wood	White	0.19	Negative
217	Northeast Mezzanine Restroom	Stall Wall	Metal	Tan	0.30	Negative
218	**Northeast Mezzanine Restroom**	**Radiator**	**Metal**	**White**	**1.0**	**Positive**
219	Northeast Mezzanine Restroom	Floor	Ceramic	White	0.04	Negative
220	Northeast Mezzanine Restroom	Floor	Ceramic	White	0.04	Negative
221	Northeast Mezzanine	Column	Plaster	Pink	>0.15	Inconclusive
Calibration		Calibration Standard	Paint Film	Red	1.12	Positive
Calibration		Calibration Standard	Paint Film	Red	1.11	Positive
Calibration		Calibration Standard	Paint Film	Red	1.09	Positive
Calibration		Calibration Blank	Paint Film	White	0.0	

Date: 10/31/19 XRF Readings

Paint Testing Results						
Sample	**Room**	**Component & Feature**	**Substrate**	**Color**	**PbC (mg/cm²)**	**Result**
1		Calibration Blank	Paint Film	White	0.0	
2		Calibration Standard	Paint Film	Red	1.1	Positive
3		Calibration Standard	Paint Film	Red	1.12	Positive
4		Calibration Standard	Paint Film	Red	1.14	Positive
222	2nd Floor West Stair	Newel Post	Wood	Pink	0.12	Negative
223	2nd Floor West Stair	Bannister	Wood	Varnish	0.16	Negative
224	2nd Floor West Stair	Spindle	Wood	White	0.12	Negative

Paint Testing Results						
Sample	**Room**	**Component & Feature**	**Substrate**	**Color**	**PbC (mg/cm^2)**	**Result**
225	2nd Floor West Stair	Step	Wood	Varnish	0.15	Negative
226	2nd Floor West Stair	Riser	Wood	Gray/Varnish	0.26	Negative
227	203	Floor	Wood	Varnish	0.01	Negative
228	203	Column	Plaster	White	0.39	Negative
229	203	West Wall	Plaster	White	>0.28	Inconclusive
230	203	Crown Molding	Wood	Gray	0.13	Negative
231	203	Baseboard	Wood	Gray	0.20	Negative
232	**203**	**Ceiling**	**Plaster**	**White**	**2.29**	**Positive**
233	203	Sprinkler Pipe	Metal	White	0.11	Negative
234	200	South Wall	Plaster	White	>0.48	Inconclusive
235	200	Window Sash	Wood	Brown	0.09	Negative
236	200	Window Jamb	Wood	Brown	0.13	Negative
237	200	Baseboard	Wood	Gray	0.15	Negative
238	200	West Wall	Plaster	White	0.36	Negative
239	202	West Door Jamb	Wood	Brown/Varnish	0.04	Negative
240	202	West Door	Wood	Brown/Varnish	0.06	Negative
241	202	West Wall	Drywall	White	0.0	Negative
242	202	North Wall	Drywall	White	0.0	Negative
243	202	Duct	Metal	White	0.06	Negative
244	202	East Wall	Plaster	White	>0.15	Inconclusive
245	202	Baseboard	Wood	White/Gray	0.08	Negative
246	2nd Floor Southwest Stair	Newel Post	Wood	Gray/Varnish	0.12	Negative
247	2nd Floor Southwest Stair	Spindle	Wood	White	0.13	Negative
248	2nd Floor Southwest Stair	Banister	Wood	Varnish	0.17	Negative
249	202	Window Sash	Wood	White	0.13	Negative
250	202	Window Sill	Wood	White	0.05	Negative
251	204	South Wall	Drywall	White	0.0	Negative
252	204	East Wall	Drywall	White	0.0	Negative
253	204	North Wall	Drywall	White	0.10	Negative
254	204	Southeast Door	Wood	Gray/Varnish	0.05	Negative
255	204	Southeast Door Jamb	Wood	Gray/Varnish	0.16	Negative
256	204	Baseboard	Wood	Gray/Varnish	0.02	Negative
257	205	North Wall	Plaster	White	>0.33	Inconclusive
258	205	Window Sill	Wood	Black/Varnish	0.18	Negative
259	205	Window Sash	Wood	Black/Varnish	0.13	Negative
260	205	East Wall	Drywall	Red	0.08	Negative
261	205	South Wall	Drywall	Red	0.09	Negative
262	205	South Door Jamb	Wood	Black	0.0	Negative
263	206	East Wall	Drywall	White	0.10	Negative
264	206	West Wall	Drywall	White	0.10	Negative
265	206	Radiator	Metal	White	0.11	Negative
266	206	East Door	Wood	Tan	0.20	Negative
267	206	East Door Jamb	Wood	White	0.23	Negative
268	206	South Wall	Drywall	White	0.0	Negative

Paint Testing Results						
Sample	**Room**	**Component & Feature**	**Substrate**	**Color**	**PbC (mg/cm^2)**	**Result**
269	207	South Wall	Plaster	White	0.15	Negative
270	207	East Wall	Plaster	White	0.21	Negative
271	207	North Wall	Plaster	White	>0.14	Inconclusive
272	207	West Wall	Plaster	White	0.12	Negative
273	207	Baseboard	Wood	Gray	0.19	Negative
274	207	Duct	Metal	White	0.07	Negative
275	207	Ceiling	Plaster	White	0.0	Negative
276	207	Radiator	Metal	Tan	0.22	Negative
277	2nd Floor North Hall	North Wall	Plaster	White	0.37	Negative
278	2nd Floor Northwest Women's Restroom	Door	Wood	White/Varnish	0.15	Negative
279	2nd Floor Northwest Women's Restroom	Door Jamb	Wood	White/Varnish	0.23	Negative
280	2nd Floor Northwest Women's Restroom	West Wall	Plaster	White	0.21	Negative
281	2nd Floor Northwest Women's Restroom	East Wall	Plaster	White	0.25	Negative
282	2nd Floor Northwest Women's Restroom	South Wall	Plaster	White	0.27	Negative
283	2nd Floor Northwest Women's Restroom	North Wall	Plaster	White	>0.08	Inconclusive
284	2nd Floor Northwest Women's Restroom	Window Sash	Wood	White	0.16	Negative
285	2nd Floor Northwest Women's Restroom	Window Sill	Wood	White	0.10	Negative
286	2nd Floor Northwest Women's Restroom	Stall Wall	Metal	White	0.16	Negative
287	2nd Floor Northwest Women's Restroom	Floor	Ceramic	White	0.02	Negative
288	2nd Floor Northwest Women's Restroom	Ceiling	Plaster	White	0.0	Negative
289	2nd Floor Northwest Mechanical Room	Door	Wood	Gray	0.12	Negative
290	2nd Floor Northwest Mechanical Room	Door Jamb	Wood	Gray	0.15	Negative
291	2nd Floor Northwest Mechanical Room	East Wall	Plaster	White	0.05	Negative
293	2nd Floor Northwest Mechanical Room	North Wall	Plaster	White	0.11	Negative
294	2nd Floor Northwest Mechanical Room	South Wall	Plaster	White	0.12	Negative
295	2nd Floor Northwest Mechanical Room	Baseboard	Wood	Gray	0.07	Negative
296	2nd Floor Northwest Mechanical Room	Ceiling	Plaster	White	>0.02	Inconclusive
297	2nd Floor Northwest Mechanical Room	Duct	Metal	White	0.06	Negative

Paint Testing Results						
Sample	**Room**	**Component & Feature**	**Substrate**	**Color**	**PbC (mg/cm^2)**	**Result**
298	2nd Floor Northwest Men's Restroom	Door	Wood	White	0.09	Negative
299	2nd Floor Northwest Men's Restroom	Door Jamb	Wood	White	0.07	Negative
300	**2nd Floor Northwest Men's Restroom**	**West Wall**	**Plaster**	**White**	**1.38**	**Positive**
301	2nd Floor Northwest Men's Restroom	Window Sill	Wood	White	0.15	Negative
302	2nd Floor Northwest Men's Restroom	Window Sash	Wood	White	0.15	Negative
303	2nd Floor Northwest Men's Restroom	Radiator	Metal	Black	0.09	Negative
304	2nd Floor Northwest Men's Restroom	Floor	Ceramic	White	0.05	Negative
305	2nd Floor Northwest Storage Room	South Wall	Plaster	Tan	0.0	Negative
306	2nd Floor Northwest Storage Room	East Wall	Plaster	Tan	0.0	Negative
307	2nd Floor Northwest Storage Room	North Wall	Plaster	Tan	0.07	Negative
308	2nd Floor Northwest Storage Room	West Wall	Plaster	Tan	0.07	Negative
309	2nd Floor Northwest Storage Room	Window Sill	Wood	Tan	0.07	Negative
310	2nd Floor Northwest Storage Room	Window Sash	Wood	Tan	0.10	Negative
311	2nd Floor Northwest Storage Room	Radiator	Metal	Tan	0.13	Negative
312	2nd Floor Northwest Storage Room	South Door	Wood	Tan	0.05	Negative
313	2nd Floor Northwest Storage Room	South Door Jamb	Wood	Tan	0.07	Negative
314	2nd Floor Northwest Storage Room	Pipe	Metal	Tan	0.04	Negative
315	2nd Floor Northwest Storage Room	Chair Rail	Wood	Tan	0.07	Negative
316	**2nd Floor Northwest Mechanical Room**	**Freight Elevator Door**	**Metal**	**Gray**	**1.44**	**Positive**
317	2nd Floor Northwest Mechanical Room	Stair Door	Wood	Gray	0.03	Negative
318	2nd Floor Northwest Mechanical Room	Stair Door Jamb	Wood	Gray	0.10	Negative
319	2nd Floor Northeast Store Room	South Wall	Drywall	Tan	0.10	Negative
320	2nd Floor Northeast Store Room	East Wall	Drywall	Tan	0.0	Negative

Paint Testing Results						
Sample	**Room**	**Component & Feature**	**Substrate**	**Color**	**PbC (mg/cm^2)**	**Result**
321	2nd Floor Northeast Store Room	West Wall	Plaster	Tan	0.03	Negative
322	2nd Floor Northeast Store Room	North Wall	Plaster	Tan	>0.04	Inconclusive
323	2nd Floor Northeast Store Room	Window Sash	Wood	Tan	0.18	Negative
324	2nd Floor Northeast Store Room	Window Sill	Wood	Tan	0.10	Negative
325	2nd Floor Northeast Store Room	Ceiling	Plaster	Tan	>0.02	Inconclusive
326	2nd Floor Northeast Mechanical Room	Door	Wood	Varnish	0.03	Negative
327	2nd Floor Northeast Mechanical Room	Door Jamb	Wood	Varnish	0.28	Negative
328	2nd Floor Northeast Mechanical Room	South Wall	Plaster	White	0.0	Negative
329	2nd Floor Northeast Mechanical Room	East Wall	Plaster	White	0.0	Negative
330	2nd Floor Northeast Mechanical Room	West Wall	Plaster	White	0.0	Negative
331	2nd Floor Northeast Show Room	Elevator Door	Metal	Brown	0.35	Negative
332	2nd Floor East Show Room	Column	Plaster	Pink	>0.10	Inconclusive
333	2nd Floor East Show Room	North Wall	Plaster	Pink	0.0	Negative
334	2nd Floor East Show Room	Ceiling	Plaster	Pink	0.0	Negative
335	2nd Floor East Show Room	West Wall	Plaster	Pink	>0.01	Inconclusive
336	2nd Floor East Show Room	Baseboard	Wood	Pink	0.01	Negative
337	2nd Floor North Center Office	East Wall	Drywall	Pink	0.0	Negative
338	2nd Floor East Show Room	East Wall	Plaster	Pink	>0.21	Inconclusive
339	2nd Floor East Show Room	East Wall	Wood	Pink	0.0	Negative
340	2nd Floor East Show Room	North Wall	Wood	Pink	0.0	Negative
341	2nd Floor East Show Room	South Floor	Wood	Varnish	0.08	Negative
342	2nd Floor East Show Room	South Wall	Drywall	Pink	0.09	Negative
343	2nd Floor South Center Mechanical	East Wall	Drywall	Pink	0.01	Negative
344	2nd Floor South Center Mechanical	North Wall	Drywall	Pink	0.05	Negative
345	2nd Floor South Center Mechanical	Door Jamb	Wood	Pink	0.0	Negative

Paint Testing Results						
Sample	**Room**	**Component & Feature**	**Substrate**	**Color**	**PbC (mg/cm^2)**	**Result**
346	2nd Floor South Center Mechanical	Door	Wood	Pink	0.0	Negative
347	2nd Floor South Center Stair	Newel Post	Wood	Pink	0.24	Negative
348	2nd Floor South Center Stair	North Wall	Drywall	Pink	0.25	Negative
349	2nd Floor South Center Stair	South Wall	Plaster	Pink	>0.31	Inconclusive
350	2nd Floor South Center Stair	Window Jamb	Wood	Beige	0.16	Negative
351	2nd Floor South Center Stair	Window Sash	Wood	Beige	0.09	Negative
352	2nd Floor East Stair	Newel Post	Wood	Pink	0.22	Negative
353	2nd Floor East Stair	Bannister	Wood	Varnish	0.15	Negative
354	2nd Floor East Stair	West Wall	Drywall	Pink	0.27	Negative
355	2nd Floor Northeast Office	South Wall	Plaster	Yellow	0.11	Negative
356	2nd Floor Northeast Office	East Wall	Plaster	Yellow	>0.28	Inconclusive
357	2nd Floor Northeast Office	North Wall	Plaster	Yellow	0.15	Negative
358	2nd Floor Northeast Office	West Wall	Plaster	Yellow	0.11	Negative
359	2nd Floor Northeast Office	Baseboard	Wood	Varnish	0.55	Negative
360	2nd Floor Northeast Office	Window Sill	Wood	Yellow	0.42	Negative
361	2nd Floor Northeast Office	Window Sash	Wood	Yellow	0.25	Negative
362	2nd Floor Northeast Office	Ceiling	Plaster	White	0.0	Negative
363	2nd Floor Northeast Women's Restroom	North Wall	Plaster	Pink	0.08	Negative
364	2nd Floor Northeast Women's Restroom	West Wall	Plaster	Pink	0.03	Negative
365	2nd Floor Northeast Women's Restroom	South Wall	Plaster	Pink	0.03	Negative
366	2nd Floor Northeast Women's Restroom	East Wall	Plaster	Pink	0.04	Negative
367	2nd Floor Northeast Women's Restroom	Floor	Ceramic	Green	0.01	Negative
368	2nd Floor Northeast Women's Restroom	Door	Wood	Varnish	0.18	Negative
369	2nd Floor Northeast Women's Restroom	Door Jamb	Wood	Varnish	0.02	Negative
370	2nd Floor Northeast Women's Restroom	Stall Wall	Metal	Pink	0.02	Negative

Paint Testing Results						
Sample	**Room**	**Component & Feature**	**Substrate**	**Color**	**PbC (mg/cm^2)**	**Result**
371	2nd Floor Northeast Women's Restroom	Ceiling	Plaster	Pink	0.0	Negative
372	**2nd Floor Northeast Men's Restroom**	**South Wall**	**Plaster**	**Beige**	**1.59**	**Positive**
373	**2nd Floor Northeast Men's Restroom**	**East Wall**	**Plaster**	**Beige**	**1.72**	**Positive**
374	2nd Floor Northeast Men's Restroom	West Wall	Plaster	Beige	0.97	Negative
375	**2nd Floor Northeast Men's Restroom**	**North Wall**	**Plaster**	**Beige**	**1.75**	**Positive**
376	2nd Floor Northeast Men's Restroom	Window Sash	Wood	Beige	0.37	Negative
377	2nd Floor Northeast Men's Restroom	Window Sill	Wood	Beige	0.36	Negative
378	2nd Floor Northeast Men's Restroom	Door	Wood	Varnish	0.06	Negative
379	2nd Floor Northeast Men's Restroom	Door Jamb	Wood	Varnish	0.38	Negative
380	2nd Floor Northeast Hall	North Wall	Plaster	Pink	0.01	Negative
381	2nd Floor Northeast Hall	South Wall	Wood	Pink	0.05	Negative
382	2nd Floor Northeast Hall	East Wall	Wood	Pink	0.0	Negative
383	2nd Floor Northeast Hall	West Wall	Wood	Pink	0.01	Negative
384	2nd Floor Northeast Hall	Ceiling	Wood	White	0.0	Negative
385	2nd Floor Northeast Hall	Baseboard	Wood	Varnish	0.0	Negative
386	Exterior	Southeast Door	Metal	Silver	0.01	Negative
387	Exterior	Southeast Wall Panel	Wood	Black	0.0	Negative
388	Exterior	South Center Window	Metal	Silver	0.01	Negative
389	Exterior	South Center Entry Soffit	Plaster	White	0.05	Negative
390	Exterior	Southeast Entry Soffit	Plaster	White	0.0	Negative
391	**Exterior**	**Northeast Door**	**Metal**	**Brown**	**1.07**	**Positive**
392	**Exterior**	**Northeast Window Sill**	**Wood**	**Brown**	**5.0**	**Positive**
393	**Exterior**	**North Center Door**	**Metal**	**Brown**	**5.0**	**Positive**
394	**Exterior**	**Northwest Window Sill**	**Wood**	**Brown**	**5.0**	**Positive**
395	Exterior	Southwest Entry Floor	Ceramic	Orange/Brown	0.07	Negative
396	1st Floor West Room	Floor	Wood	Varnish	0.01	Negative
Calibration		Calibration Standard	Paint Film	Red	1.14	Positive
Calibration		Calibration Standard	Paint Film	Red	1.11	Positive
Calibration		Calibration Standard	Paint Film	Red	1.12	Positive
Calibration		Calibration Blank	Paint Film	White	0.0	

10/30/19-10/31/19 Paint Chip Samples

Paint Testing Results						
Sample	**Room**	**Component & Feature**	**Substrate**	**Color**	**PbC (% Lead)**	**Result**
1L	1st Floor West Room	Sprinkler Pipe	Metal	White	0.0505	Negative
2L	1st Floor West Room	Ceiling	Plaster	White	0.00739	Negative
3L	1st Floor West Room	West Wall	Plaster	Gray Blue	0.0628	Negative
4L	1st Floor West Room	South Wall	Plaster	Gray Blue	0.114	Negative
5L	1st Floor West Room	East Wall	Plaster	Gray Blue	0.140	Negative
6L	1st Floor Southwest Closet	Door	Wood	White	0.129	Negative
7L	Southwest Mezzanine	Window Sash	Wood	Black	0.139	Negative
8L	Southwest Mezzanine	South Wall	Plaster	White	0.339	Negative
9L	Southwest Mezzanine	East Wall	Plaster	White	0.462	Negative
10L	1st Floor Northwest Stair	North Wall	Plaster	Off White	0.249	Negative
11L	1st Floor Northwest Stair	South Wall	Plaster	Off White	0.183	Negative
12L	1st Floor West Room	Window Sash	Wood	Blue/Green	0.126	Negative
13L	1st Floor North Center Room	West Wall	Plaster	Off White	0.0597	Negative
14L	1st Floor North Center Room	Ceiling	Plaster	Off White	0.0428	Negative
15L	1st Floor Northeast Room	Ceiling	Plaster	Off White	0.114	Negative
16L	1st Floor Northeast Room	North Wall	Plaster	Gray	0.279	Negative
17L	1st Floor East Show Room	Column	Plaster	Pink	0.0682	Negative
18L	1st Floor East Show Room	Center Stair West Wall	Plaster	Pink	0.0267	Negative
19L	East Basement Stair	East Wall	Plaster	Pink	0.0795	Negative
20L	Basement East Show Room	South Wall	Plaster	Pink	0.329	Negative
21L	Basement East Show Room	Ceiling	Plaster	White	0.128	Negative
22L	Basement Center Room	Column	Plaster	White	0.0116	Negative
23L	Basement West Room	North Wall	Plaster	White	0.255	Negative

Paint Testing Results						
Sample	**Room**	**Component & Feature**	**Substrate**	**Color**	**PbC (% Lead)**	**Result**
24L	**Basement West Room**	**Floor**	**Concrete**	**Red**	**1.50**	**Positive**
25L	**Basement West Room**	**Column**	**Plaster**	**White**	**0.12**	**Positive**
26L	Basement West Room	South Wall	Plaster	White	0.0745	Negative
27L	Northwest Mezzanine	East Wall	Plaster	White	0.0597	Negative
28L	Northwest Mezzanine	West Wall	Plaster	White	0.0458	Negative
29L	Southeast Mezzanine	South Wall	Plaster	White	0.114	Negative
30L	Southeast Mezzanine	Ceiling	Plaster	White	0.0843	Negative
31L	Southeast Mezzanine	East Wall	Plaster	White	0.223	Negative
32L	Northeast Mezzanine	East Wall	Plaster	Pink	0.299	Negative
33L	Northeast Mezzanine	Ceiling	Plaster	Pink	0.353	Negative
34L	Northeast Mezzanine	North Wall	Plaster	White	0.0843	Negative
35L	Northeast Mezzanine	Column	Plaster	Pink	0.205	Negative
36L	203	West Wall	Plaster	White	0.259	Negative
37L	200	South Wall	Plaster	White	0.0907	Negative
38L	202	East Wall	Plaster	White	0.337	Negative
39L	205	North Wall	Plaster	White	0.359	Negative
40L	207	North Wall	Plaster	White	0.290	Negative
41L	2nd Floor Northwest Women's Restroom	East Wall	Plaster	White	0.435	Negative
42L	2nd Floor Northwest Mechanical Room	Ceiling	Plaster	White	0.135	Negative
43L	2nd Floor Northeast Store Room	North Wall	Plaster	Tan	0.0653	Negative
44L	2nd Floor Northeast Store Room	Ceiling	Plaster	Tan	0.0103	Negative
45L	2nd Floor East Show Room	Column	Plaster	Pink	0.352	Negative
46L	2nd Floor East Show Room	West Wall	Plaster	Pink	0.0155	Negative
47L	2nd Floor East Show Room	East Wall	Plaster	Pink	0.284	Negative
48L	2nd Floor South Center Stair	South Wall	Plaster	Pink	0.385	Negative
49L	**2nd Floor Northeast Office**	**East Wall**	**Plaster**	**Yellow**	**0.657**	**Positive**
50L	**2nd Floor Northeast Office**	**Window Well**	**Wood**	**Brown**	**3.53**	**Positive**

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

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

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

In addition, for any areas of the building that will be converted to housing uses, U.S. EPA and Wisconsin DHS lead safe renovation procedures must be followed where lead based paint has been identified.

In addition, the Wisconsin Department of Natural Resources requires determination of lead based paint prior to disposal or recycling of building materials (Concrete Recycling and Disposal Fact Sheet WA-605 2004). According to the Concrete Recycling and Disposal Fact Sheet, building materials from remodeling or demolition debris that contain lead based paint are considered a solid waste, unless an exemption is obtained from the DNR (Form 4400-274).

IV. EXCLUSIONS

Floors in east side rooms water damaged and covered with ceiling debris – these areas were only partially accessible. North side windows barred – exterior sashes and wells limited access. South side mezzanine and 2nd floor windows jammed – exteriors and wells not accessible. Fright elevator interiors were not accessible. Sub-Basement boiler area flooded and accessible only at stair. **All surfaces in excluded area are assumed to be lead based painted or coated.**

The results are representative only of the specific painted locations that were sampled on the building. This report represents the condition of the building and its visible/accessible materials at the date and the times of the onsite inspection. Areas and materials that were hidden or not accessible are excluded, including surfaces within walls and floors and above ceilings. Hidden surfaces or those surfaces that could not be accessed at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the renovation contractor.

V. LIMITATIONS

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

This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Kenosha. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from KPH Environmental Corp

APPENDICES

A. PAINT CHIP SAMPLE LABORATORY RESULTS

Analysis Report

Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: KPH Environmental Corp. (5063)
Address: 1237 West Bruce Street
Milwaukee, WI 53204

Attn:

Project:
Location: Wisconsin
Number: 19-400-207

Order #: 345449

Matrix Paint
Received 11/04/19
Analyzed 11/05/19
Reported 11/05/19

PO Number:

Sample ID / Parameter	Cust. Sample ID	Location / Method	Sample Date	Weight / Total µg	% / Wt.	Conc.	RL*
345449-001	1L		10/30/19	325 mg			
Lead		EPA 7000B		164 µg	0.0505 %	505 mg/kg	30.8 mg/kg
345449-002	2L		10/30/19	311 mg			
Lead		EPA 7000B		23.0 µg	0.00739 %	73.9 mg/kg	32.2 mg/kg
345449-003	3L		10/30/19	325 mg			
Lead		EPA 7000B		204 µg	0.0628 %	628 mg/kg	30.8 mg/kg
345449-004	4L		10/30/19	330 mg			
Lead		EPA 7000B		378 µg	0.114 %	1140 mg/kg	30.3 mg/kg
345449-005	5L		10/30/19	302 mg			
Lead		EPA 7000B		423 µg	0.140 %	1400 mg/kg	33.1 mg/kg
345449-006	6L		10/30/19	267 mg			
Lead		EPA 7000B		343 µg	0.129 %	1290 mg/kg	37.5 mg/kg
345449-007	7L		10/30/19	323 mg			
Lead		EPA 7000B		450 µg	0.139 %	1390 mg/kg	31.0 mg/kg
345449-008	8L		10/30/19	315 mg			
Lead		EPA 7000B		1070 µg	0.339 %	3390 mg/kg	159 mg/kg
345449-009	9L		10/30/19	330 mg			
Lead		EPA 7000B		1530 µg	0.462 %	4620 mg/kg	152 mg/kg
345449-010	10L		10/30/19	336 mg			
Lead		EPA 7000B		835 µg	0.249 %	2490 mg/kg	59.5 mg/kg
345449-011	11L		10/30/19	323 mg			
Lead		EPA 7000B		591 µg	0.183 %	1830 mg/kg	61.9 mg/kg
345449-012	12L		10/30/19	328 mg			
Lead		EPA 7000B		412 µg	0.126 %	1260 mg/kg	30.5 mg/kg
345449-013	13L		10/30/19	342 mg			
Lead		EPA 7000B		204 µg	0.0597 %	597 mg/kg	29.2 mg/kg

Minimum reporting limit: 10.0 µg. All internal QC parameters were met. Unusual sample conditions, if any, are described. Do not reproduce this report except in full. Values are reported to three significant figures. PPM = mg/kg | PPB = µg/kg. The test results reported relate only to the samples submitted. AIHA-LAP, LLC accredited for Lead (Lab ID 100527).

Analysis Report

Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: KPH Environmental Corp. (5063)
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Attn:

Project:
Location: Wisconsin
Number: 19-400-207

Order #: 345449

Matrix Paint
Received 11/04/19
Analyzed 11/05/19
Reported 11/05/19

PO Number:

Sample ID / Parameter	Cust. Sample ID	Location / Method	Sample Date	Weight / Total µg	% / Wt.	Conc.	RL*
345449-014	14L		10/30/19	321 mg			
Lead		EPA 7000B		137 µg	0.0428 %	428 mg/kg	31.2 mg/kg
345449-015	15L		10/30/19	318 mg			
Lead		EPA 7000B		362 µg	0.114 %	1140 mg/kg	31.4 mg/kg
345449-016	16L		10/30/19	334 mg			
Lead		EPA 7000B		931 µg	0.279 %	2790 mg/kg	59.9 mg/kg
345449-017	17L		10/30/19	341 mg			
Lead		EPA 7000B		233 µg	0.0682 %	682 mg/kg	29.3 mg/kg
345449-018	18L		10/30/19	329 mg			
Lead		EPA 7000B		87.8 µg	0.0267 %	267 mg/kg	30.4 mg/kg
345449-019	19L		10/30/19	324 mg			
Lead		EPA 7000B		257 µg	0.0795 %	795 mg/kg	30.9 mg/kg
345449-020	20L		10/30/19	336 mg			
Lead		EPA 7000B		1110 µg	0.329 %	3290 mg/kg	149 mg/kg
345449-021	21L		10/30/19	332 mg			
Lead		EPA 7000B		425 µg	0.128 %	1280 mg/kg	30.1 mg/kg
345449-022	22L		10/30/19	345 mg			
Lead		EPA 7000B		40.2 µg	0.0116 %	116 mg/kg	29.0 mg/kg
345449-023	23L		10/30/19	337 mg			
Lead		EPA 7000B		858 µg	0.255 %	2550 mg/kg	59.3 mg/kg
345449-024	24L		10/30/19	317 mg			
Lead		EPA 7000B		4770 µg	1.50 %	15000 mg/kg	631 mg/kg
345449-025	25L		10/30/19	321 mg			
Lead		EPA 7000B		3590 µg	1.12 %	11200 mg/kg	312 mg/kg
345449-026	26L		10/30/19	320 mg			
Lead		EPA 7000B		238 µg	0.0745 %	745 mg/kg	31.3 mg/kg

Minimum reporting limit: 10.0 µg. All internal QC parameters were met. Unusual sample conditions, if any, are described. Do not reproduce this report except in full. Values are reported to three significant figures. PPM = mg/kg | PPB = µg/kg. The test results reported relate only to the samples submitted. AIHA-LAP, LLC accredited for Lead (Lab ID 100527).

Analysis Report

Schneider Laboratories Global, Inc

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804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: KPH Environmental Corp. (5063)
Address: 1237 West Bruce Street
Milwaukee, WI 53204

Attn:

Project:
Location: Wisconsin
Number: 19-400-207

Order #: 345449

Matrix Paint
Received 11/04/19
Analyzed 11/05/19
Reported 11/05/19

PO Number:

Sample ID / Parameter	Cust. Sample ID	Location / Method	Sample Date	Weight / Total µg	% / Wt.	Conc.	RL*
345449-027	27L		10/30/19	326 mg			
Lead		EPA 7000B		195 µg	0.0597 %	597 mg/kg	30.7 mg/kg
345449-028	28L		10/30/19	329 mg			
Lead		EPA 7000B		151 µg	0.0458 %	458 mg/kg	30.4 mg/kg
345449-029	29L		10/30/19	341 mg			
Lead		EPA 7000B		492 µg	0.144 %	1440 mg/kg	29.3 mg/kg
345449-030	30L		10/30/19	319 mg			
Lead		EPA 7000B		269 µg	0.0843 %	843 mg/kg	31.3 mg/kg
345449-031	31L		10/30/19	317 mg			
Lead		EPA 7000B		706 µg	0.223 %	2230 mg/kg	63.1 mg/kg
345449-032	32L		10/30/19	315 mg			
Lead		EPA 7000B		942 µg	0.299 %	2990 mg/kg	63.5 mg/kg
345449-033	33L		10/30/19	343 mg			
Lead		EPA 7000B		1210 µg	0.353 %	3530 mg/kg	146 mg/kg
345449-034	34L		10/30/19	326 mg			
Lead		EPA 7000B		275 µg	0.0843 %	843 mg/kg	30.7 mg/kg
345449-035	35L		10/30/19	329 mg			
Lead		EPA 7000B		675 µg	0.205 %	2050 mg/kg	60.8 mg/kg
345449-036	36L		10/30/19	349 mg			
Lead		EPA 7000B		904 µg	0.259 %	2590 mg/kg	57.3 mg/kg
345449-037	37L		10/30/19	330 mg			
Lead		EPA 7000B		299 µg	0.0907 %	907 mg/kg	30.3 mg/kg
345449-038	38L		10/30/19	323 mg			
Lead		EPA 7000B		1090 µg	0.337 %	3370 mg/kg	155 mg/kg

Sample duplicate and spike failed due to high concentration of anaylte requiring dilutions, results are valid and unaffected.

Minimum reporting limit: 10.0 µg. All internal QC parameters were met. Unusual sample conditions, if any, are described. Do not reproduce this report except in full. Values are reported to three significant figures. PPM = mg/kg | PPB = µg/kg. The test results reported relate only to the samples submitted. AIHA-LAP, LLC accredited for Lead (Lab ID 100527).

Analysis Report

Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: KPH Environmental Corp. (5063)
Address: 1237 West Bruce Street
Milwaukee, WI 53204

Attn:

Project:
Location: Wisconsin
Number: 19-400-207

Order #: 345449

Matrix Paint
Received 11/04/19
Analyzed 11/05/19
Reported 11/05/19

PO Number:

Sample ID / Parameter	Cust. Sample ID	Location / Method	Sample Date	Weight / Total µg	% / Wt.	Conc.	RL*
345449-039	39L		10/30/19	316 mg			
Lead		EPA 7000B		1130 µg	0.359 %	3590 mg/kg	158 mg/kg
345449-040	40L		10/30/19	310 mg			
Lead		EPA 7000B		900 µg	0.290 %	2900 mg/kg	64.5 mg/kg
345449-041	41L		10/30/19	333 mg			
Lead		EPA 7000B		1450 µg	0.435 %	4350 mg/kg	150 mg/kg
345449-042	42L		10/30/19	337 mg			
Lead		EPA 7000B		456 µg	0.135 %	1350 mg/kg	29.7 mg/kg
345449-043	43L		10/30/19	327 mg			
Lead		EPA 7000B		214 µg	0.0653 %	653 mg/kg	30.6 mg/kg
345449-044	44L		10/30/19	333 mg			
Lead		EPA 7000B		34.4 µg	0.0103 %	103 mg/kg	30.0 mg/kg
345449-045	45L		10/30/19	325 mg			
Lead		EPA 7000B		1140 µg	0.352 %	3520 mg/kg	154 mg/kg
345449-046	46L		10/30/19	320 mg			
Lead		EPA 7000B		49.7 µg	0.0155 %	155 mg/kg	31.3 mg/kg
345449-047	47L		10/30/19	338 mg			
Lead		EPA 7000B		961 µg	0.284 %	2840 mg/kg	59.2 mg/kg
345449-048	48L		10/30/19	342 mg			
Lead		EPA 7000B		1320 µg	0.385 %	3850 mg/kg	146 mg/kg
345449-049	49L		10/30/19	315 mg			
Lead		EPA 7000B		2070 µg	0.657 %	6570 mg/kg	159 mg/kg
		The Matrix Spike (MS) failed. The MS is a duplicate sample spiked with lead. Lead concentration required dilutions which decreased the spike in the MS below acceptance limits. Sample results are not affected by the failure and are accurate.					
345449-050	50L		10/30/19	335 mg			
Lead		EPA 7000B		11800 µg	3.53 %	35300 mg/kg	1190 mg/kg

Minimum reporting limit: 10.0 µg. All internal QC parameters were met. Unusual sample conditions, if any, are described. Do not reproduce this report except in full. Values are reported to three significant figures. PPM = mg/kg | PPB = µg/kg. The test results reported relate only to the samples submitted. AIHA-LAP, LLC accredited for Lead (Lab ID 100527).

Analysis Report

Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: KPH Environmental Corp. (5063)
Address: 1237 West Bruce Street
Milwaukee, WI 53204

Attn:

Project:
Location: Wisconsin
Number: 19-400-207

Order #: 345449

Matrix	Paint
Received	11/04/19
Analyzed	11/05/19
Reported	11/05/19

PO Number:

Sample ID	Cust. Sample ID	Location	Sample Date	Weight			
Parameter		Method		Total µg	% / Wt.	Conc.	RL*

Analyst: DLJ
345449-11/05/19 11:32 AM

Reviewed By: **Jennifer Lee**
Manager

Federal Lead Paint Statute

Location	Clearance	Unit
Lead in paint by weight	< 0.50	%
Lead in paint as PPM	< 5000	mg/kg

Minimum reporting limit: 10.0 µg. All internal QC parameters were met. Unusual sample conditions, if any, are described. Do not reproduce this report except in full. Values are reported to three significant figures. PPM = mg/kg | PPB = µg/kg. The test results reported relate only to the samples submitted. AIHA-LAP, LLC accredited for Lead (Lab ID 100527).

SCHNEIDER LABORATORIES GLOBAL, INC
2512 West Cary Street, Richmond, Virginia 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475
www.slabinc.com • info@slabinc.com

345449 X 50
V:\345\345449
fghraizi 11/4/2019 9:45:00 AM
UPS 1Z2E2899846 10148?

Submitting Co.	KPH Environmental Corp.	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ NO
1237 West Bruce Street		**Acct #**	5063	**Phone**	(414) 647-1530
Milwaukee, WI 53204		**Email**	dean.jacobsen@kphenvironmenmtal.com		
Project Name		**PO #**			
Project Location	Wisconsin	**Special Instructions:**			
Project Number	19-400-207				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☑ Paint
- ☐ Soil
- ☐ Wipe
- ☐ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☐ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Metals Total
- ☑ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
1L	10/30/19								
2L									
3L									
4L									
5L									
6L									
7L									
8L									
9L									
10L									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

[1]Type: A=Area, B=Blank, P=Personal, E=Excursion [2]Beginning/End of Sample Period [3]Liters/Minute [4]Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 11/1/19 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

SCHNEIDER LABORATORIES GLOBAL, INC.

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www.slabinc.com • info@slabinc.com

Submitting Co.	KPH Environmental Corp.	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ NO
1237 West Bruce Street		**Acct #**	5063	**Phone**	(414) 647-1530
Milwaukee, WI 53204		**Email**	dean.jacobsen@kphenvironmenmtal.com		
Project Name		**PO #**			
Project Location	Wisconsin	**Special Instructions:**			
Project Number	19-400-207				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☑ Paint
- ☐ Soil
- ☐ Wipe
- ☐ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk

- ☐ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air

- ☐ PCM
- ☐ PCM-B Rules

Metals Total

- ☑ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric

- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous

- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology

- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract

- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
11L	10/30/19								
12L	↓								
13L									
14L									
15L									
16L									
17L									
18L									
19L									
20L	↓								

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

[1]Type: A=Area, B=Blank, P=Personal, E=Excursion [2]Beginning/End of Sample Period [3]Liters/Minute [4]Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 11/1/19 700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

SCHNEIDER LABORATORIES GLOBAL, INC.

2512 West Cary Street, Richmond, Virginia 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475
www.slabinc.com • info@slabinc.com

Submitting Co.	KPH Environmental Corp.	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ NO
1237 West Bruce Street		**Acct #**	5063	**Phone**	(414) 647-1530
Milwaukee, WI 53204		**Email**	dean.jacobsen@kphenvironmenmtal.com		
Project Name		**PO #**			
Project Location	Wisconsin	**Special Instructions:**			
Project Number	19-400-207				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
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- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

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Matrix

- ☐ Air
- ☑ Paint
- ☐ Soil
- ☐ Wipe
- ☐ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☐ PLM
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- ☐ 400 Point Count
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Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Metals Total
- ☑ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous
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- ☐ _____

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
21L	10/30/19								
22L									
23L									
24L									
25L									
26L									
27L									
28L									
29L									
30L									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

[1]Type: A=Area, B=Blank, P=Personal, E=Excursion [2]Beginning/End of Sample Period [3]Liters/Minute [4]Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: Dean Jacobsen Date/Time 11/1/19 12:00

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

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www.slabinc.com • info@slabinc.com

Submitting Co.	KPH Environmental Corp.	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ NO
1237 West Bruce Street		**Acct #**	5063	**Phone**	(414) 647-1530
Milwaukee, WI 53204		**Email**	dean.jacobsen@kphenvironmenmtal.com		
Project Name		**PO #**			
Project Location	Wisconsin	**Special Instructions:**			
Project Number	19-400-207				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

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Matrix

- ☐ Air
- ☑ Paint
- ☐ Soil
- ☐ Wipe
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Asbestos in Air
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Metals Total
- ☑ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
31L	12/31/19								
32L									
33L									
34L									
35L									
36L									
37L									
38L									
39L									
40L									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

[1]Type: A=Area, B=Blank, P=Personal, E=Excursion [2]Beginning/End of Sample Period [3]Liters/Minute [4]Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 1/1/19 1200

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

Chain-of-Custody documentation continued internally. Terms and conditions page 2

SCHNEIDER LABORATORIES GLOBAL, INC.

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Submitting Co.	KPH Environmental Corp.	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ NO
1237 West Bruce Street		**Acct #**	5063	**Phone**	(414) 647-1530
Milwaukee, WI 53204		**Email**	dean.jacobsen@kphenvironmenmtal.com		
Project Name		**PO #**			
Project Location	Wisconsin	**Special Instructions:**			
Project Number	19-400-207				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

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Matrix

- ☐ Air
- ☑ Paint
- ☐ Soil
- ☐ Wipe
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- ☐ Waste Water
- ☐ Ground Water
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- ☐ TSP / PM10
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- ☐ PLM Qualitative
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- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air

- ☐ PCM
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Metals Total

- ☑ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric

- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous

- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology

- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
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Sub-Contract

- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
41L	10/31/19								
42L									
43L									
44L									
45L									
46L									
47L									
48L									
49L									
50L									

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

[1]Type: A=Area, B=Blank, P=Personal, E=Excursion [2]Beginning/End of Sample Period [3]Liters/Minute [4]Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 11/1/19 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

Chain-of-Custody documentation continued internally. Terms and conditions page 2

B. X-RAY FLUORESCENCE ANALYZER INFORMATION

National Institute of Standards & Technology

Certificate of Analysis

Standard Reference Material® 2573

Lead Paint Film
For Portable X-Ray Fluorescence Analyzers – Nominal 1.0 mg/cm^2
(Color Code: Red)

This Standard Reference Material (SRM) is intended for checking the calibration of portable, hand-held, x-ray fluorescence analyzers when testing for lead in paint coatings on interior and exterior building surfaces. A unit of SRM 2573 consists of a white polyester sheet, approximately 7.6 cm wide, 10.2 cm long, and 0.2 mm thick, coated with a single, red-colored paint layer, approximately 0.04 mm thick. A blank, SRM 2570, is also provided. The blank is coated with a lead-free, lacquer layer on a white polyester sheet of the same thickness as the lead paint samples. All sheets are over-coated with a clear, thin, plastic laminate to protect the surface from abrasion. SRM 2573 and SRM 2570 are two of a set of six paint films (SRM 2570 to SRM 2575) available as SRM 2579a.

The certified values for lead for this SRM and the blank, SRM 2570, are reported in Table 1 in units of mg/cm^2. These values are based on measurements by isotope dilution inductively-coupled plasma mass spectrometry.

Table 1. Certified Lead Values

Level	Color Code	Lead Concentration, in mg/cm^2
SRM 2570	White (Blank)	<0.001
SRM 2573	Red	1.040 ± 0.064

The uncertainty of each certified value is expressed as an expanded uncertainty, U, at the 95 % level of confidence and is calculated according to the method described in the ISO Guide [1,2]. Because of variability in the paint film between different sheets of each SRM, the uncertainties are 95 % prediction intervals. The expanded uncertainty is calculated as $U = ku_c$, where u_c is intended to represent, at the level of one standard deviation, the combined uncertainty due to material variability and measurement uncertainty. The coverage factor, k, is determined from the Student's t-distribution corresponding to the calculated effective degrees of freedom and 95 % level of confidence.

Expiration of Certification: The certification of SRM 2573 is valid, within the measurement uncertainties specified, until **01 July 2020**, provided the SRM is handled and stored in accordance with the instructions given in this certificate (see "Instructions for Use"). The certification is nullified if the SRM is damaged, contaminated, or otherwise modified.

Maintenance of SRM Certification: NIST will monitor this SRM over the period of its certification. If substantive technical changes occur that affect the certification before the expiration of this certificate, NIST will notify the purchaser. Registration (see attached sheet) will facilitate notification.

The overall direction and coordination of the analytical measurements leading to certification were performed by G.C. Turk and J.D. Fassett of the NIST Analytical Chemistry Division. Analytical measurements were performed by K.E. Murphy, J.R. Sieber, A.F. Marlow, L.J. Wood, P.R. Seo, and M. Lankosz of the NIST Analytical Chemistry Division. The SRM was fabricated under the direction of J.R. Sieber of the NIST Analytical Chemistry Division.

Stephen A. Wise, Chief
Analytical Chemistry Division

Robert L. Watters, Jr., Chief
Measurement Services Division

Gaithersburg, MD 20899
Certificate Issue Date: 24 March 2009
See Certificate Revision History on Last Page

Performance Characteristic Sheet

EFFECTIVE DATE: **December 1, 2006** **EDITION NO.: 1**

MANUFACTURER AND MODEL:

Make: ***Innov-X Systems, Inc.***
Models: ***LBP4000 with software version 1.4 and higher***
Source: ***X-ray tube***

FIELD OPERATION GUIDANCE

OPERATING PARAMETERS:

Inspection mode, variable reading time.

XRF CALIBRATION CHECK LIMITS:

1.0 to 1.1 mg/cm^2 (inclusive)

SUBSTRATE CORRECTION:

Not applicable

INCONCLUSIVE RANGE OR THRESHOLD:

INSPECTION MODE READING DESCRIPTION	SUBSTRATE	INCONCLUSIVE RANGE (mg/cm^2)
Results not corrected for substrate bias on any substrate	Brick	0.6 to 1.1
	Concrete	0.6 to 1.1
	Drywall	0.6 to 1.1
	Metal	0.6 to 1.1
	Plaster	0.6 to 1.1
	Wood	0.6 to 1.1

BACKGROUND INFORMATION

EVALUATION DATA SOURCE AND DATE:

This sheet is supplemental information to be used in conjunction with Chapter 7 of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* ("HUD Guidelines"). Performance parameters shown on this sheet are calculated from the EPA/HUD evaluation using archived building components. Testing was conducted on 146 test locations, with two separate instruments, in December 2005.

OPERATING PARAMETERS:

Performance parameters shown in this sheet are applicable only when properly operating the instrument using the manufacturer's instructions and procedures described in Chapter 7 of the HUD Guidelines.

XRF CALIBRATION CHECK:

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm^2 in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm^2 film).

If the average (rounded to 1 decimal place) of three readings is outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instrument into control before XRF testing proceeds.

SUBSTRATE CORRECTION VALUE COMPUTATION:

Chapter 7 of the HUD Guidelines provides guidance on correcting XRF results for substrate bias. Supplemental guidance for using the paint film nearest 1.0 mg/cm^2 for substrate correction is provided:

XRF results are corrected for substrate bias by subtracting from each XRF result a correction value determined separately in each house for single-family housing or in each development for multifamily housing, for each substrate. The correction value is an average of XRF readings taken over the NIST SRM paint film nearest to 1.0 mg/cm^2 at test locations that have been scraped bare of their paint covering. Compute the correction values as follows:

Using the same XRF instrument, take three readings on a bare substrate area covered with the NIST SRM paint film nearest 1 mg/cm^2. Repeat this procedure by taking three more readings on a second bare substrate area of the same substrate covered with the NIST SRM.

Compute the correction value for each substrate type where XRF readings indicate substrate correction is needed by computing the average of all six readings as shown below.

For each substrate type (the 1.02 mg/cm^2 NIST SRM is shown in this example; use the actual lead loading of the NIST SRM used for substrate correction):

Correction value = (1st + 2nd + 3rd + 4th + 5th + 6th *Reading*) / 6 - 1.02 mg/cm^2

Repeat this procedure for each substrate requiring substrate correction in the house or housing development.

EVALUATING THE QUALITY OF XRF TESTING:

Randomly select ten testing combinations for retesting from each house or from two randomly selected units in multifamily housing.

Conduct XRF re-testing at the ten testing combinations selected for retesting.

Determine if the XRF testing in the units or house passed or failed the test by applying the steps below.

Compute the Retest Tolerance Limit by the following steps:

Determine XRF results for the original and retest XRF readings. Do not correct the original or retest results for substrate bias. In single-family and multi-family housing, a result is defined as a single reading. Therefore, there will be ten original and ten retest XRF results for each house or for the two selected units.

Calculate the average of the original XRF result and the retest XRF result for each testing combination.

Square the average for each testing combination.

Add the ten squared averages together. Call this quantity C.

Multiply the number C by 0.0072. Call this quantity D.

Add the number 0.032 to D. Call this quantity E.

Take the square root of E. Call this quantity F.

Multiply F by 1.645. The result is the Retest Tolerance Limit.

Compute the average of all ten original XRF readings.

Compute the average of all ten re-test XRF readings.

Find the absolute difference of the two averages.

If the difference is less than the Retest Tolerance Limit, the inspection has passed the retest. If the difference of the overall averages equals or exceeds the Retest Tolerance Limit, this procedure should be repeated with ten new testing combinations. If the difference of the overall averages is equal to or greater than the Retest Tolerance Limit a second time, then the inspection should be considered deficient.

Use of this procedure is estimated to produce a spurious result approximately 1% of the time. That is, results of this procedure will call for further examination when no examination is warranted in approximately 1 out of 100 dwelling units tested.

TESTING TIMES:

For the variable-time inspection paint test mode, the instrument continues to read until it has determined whether the result is positive or negative (with respect to the 1.0 mg/cm^2 Federal standard), with 95% confidence. The following table provides testing time information for this testing mode.

Testing Times Using Variable Reading Time Inspection Mode (Seconds)						
	All Data			Median for laboratory-measured lead levels (mg/cm^2)		
Substrate	25th Percentile	Median	75th Percentile	Pb < 0.25	0.25 ≤ Pb < 1.0	1.0 ≤ Pb
Wood, Drywall	2.1	2.3	5.4	2.2	5.4	2.2
Metal	2.6	3.2	5.3	2.7	5.1	5.1
Brick, Concrete, Plaster	3.1	4.0	5.7	3.2	4.0	5.9

CLASSIFICATION OF RESULTS:

When an inconclusive range is specified on the *Performance Characteristic Sheet*, XRF results are classified as positive if they are greater than the upper boundary of the inconclusive range, negative if they are less than the lower boundary of the inconclusive range, or inconclusive if in between. The inconclusive range includes both its upper and lower bounds. If the instrument reads "> x mg/cm^2", the value "x" should be used for classification purposes, ignoring the ">". For example, a reading reported as ">1.0 mg/cm^2" is classified as 1.0 mg/cm^2, or inconclusive. When the inconclusive range reported in this PCS is used to classify the readings obtained in the EPA/HUD evaluation, the following False Positive, False Negative and Inconclusive rates are obtained:

FALSE POSITIVE RATE: 2.5% (2/80)

FALSE NEGATIVE RATE: 1.9% (4/212)

INCONCLUSIVE RATE: 16.4% (48/212)

DOCUMENTATION:

A document titled *Methodology for XRF Performance Characteristic Sheets* provides an explanation of the statistical methodology used to construct the data in the sheets, and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. For a copy of this document call the National Lead Information Center Clearinghouse at 1-800-424-LEAD.

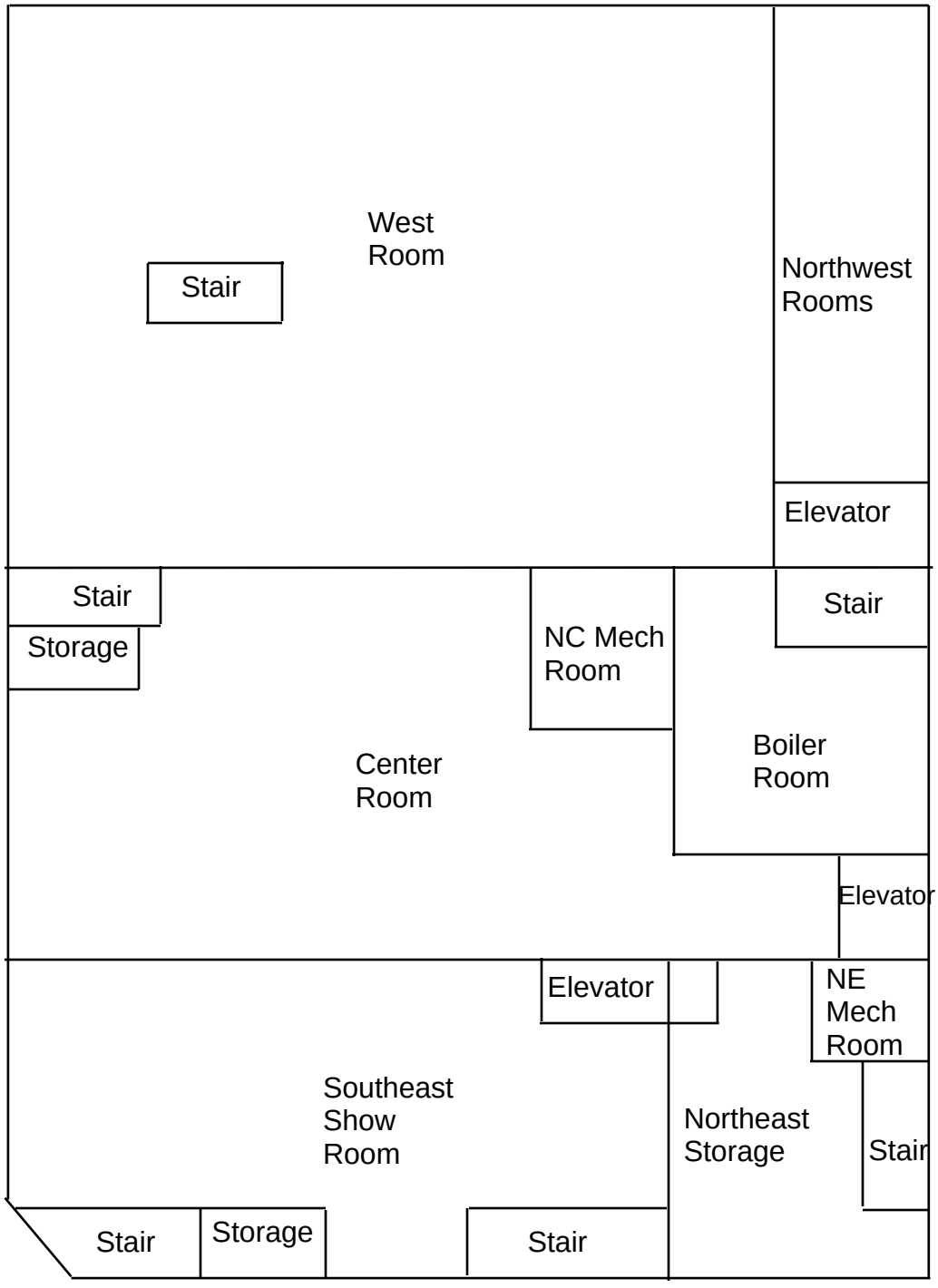
This XRF Performance Characteristic Sheet was developed by the Midwest Research Institute (MRI) and QuanTech, Inc., under a contract between MRI and the XRF manufacturer. XRF Performance Characteristic Sheets were originally developed by the MRI under a grant from the U. S. Environmental Protection Agency and the U.S. Department of Housing and Urban Development. HUD has determined that the information provided here is acceptable when used as guidance in conjunction with Chapter 7, Lead-Based Paint Inspection, of HUD's *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*.

C. FLOOR PLANS

Commercial Building
702 58th Street
Kenosha, Wisconsin

N

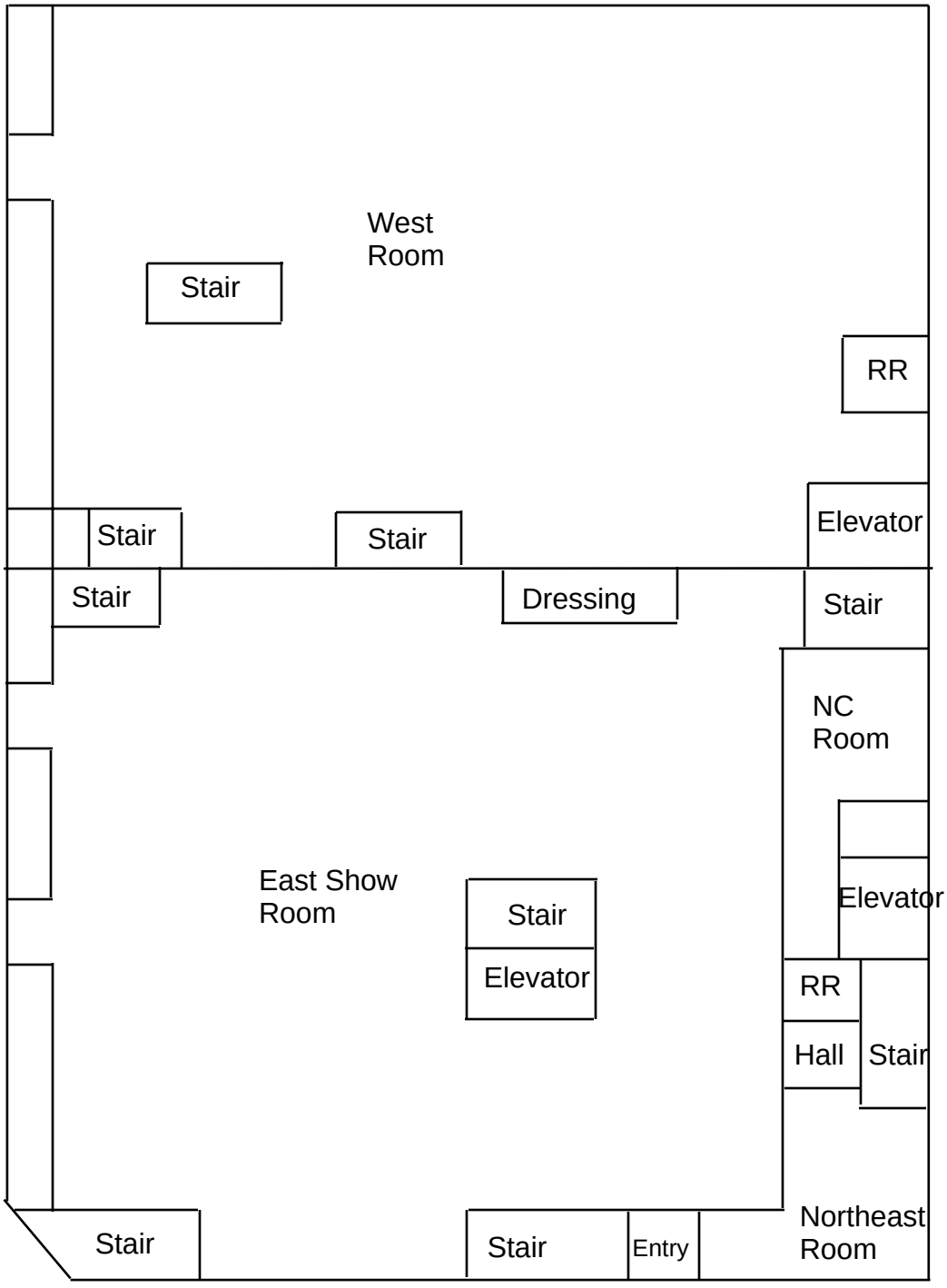
Basement Floor Plan



Commercial Building
702 58th Street
Kenosha, Wisconsin

N

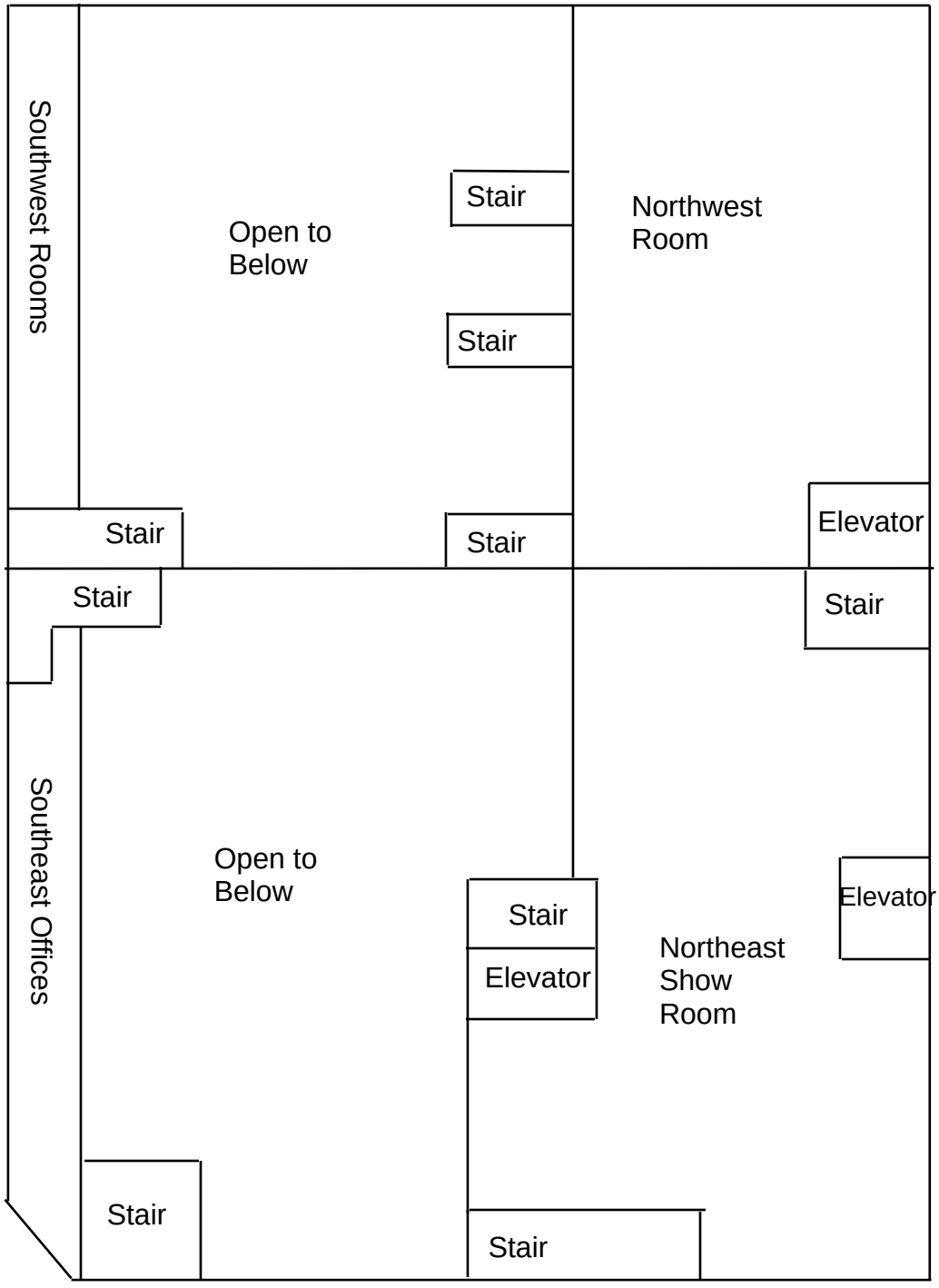
1st Floor Plan



Commercial Building
702 58th Street
Kenosha, Wisconsin

N

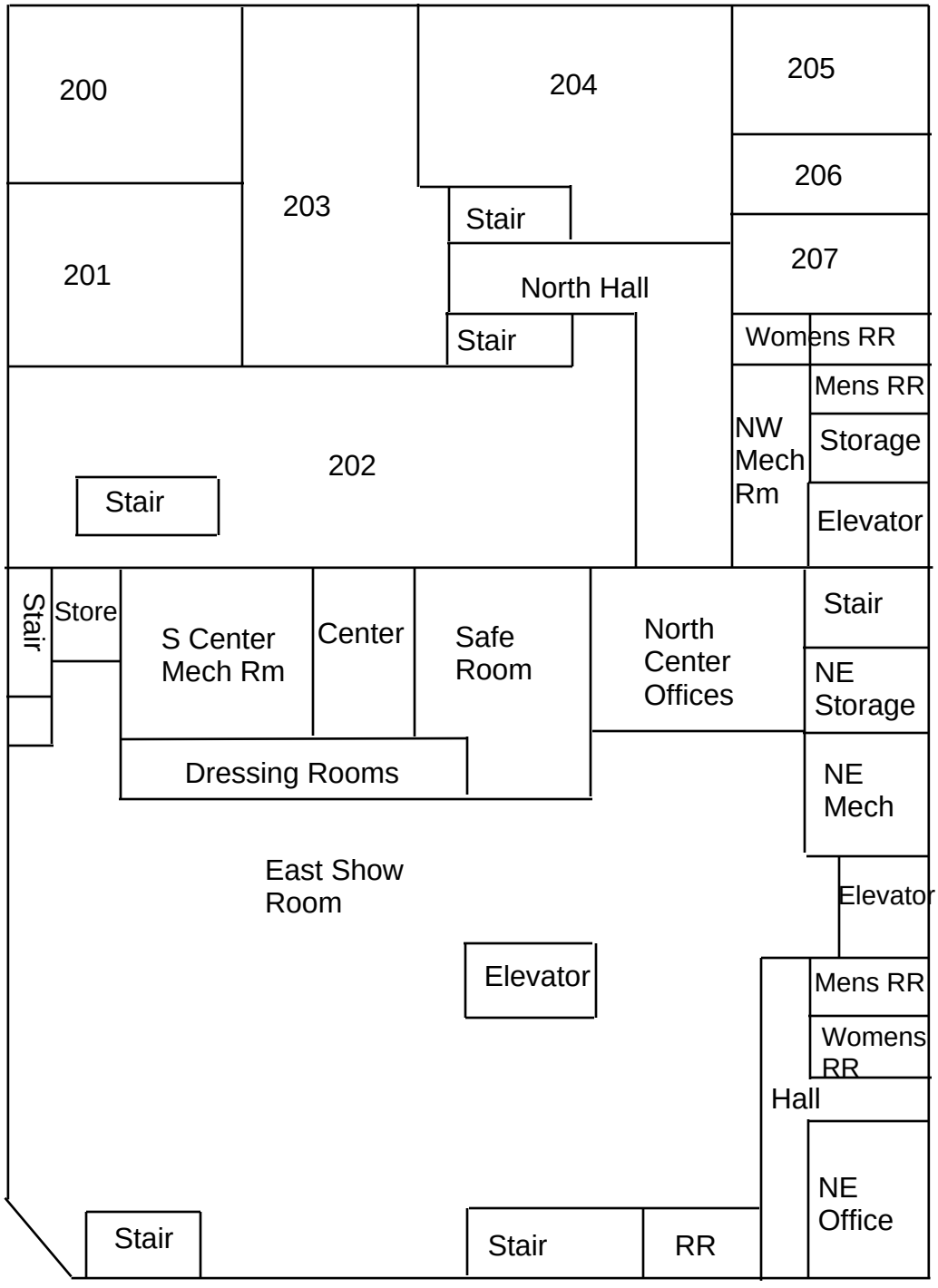
Mezzanine Floor Plan



Commercial Building
702 58th Street
Kenosha, Wisconsin

N

2nd Floor Plan



D. KPH CERTIFICATION

Company Certificate

This certifies that

KPH ENVIRONMENTAL CORPORATION

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

is certified under ch. DHS 163, Wis.Adm.Code as a

Lead Company

Certificate Issue Date: 03/14/2019
Expiration Date: 04/28/2021, 12:01 a.m.
Certification #: DHS-1432180

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

Shelley A Bruce

Shelley A Bruce,
Unit Supervisor

Scott Walker
Governor

Linda Seemeyer
Secretary

November 20, 2018

State of Wisconsin
Department of Health Services

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

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

DEAN T JACOBSEN
W131S6781 KIPLING DR
MUSKEGO WI 53150-3401

ID# LRA-14370

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

Follow Wisconsin law by making sure that you:

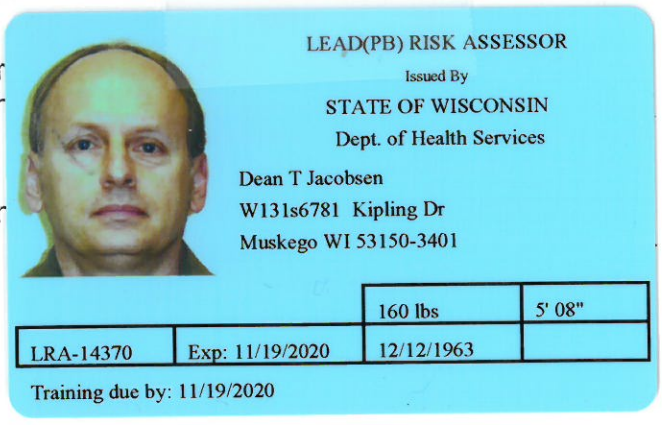
1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos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

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

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

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

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



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PRE-RENOVATION INSPECTION REPORT
Job Site:

Commercial Building
702 58th Street
Kenosha, Wisconsin

For:

City of Kenosha
Department of Community Development and Inspections
Municipal Building, Room 308
325 52nd Street
Kenosha, Wisconsin 53140

KPH Project # 19-400-207

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

KPH Environmental
1237 West Bruce Street
Milwaukee, Wisconsin 53204

August 2019

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Pre-Renovation Inspection Report
702 58th Street
Kenosha, Wisconsin

EXECUTIVE SUMMARY

KPH Environmental Corp (KPH), was retained by the City of Kenosha Department of Community Development and Inspections to conduct an inspection of the commercial building at 702 58th Street, Kenosha, Wisconsin, prior to renovation. KPH conducted a visual inspection for asbestos and universal wastes. KPH collected asbestos bulk samples for laboratory analysis.

Asbestos was detected above the regulatory level of 1% in aircell pipe insulation, magnesia pipe insulation, fittings, floor tile and mastic on all floors, gaskets, elevator penthouse control panels, and roof flashing. Asbestos was detected below 1% in exterior window caulk, east show room floor tile mastic, and basement west room floor tile. Asbestos containing materials were assumed to be in the safes and electrical boxes Asbestos was not detected in any other material that was sampled. Results are in Section II of this report.

Under state and federal laws if the ACMs will be removed they must be abated by Wisconsin certified asbestos abatement personnel, following Occupational Safety and Health Administration (OSHA) worker protection requirements. In addition, the Wisconsin Department of Natural Resources (WDNR) notification requirements would apply prior to the start of asbestos abatement. U.S. Occupational Safety and Health Administration requirements in 29 CFR 1926.1101 must be followed if the materials containing less than 1% asbestos will be removed during renovation.

Universal wastes and other hazardous material were also observed outside the building, and are summarized in Section IV of this report.

I. INTRODUCTION

KPH Environmental Corp., (KPH) was retained by the City of Kenosha Department of Community Development and Inspections to conduct a pre-renovation inspection of the commercial building at 702 58th Street, Kenosha, Wisconsin, for the following:

- Suspect asbestos containing materials
- Universal wastes such as refrigerators, light bulbs and PCB containing light fixture ballasts

Zohrab Khaligian, the City of Kenosha, authorized KPH to conduct an inspection and to analyze samples collected during the inspection. The inspection of the building at 702 58th Street, Kenosha, Wisconsin, was conducted on July 9 and 15, 2019, to cover the items listed above. The inspection was conducted by Dean Jacobsen, Wisconsin Asbestos Inspector License No. 14370. Additional information on the inspection and results are contained in the following sections.

II. ASEBSTOS INSPECTION

A. Methods

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

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

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

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

B. List of Suspect Asbestos Containing Materials

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

- Caulk
- Ceramic tile
- Aircell pipe insulation
- False brick
- Drywall/joint compound
- Floor tile
- Plaster
- Pipe insulation fittings
- Fiberboard
- Floor filler
- Ceramic block
- Linoleum
- Duct connector
- Window glazing compound
- Tar paper

- Asphalt roofing
- Roof flashing
- Transite
- Vinyl wallbase
- Duct wrap
- Stucco
- Gaskets
- Magnesia pipe insulation
- Cardboard pipe insulation
- Brick mortar
- Mastics

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

C. The Laboratory

Samples were analyzed at Schneider Laboratories Global, Inc., for total asbestos content by volume using EPA Method 600/M4/82/020, 600/R-93/116. Analysis is performed by using the bulk samples for visual observation and slide preparation(s) for microscopical examination and identification. The slides are analyzed for asbestos (chrysotile, amosite, crodcidolite, anthophyllite, and actinolite/ tremolite), fibrous non asbestos constituents (mineral wool, paper, etc.), and nonfibrous constituents. Asbestos is identified by refractive indices (obtained by using dispersion staining), morphology, color, pleochroism, birefringence, extinction characteristics, and signs of elongation. The same characteristics are used to identify the non asbestos constituents.

The microscopist visually estimates relative amounts of each constituent using a stereoscope if necessary. The test results are based on a visual determination of relative volume of the bulk sample components. The results are valid only for the item tested.

Current regulations state asbestos containing materials (ACM) means material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763 Section I, Polarized Light Microscopy. Bold values indicate that the material contains more than 1% asbestos. Negative results indicate that no asbestos was detected.

D. Samples and Results

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

Sample #	Location and Description	Results	Homogeneous Code
1A-702	Exterior – on southwest picture window – clear caulk	Negative	MCLKc
1B-702	Exterior – on southeast picture window – clear caulk	Negative	MCLKc
1C-702	Exterior – on south center picture window – clear caulk	Negative	MCLKc
2A-702a	Exterior – on south center wall lower portion – gray ceramic tile	Negative	MCTMy

Sample #	Location and Description	Results	Homogeneous Code
2A-702b	Exterior – on south center wall lower portion – grout	Negative	MCTMy
2A-702c	Exterior – on south center wall lower portion – under gray ceramic tile – tan mastic	Negative	MCTMy
2B-702a	Exterior – on southeast wall lower portion – gray ceramic tile	Negative	MCTMy
2B-702b	Exterior – on southeast wall lower portion – grout	Negative	MCTMy
2B-702c	Exterior – on southeast wall lower portion – under gray ceramic tile – tan mastic	Negative	MCTMy
2C-702a	Exterior – on east wall lower portion – gray ceramic tile	Negative	MCTMy
2C-702b	Exterior – on east wall lower portion – grout	Negative	MCTMy
2C-702c	Exterior – on east wall lower portion – under gray ceramic tile – tan mastic	Negative	MCTMy
3A-702	Exterior – around southeast picture window – white caulk	Positive 2% Chrysotile	MCLKw
3A-702	Point Count Result	Trace 0.5% Chrysotile	MCLKw
3B-702	Not Analyzed Due to Prior Positive Sample	N/A	MCLKw
3C-702	Not Analyzed Due to Prior Positive Sample	N/A	MCLKw
4A-702	**1st floor – west room – in northwest corner – aircell pipe insulation**	**Positive 60% Chrysotile**	**TA**
4B-702	Not Analyzed Due to Prior Positive Sample	N/A	TA
4C-702	Not Analyzed Due to Prior Positive Sample	N/A	TA
5A-702a	1st floor – northwest restroom – on outside wall – false brick	Negative	MFBR
5A-702b	1st floor – northwest restroom – on outside wall – under false brick – black mastic	Negative	MFBR
6A-702a	1st floor – northwest restroom – east wall – drywall	Negative	MDW
6A-702b	1st floor – northwest restroom – east wall – joint compound	Negative	MDW
6B-702a	2nd floor – room 200 – east wall – drywall	Negative	MDW
6B-702b	2nd floor – room 200 – east wall – joint compound	Negative	MDW
6C-702a	2nd floor – north center mechanical room – east wall – drywall	Negative	MDW
6C-702b	2nd floor – north center mechanical room – east wall – joint compound	Negative	MDW
7A-702a	1st floor – northwest restroom – on south wall – red ceramic tile	Negative	MCTMr
7A-702b	1st floor – northwest restroom – on south wall – under red ceramic tile – tan mastic	Negative	MCTMr
8A-702a	1st floor – northwest restroom – 12” beige and pink floor tile	Negative	MF12ep
8A-702b	1st floor – northwest restroom – under 12” beige and pink floor tile – tan mastic	Negative	MF12ep
10A-702a	1st floor – south center closet near stair – 12” brown floor tile	Negative	MF12n
10A-702b	1st floor – south center closet near stair – under 12” brown floor tile – brown mastic	Negative	MF12n
11A-702a	1st floor – north center room – 9” tan and gray floor tile	Negative	MF9ty
11A-702b	**1st floor – north center room – under 9” tan and gray floor tile – black mastic**	**Positive 4% Chrysotile**	**MF9ty**
11B-702a	1st floor – northeast hall – 9” tan and gray floor tile	Negative	MF9ty

Sample #	Location and Description	Results	Homogeneous Code
11B-702b	Not Analyzed Due to Prior Positive Sample	N/A	MF9ty
11C-702a	1st floor – east show room – top layer – 9" tan and gray floor tile	Negative	MF9ty
11C-702b	Not Analyzed Due to Prior Positive Sample	N/A	MF9ty
12A-702a	1st floor – north center room – ceiling – plaster base coat	Negative	SPl
12A-702b	1st floor – north center room – ceiling – plaster skim coat	Negative	SPl
12B-702a	1st floor – east show room – south ceiling – plaster base coat	Negative	SPl
12B-702b	1st floor – east show room – south ceiling – plaster skim coat	Negative	SPl
12C-702a	1st floor – west room – north center column – plaster base coat	Negative	SPl
12C-702b	1st floor – west room – north center column – plaster skim coat	Negative	SPl
12D-702a	Mezzanine – southeast offices – ceiling – plaster base coat	Negative	SPl
12D-702b	Mezzanine – southeast offices – ceiling – plaster skim coat	Negative	SPl
12E-702a	2nd floor – room 200 – ceiling – plaster base coat	Negative	SPl
12E-702b	2nd floor – room 200 – ceiling – plaster skim coat	Negative	SPl
12F-702a	2nd floor – north center storage room – ceiling – plaster base coat	Negative	SPl
12F-702b	2nd floor – north center storage room – ceiling – plaster skim coat	Negative	SPl
12G-702a	Basement – center room – north column – plaster base coat	Negative	SPl
12G-702b	Basement – center room – north column – plaster skim coat	Negative	SPl
13A-702a	1st floor – northeast restroom floor – green and blue ceramic tile	Negative	MCTMgb
13A-702b	1st floor – northeast restroom floor – grout/mortar	Negative	MCTMgb
13B-702a	1st floor – northeast womens restroom floor – green and blue ceramic tile	Negative	MCTMgb
13B-702b	2nd floor – northeast womens restroom floor – grout/ mortar	Negative	MCTMgb
14A-702a	1st floor – northeast restroom wallbase – white ceramic tile	Negative	MCTMw
14A-702b	1st floor – northeast restroom wallbase – grout/mortar	Negative	MCTMw
14B-702a	Mezzanine – north center restroom wallbase – white ceramic tile	Negative	MCTMw
14B-702b	Mezzanine – north center restroom wallbase – grout/ mortar	Negative	MCTMw
14C-702a	2nd floor – northwest womens restroom wallbase – white ceramic tile	Negative	MCTMw
14C-702b	2nd floor – northwest womens restroom wallbase – grout/ mortar	Negative	MCTMw
15A-702	1st floor – northeast entry – in pipe shaft – fiberboard/tar	Negative	MFB
15B-702a	**1st floor – northeast entry – in pipe shaft – <5" diameter pipe insulation fitting**	**Positive 5% Chrysotile**	**TF5**
15B-702b	1st floor – northeast entry – in pipe shaft – cloth cover on pipe insulation fitting	Negative	TF5

Sample #	Location and Description	Results	Homogeneous Code
15C-702a	Not Analyzed Due to Prior Positive Sample	N/A	TF5
15C-702b	Mezzanine – near south center stairs – cloth cover on pipe insulation fitting	Negative	TF5
16A-702a	**2nd floor – north center mechanical room – <5" diameter pipe insulation fitting**	**Positive 5% Chrysotile**	**TF5**
16A-702b	2nd floor – north center mechanical room – cloth cover on pipe insulation fitting	Negative	TF5
17A-702a	1st floor – east show room – southwest 2nd layer – on 9" brown floor tile – black mastic	Negative	MF9n
17A-702b	1st floor – east show room – southwest 2nd layer – 9" brown floor tile	Positive 2% Chrysotile	MF9n
17A-702b	Point Count Result	Trace 0.25% Chrysotile	MF9n
17A-702c	1st floor – east show room – southwest 2nd layer – under 9" brown floor tile – black mastic	Positive 2% Chrysotile	MF9n
17A-702c	Point Count Result	Trace 0.75% Chrysotile	MF9n
17B-702a	Not Analyzed Due to Prior Positive Sample	N/A	MF9n
17B-702b	Not Analyzed Due to Prior Positive Sample	N/A	MF9n
17C-702a	1st floor – east show room – northeast 2nd layer – on 9" brown floor tile – black mastic	Negative	MF9n
17C-702b	Not Analyzed Due to Prior Positive Sample	N/A	MF9n
17C-702c	Not Analyzed Due to Prior Positive Sample	N/A	MF9n
18A-702	floor – east show room – southwest 3rd layer – beige floor tiller	Negative	MFF
18B-702	floor – east show room – southeast 3rd layer – beige floor tiller	Negative	MFF
18C-702	floor – east show room – northeast 3rd layer – beige floor tiller	Negative	MFF
19A-702a	1st floor – east show room – south center column under plaster – red ceramic block	Negative	MCBL
19A-702b	1st floor – east show room – south center column under plaster – mortar	Negative	MCBL
19B-702a	1st floor – west room – north center column under plaster – red ceramic block	Negative	MCBL
19B-702b	1st floor – west room – north center column under plaster – mortar	Negative	MCBL
19C-702a	2nd floor – room 201 – south wall under plaster – red ceramic block	Negative	MCBL
19C-702b	2nd floor – room 201 – south wall under plaster – mortar	Negative	MCBL
20A-702a	1st floor – southwest stair to mezzanine – on steps – brown linoleum	Negative	MFLn
20A-702b	1st floor – southwest stair to mezzanine – on steps – under brown linoleum – brown mastic	Negative	MFLn
20B-702a	1st floor – northwest stair to mezzanine – on steps – brown linoleum	Negative	MFLn
20B-702b	1st floor – northwest stair to mezzanine – on steps – under brown linoleum – brown mastic	Negative	MFLn
20C-702a	2nd floor – south center stair to mezzanine – on steps – brown linoleum	Negative	MFLn

Sample #	Location and Description	Results	Homogeneous Code
20C-702b	2nd floor – south center stair to mezzanine – on steps – under brown linoleum – brown mastic	Negative	MFLn
21A-702	Mezzanine – southwest mechanical room – on air handler – duct connector	Negative	TFC
21B-702	2nd floor – northwest mechanical room – on air handler – duct connector	Negative	TFC
21C-702	Basement – west room – on air handler – duct connector	Negative	TFC
22A-702	Mezzanine – southwest mechanical room – on duct corners – beige caulk	Negative	MCLKe
23A-702a	Mezzanine – northwest area – near northwest corner – brown and black linoleum	Negative	MFLnk
23A-702b	Mezzanine – northwest area – near northwest corner – under brown and black linoleum – brown mastic	Negative	MFLnk
24A-702a	Mezzanine – northwest area – north center – 9" tan and black floor tile	Negative	MF9tk
24A-702b	Mezzanine – northwest area – north center – under 9" tan and black floor tile – brown mastic	Negative	MF9tk
25A-702a	2nd floor – north center storage room – 9" tan and brown floor tile	Negative	MF9tn
25A-702b	**2nd floor – north center storage room – under 9" tan and brown floor tile – black mastic**	**Positive 4% Chrysotile**	**MF9tn**
25B-702a	Mezzanine – southeast offices – south center room top layer – 9" tan and brown floor tile	Negative	MF9tn
25B-702b	Not Analyzed Due to Prior Positive Sample	N/A	MF9tn
25B-702c	**Mezzanine – southeast offices – south center room 2nd layer – on 9" black floor tile – black mastic**	**Positive 4% Chrysotile**	**MF9k**
25B-702d	**Mezzanine – southeast offices – south center room 2nd layer – 9" black floor tile**	**Positive 2% Chrysotile**	**MF9k**
25B-702e	**Mezzanine – southeast offices – south center room 2nd layer – under 9" black floor tile – black mastic**	**Positive 5% Chrysotile**	**MF9k**
25C-702a	Mezzanine – southeast offices – east room top layer – 9" tan and brown floor tile	Negative	MF9tn
25C-702b	Not Analyzed Due to Prior Positive Sample	N/A	MF9tn
25C-702c	Not Analyzed Due to Prior Positive Sample	N/A	MF9k
25C-702d	Not Analyzed Due to Prior Positive Sample	N/A	MF9k
25C-702e	Not Analyzed Due to Prior Positive Sample	N/A	MF9k
26A-702a	Mezzanine – northeast show room – west side top layer – 9" tan and brown floor tile	Negative	MF9t
26A-702b	**Mezzanine – northeast show room – west side top layer – under 9" tan brown floor tile – black mastic**	**Positive 4% Chrysotile**	**MF9tn**
26A-702c	**Mezzanine – northeast show room – west side 2nd layer – on 9" brown and red floor tile – black mastic**	**Positive 4% Chrysotile**	**MF9nr**
26A-702d	**Mezzanine – northeast show room – west side 2nd layer – 9" brown and red floor tile**	**Positive 2% Chrysotile**	**MF9nr**
26A-702e	**Mezzanine – northeast show room – west side 2nd layer – under 9" brown and red floor tile – black mastic**	**Positive 5% Chrysotile**	**MF9nr**
26B-702a	Mezzanine – northeast show room – northwest corner top layer – 9" tan floor tile	Negative	MF9t
26B-702b	Not Analyzed Due to Prior Positive Sample	N/A	MF9t
26B-702c	Not Analyzed Due to Prior Positive Sample	N/A	MF9nr

Sample #	Location and Description	Results	Homogeneous Code
26B-702d	Not Analyzed Due to Prior Positive Sample	N/A	MF9nr
26B-702e	Not Analyzed Due to Prior Positive Sample	N/A	MF9nr
27A-702a	Mezzanine – north center restroom floor – cream ceramic tile	Negative	MCTMc
27A-702b	Mezzanine – north center restroom floor – grout/mortar	Negative	MCTMc
27B-702a	2nd floor – northwest womens restroom floor – cream ceramic tile	Negative	MCTMc
27B-702b	2nd floor – northwest womens restroom floor – grout/ mortar	Negative	MCTMc
27C-702a	2nd floor – northwest mens restroom floor – cream ceramic tile	Negative	MCTMc
27C-702b	2nd floor – northwest mens restroom floor – grout/mortar	Negative	MCTMc
28A-702a	1st floor – east center elevators – tan and gray linoleum	Negative	MFLty
28A-702b	1st floor – east center elevators – under tan and gray linoleum – tan mastic	Negative	MFLty
29A-702	2nd floor – room 202 – on south window – glazing compound	Negative	MPG
29B-702	Mezzanine – northwest area – on north window – glazing compound	Negative	MPG
29C-702	1st floor – exterior – on north window – glazing compound	Negative	MPG
30A-702	2nd floor – room 207 – south on floor – tar paper	Negative	MPT
30B-702	2nd floor – room 207 – center on floor – tar paper	Negative	MPT
30B-702	2nd floor – room 207 – north on floor – tar paper	Negative	MPT
31A-702a	2nd floor – northwest storage room – southeast under carpet – brown and gold linoleum	Negative	MFLnd
31A-702b	2nd floor – northwest storage room – southeast under brown and gold linoleum – tan mastic	Negative	MFLnd
31B-702a	2nd floor – northeast storage room – southeast under carpet – brown and gold linoleum	Negative	MFLnd
31B-702b	2nd floor – northeast storage room – southeast under brown and gold linoleum – tan mastic	Negative	MFLnd
31C-702a	2nd floor – southwest storage room – southeast under carpet – brown and gold linoleum	Negative	MFLnd
31C-702b	2nd floor – southwest storage room – southeast under brown and gold linoleum – tan mastic	Negative	MFLnd
32A-702	2nd floor – north center mechanical room – on duct near door – white duct wrap	Negative	TDW
32B-702	Basement – northeast mechanical room – on duct near door – white duct wrap	Negative	TDW
32C-702	Basement – north center mechanical room – on duct near door – white duct wrap	Negative	TDW
33A-702a	West Roof – north center top layer – black membrane/tar	Negative	MRM
33A-702b	West Roof – north center 2nd layer – tar/tar paper #2	Negative	MRM
33A-702c	West Roof – north center bottom layer – black tar	Negative	MRM
33B-702a	West Roof – northwest top layer – black membrane/tar	Negative	MRM
33B-702b	West Roof – northwest 2nd layer – tar/tar paper #2	Negative	MRM
33B-702c	West Roof – northwest bottom layer – black tar	Negative	MRM
33A-702a	West Roof – southwest top layer – black membrane/tar	Negative	MRM
33A-702b	West Roof – southwest 2nd layer – tar/tar paper #2	Negative	MRM
33A-702c	West Roof – southwest bottom layer – black tar	Negative	MRM

Sample #	Location and Description	Results	Homogeneous Code
34A-702a	**West Roof – on north center air handler – gray flashing**	**Positive 10% Chrysotile**	**MRFy**
34A-702b	Not Analyzed Due to Prior Positive Sample	N/A	MRFy
34A-702c	Not Analyzed Due to Prior Positive Sample	N/A	MRFy
35A-702a	West Roof – on north center edge – black flashing	Negative	MRFk
35A-702b	West Roof – on northwest edge – black flashing	Negative	MRFk
35A-702c	West Roof – on southwest edge – black flashing	Negative	MRFk
36A-702a	West Roof – north wall coping – brown ceramic tile	Negative	MCTMn
36A-702b	West Roof – north wall coping – mortar	Negative	MCTMn
36B-702a	West Roof – northwest wall coping – brown ceramic tile	Negative	MCTMn
36B-702b	West Roof – northwest wall coping – mortar	Negative	MCTMn
36C-702a	West Roof – southwest wall coping – brown ceramic tile	Negative	MCTMn
36C-702b	West Roof – southwest wall coping – mortar	Negative	MCTMn
37A-702	West Roof – northwest elevator penthouse – dark gray elevator control panel	Negative	MECP
38A-702	West Roof – north center on metal stack – silver caulk	Negative	MCLKs
39A-702	West Roof – northwest elevator penthouse exterior wall – stucco	Negative	STC
39B-702	East Roof – northeast elevator penthouse exterior wall – stucco	Negative	STC
39C-702	East Roof – east center elevator penthouse exterior wall – stucco	Negative	STC
40A-702	East Roof – north center on pipe from air handler – brown gasket	Negative	TGK
40B-702	**2nd floor – northwest hall – northeast corner on pipe near ceiling – gray gasket**	**Positive 60% Chrysotile**	**TGK**
41A-702a	East Roof – northwest corner top layer – silver roof membrane/tar	Negative	MRM2
41A-702b	East Roof – northwest corner 2nd layer – black tar/tar paper	Negative	MRM2
41A-702c	East Roof – northwest corner 3rd layer – black paper/ mastic	Negative	MRM2
41B-702a	East Roof – southwest corner top layer – silver roof membrane/tar	Negative	MRM2
41B-702b	East Roof – southwest corner 2nd layer – black tar/tar paper	Negative	MRM2
41C-702c	East Roof – southwest corner 3rd layer – black paper/ mastic	Negative	MRM2
41C-702a	East Roof – southeast corner top layer – silver roof membrane/tar	Negative	MRM2
41C-702b	East Roof – southeast corner 2nd layer – black tar/tar paper	Negative	MRM2
41C-702c	East Roof – southeast corner 3rd layer – black paper/ mastic	Negative	MRM2
42A-702	**East Roof – northeast elevator penthouse on elevator control panel – black transite board**	**Positive 20% Chrysotile**	**MTP**
43A-702a	2nd floor – northeast hall – center – 9” tan and red floor tile	Negative	MF9tr
43A-702b	**2nd floor – northeast hall – center – under 9” tan and red floor tile – black mastic**	**Positive 5% Chrysotile**	**MF9tr**

Sample #	Location and Description	Results	Homogeneous Code
43A-702c	2nd floor – northeast hall – center – under mastic – tar paper #2	Negative	MPT2
43B-702a	2nd floor – northeast office – 9" tan and red floor tile	Negative	MF9tr
43B-702b	Not Analyzed Due to Prior Positive Sample	N/A	MF9tr
43B-702c	2nd floor – northeast office – under mastic – tar paper #2	Negative	MPT2
43C-702a	2nd floor – northeast hall – north end – 9" tan and red floor tile	Negative	MF9tr
43C-702b	Not Analyzed Due to Prior Positive Sample	N/A	MF9tr
43C-702c	2nd floor – northeast hall – north end – under mastic – tar paper #2	Negative	MPT2
44A-702a	2nd floor – northeast mens restroom floor – white ceramic tile #2	Negative	MCTMw2
44A-702b	2nd floor – northeast mens restroom floor – grout/mortar	Negative	MCTMw2
45A-702	**2nd floor – south center mechanical room – magnesia pipe insulation**	**Positive 60% Amosite**	**TM**
46A-702a	Basement – west room southwest corner – 9" red floor tile	Positive 2% Chrysotile	MF9r
46A-702a	Point Count Result	Trace 0.5% Chrysotile	MF9r
46A-702b	Basement – west room southwest corner – under 9" red floor tile – tan mastic	Negative	MF9r
46B-702a	Not Analyzed Due to Prior Positive Sample	N/A	MF9r
46B-702b	Basement – west room southwest corner – under 9" red floor tile – tan mastic	Negative	MF9r
46C-702a	Not Analyzed Due to Prior Positive Sample	N/A	MF9r
46C-702b	Basement – west room southwest corner – under 9" red floor tile – tan mastic	Negative	MF9r
47A-702	Basement – west room – southwest at ceiling – cardboard pipe insulation	Negative	TC5
47B-702	Basement – west room – northeast at ceiling – cardboard pipe insulation	Negative	TC5
47C-702	Basement – west room – southeast at ceiling – cardboard pipe insulation	Negative	TC5
48A-702	**Basement – south center storage room – 9" beige and brown floor tile/mastic**	**Positive 10% Chrysotile**	**MF9en**
49A-702	Basement – west room – on southeast wall – tan mastic	Negative	MWMt
49B-702	Basement – west room – on southeast wall – tan mastic	Negative	MWMt
49C-702	Basement – west room – on southeast wall – tan mastic	Negative	MWMt
50A-702a	Exterior – southwest entry floor – orange ceramic tile	Negative	MCTMo
50A-702b	Exterior – southwest entry floor – grout/mortar	Negative	MCTMo
51A-702	Exterior – south center entry – around door frame – gray caulk	Negative	MCLKy
52A-702	Exterior – south center entry – around window frames – black caulk	Negative	MCLKk
53A-702	Exterior – around northwest window – white caulk #2	Negative	MCLKw2
53B-702	Exterior – around north center window – white caulk #2	Negative	MCLKw2
53C-702	Exterior – around northeast window – white caulk #2	Positive 2% Chrysotile	MCLKw2
53C-702	Point Count Result	Trace 0.75 2% Chrysotile	MCLKw
54A-702	East Roof – in north parapet wall – brick mortar	Negative	MBR

Sample #	Location and Description	Results	Homogeneous Code
54B-702	West Roof – in south parapet wall – brick mortar	Negative	MBR
54C-702	Exterior – in north wall – brick mortar	Negative	MBR

Homogeneous Material Codes

SPl	Plaster
STC	Stucco
MCLKc	Clear Caulk
MCLKw	White Caulk
MCLKw2	White Caulk #2
MCLKe	Beige Caulk
MCLKs	Silver Caulk
MCLKy	Gray Caulk
MCLKk	Black Caulk
MCTMy	Gray Ceramic Tile
MCTMr	Red Ceramic Tile
MCTMgb	Green & Blue Ceramic Tile
MCTMw	White Ceramic Tile
MCTMw2	White Ceramic Tile #2
MCTMc	Cream Ceramic Tile
MCTMn	Brown Ceramic Tile
MCTMo	Orange Ceramic Tile
MFBR	False Brick
MDW	Drywall/Joint Compound
MF12ep	12” Beige & Pink Floor Tile
MF12n	12” Brown Floor Tile
MF9tk	9” Tan & Black Floor Tile
MF9tn	9” Tan & Brown Floor Tile
MF9k	9” Black Floor Tile
MF9t	9” Tan Floor Tile
MF9nr	9” Brown & Red Floor Tile
MF9tr	9” Tan & Red Floor Tile
MF9en	9” Beige & Brown Floor Tile
MF9r	9” Red Floor Tile
MFB	Fiberboard/Tar
MFF	Floor Filler
MCBL	Ceramic Block
MPG	Glazing Compound
MFLn	Brown Linoleum
MFLnk	Brown & Black Linoleum
MFLty	Tan & Gray Linoleum
MFLnd	Brown & Gold Linoleum
MPT	Tar Paper
MPT2	Tar Paper #2
MRM	Built Up Roofing West Roof
MRM2	Built Up Roofing East Roof
MRFy	Gray Roof Flashing
MRFk	Black Roof Flashing
MECP	Gray Elevator Control Panel
MTP	Transite of Elevator Panel
MWMt	Tan Wall Mastic
MBR	Brick Mortar
TA	Aircell Pipe Insulation
TM	Magnesia Pipe Insulation

Homogeneous Material Codes

TC	Cardboard Pipe Insulation
TF5	<5" Diameter Pipe Insulation Fittings
TDW	Duct Wrap
TFC	Duct Connector
TGK	Pipe Gasket

E. Asbestos Locations and Quantities

Twelve (12) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM).

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Aircell Pipe Insulation & Fittings	TA	Basement Boiler Room, West Room, Northwest Rooms, & Center Room; 1st Floor West Room, North Center Room, Northeast Room, & East Show Room; 2nd Floor Room 202, North Center Hall, & Northwest Mechanical Room	2100 LF	Poor
Magnesia Pipe Insulation & Fittings	TM	Basement Southeast Room, Northeast Room, Center Room; 2nd Floor Room South Center Mechanical & Storage Rooms	550 LF	Poor
Pipe Insulation Fittings on Fiberglass & Cardboard	TF5	Basement West Room, Northeast & North Center Mechanical Rooms,& Center Room; 1st Floor Northeast Entry; Mezzanine Southeast; 2nd Floor Northwest Mechanical Room	110 Fittings	Poor
Black Mastic Under 9" Tan & Gray Floor Tile	MF9ty	1st Floor East Show Room, North Center Room, Northeast Room, Northeast hall & Entry	10,500 SF	Fair
Black Mastic Under 9" Tan & Brown Floor Tile	MF9tn	Basement Southeast Show Room & East Stair; Mezzanine Northeast Show Room, Southeast Offices, South Center & North Center Stairs; 2nd Floor North Center Storage Room, East Show Room, South Center Store Room/Mechanical Room, North Center Offices	21,000 SF	Fair
9" Black Floor Tile & Black Mastic	MF9k	Mezzanine Southeast Offices 2nd Layer	1,500 SF	Fair
9" Brown & Red Floor Tile & Black Mastic	MF9nr	Mezzanine Northeast Show Room West Side 2nd Layer	2,900 SF	Fair
Black Mastic Under 9" Tan & Red Floor Tile	MF9tr	2nd Floor Northeast Hall, & Northeast Office	5500 SF	Fair
9" Beige & Brown Floor Tile & Black Mastic	MF9en	Basement South Center Storage Room	40 SF	Fair
Gray Roof Flashing	MRFy	West Roof Around Edge of Roof and on Air handlers & Roof Stacks	200 SF	Good

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Pipe Gaskets	TGK	2nd Floor Northwest Hall	4 Gaskets	Good
Black Transite Panels	MTP	Northeast & Northwest Elevator Penthouses On Elevator Control Panels	10 Panels 2" x 3" Each	Good

Assumed Asbestos Containing Materials

Material	Location	Approximate Quantity	Condition
Electrical Panels – Suspect Transite	Basement Northwest Room, Boiler Room, Northwest Mechanical Room, Center Room, North Center Mechanical Room; 1st Floor South Center Closet, North Center Room; Mezzanine Northwest Mechanical Room; 2nd Floor Northwest Mechanical Room, South Center Mechanical Room; Penthouses	42 Boxes	Good
Safe Insulation	2nd Floor North Center Offices	2 Safes	Good
Terrazzo Floor	Southwest Basement Stair	100 SF	Good

The aircell, magnesia, and pipe insulation fittings are friable asbestos containing materials. They meet the definition of regulated asbestos containing material (RACM) under NR 447 of the Wisconsin Administrative Code.

The floor tiles/mastics, gaskets, and roof flashing are category I non-friable asbestos containing materials. If they will be ground, sanded, cut, or abraded, during renovation they will meet the definition of RACM as defined under NR 447.

The safe insulation, transite panels on the elevator control panels, and suspect transite in the electrical boxes are category II non-friable asbestos containing materials. If they will be crumbled, pulverized or reduced to powder during renovation they will meet the definition of RACM as defined under NR 447.

NR 447.08 requires the building owner or operator to have the RACM removed from a facility being renovated or demolished before any activity begins that would break up, dislodge or similarly disturb the material. The building owner/operator must also send notification to the Wisconsin Department of Natural Resources at least 10 business days prior to the start of abatement or renovation. DHS 159 of the Wisconsin Administrative Code requires that only a certified asbestos company with certified asbestos abatement personnel may remove ACMs from a building.

Four (4) of the materials sampled contains less than 1% asbestos and are not ACMs:

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
White Caulk	MCLKw	Exterior Around Southeast Picture Windows	7 Windows	Poor
9" Brown Floor Tile & Black Mastic	MF9n	1st Floor East Show Room 2nd Layer	9,400 SF	Fair
9" Red Floor Tile	MF9r	Basement West Room South Side	870 SF	Poor

Material	Homogeneous Code	Location	Approximate Quantity	Material Type
White Caulk #2	MCLKw2	Exterior Around Double Hung Windows & North Side Doors	115 Windows & 3 Doors	Poor

These materials contain less than 1% asbestos as verified by the point count method, and by definition in NR 447, DHS 159, and 29 CFR 1926.1101 are not ACM. Employers must still follow OSHA requirements in 29 CFR 1926.1101 (Asbestos in Construction) during removal. This regulation requires the employer to protect employees from asbestos exposure if any amount of asbestos is present. These requirements include:

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

HMG recommends that these materials tested below 1% asbestos be removed by a Wisconsin certified asbestos company as part of the renovation project.

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

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

III. UNIVERSAL WASTES

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

Material	Location	Approximate Quantity
Wood Sealer	Basement South Center Storage Room	1 Gallon
Motor Oil/Lubricants	Basement North Center Mechanical Room; Penthouses	12 Gallons
Air Conditioners-CFC	Basement West Room; 2nd Floor Northwest & North Center Mechanical Rooms; Roof	9
Drinking Fountain-CFC	1st Floor East Show Room	1
Fire Extinguishers-CFC	Basement Southeast Show Room & Center Room; 1st Floor East Show Room & Northeast Room; Mezzanine Northeast Show Room; 2nd Floor North Center Hall, Northwest Storage Room, East Show Room; Penthouses	16
Thermostats/Gauges-Mercury	Basement West Room, Northeast Room, Northeast & North Center Mechanical Rooms, 1st Floor West Room, East Show Room; 2nd Floor Room 204, Northwest & North Center Mechanical Rooms, Northeast Office; Penthouses	60

Material	Location	Approximate Quantity
Exit Signs-Mercury	Basement Southeast Show Room; 1st Floor West Room, East Show Room, Northeast Entry; Mezzanine Northwest Room, Northeast Show Room; 2nd Floor North Center Storage, East Show Room, Center Room	22
Fluorescent Light Bulbs-Mercury	Rooms on All Floors	1,400
Fluorescent Light Ballasts-PCB	Rooms on All Floors	620
Transformer-PCB	2nd Floor Northwest Mechanical Room	1

No samples were collected. KPH recommends that universal wastes and other hazardous materials be removed separately for proper disposal prior to renovation.

IV. EXCLUSIONS

Floors in east side room covered with ceiling debris and only partially accessible. Sub-Basement flooded and accessible only at stair. This report represents the condition of the building and its visible/accessible materials at the date and the times of the onsite inspection. Areas and materials that were hidden or not accessible are excluded, including some areas within walls and floors and above ceilings. Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Hidden materials or those materials that could not be accessed at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the renovation contractor.

V. LIMITATIONS

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

This report and the information contained herein are prepared for the sole and exclusive use and possession of the City of Kenosha. No other person or entity may rely on this report or any information contained herein. Any dissemination of the Report or any information contained herein is strictly prohibited without prior written authorization from KPH Environmental Corp

APPENDICES

A. ASBESTOS LABORATORY RESULTS

Analysis Report

Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: KPH Environmental Corp. (5063)
Address: 1237 West Bruce Street
Milwaukee, WI 53204

Order #: 326358

Attn:

Received 07/17/19
Analyzed 07/23/19
Reported 07/24/19

Project:
Location: Wisconsin
Number: 19-400-207

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
326358-001	07/09/19	1A-702	Wisconsin		
Layer 1: Caulk Clear, Soft				None Detected	100% NON FIBROUS MATERIAL
326358-002	07/09/19	1B-702	Wisconsin		
Layer 1: Caulk Clear, Soft				None Detected	100% NON FIBROUS MATERIAL
326358-003	07/09/19	1C-702	Wisconsin		
Layer 1: Caulk Black, Soft				None Detected	100% NON FIBROUS MATERIAL
326358-004	07/09/19	2A-702	Wisconsin		
Layer 1: Tile Gray, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Grout Beige, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 3: Mastic Tan, Brittle				None Detected	100% NON FIBROUS MATERIAL
326358-005	07/09/19	2B-702	Wisconsin		
Layer 1: Tile Gray, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Grout Beige, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 3: Mastic Tan, Brittle				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:
Location: Wisconsin
Number: 19-400-207

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
326358-006	07/09/19	2C-702	Wisconsin		
Layer 1: Tile Gray, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Grout Beige, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 3: Mastic Tan, Brittle				None Detected	100% NON FIBROUS MATERIAL
326358-007	07/09/19	3A-702	Wisconsin		
Layer 1: Caulk White, Granular				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
326358-008	07/09/19	3B-702	Wisconsin		
Layer 1: Caulk					
Not analyzed due to positive stop instructions.					
326358-009	07/09/19	3C-702	Wisconsin		
Layer 1: Caulk					
Not analyzed due to positive stop instructions.					
326358-010	07/09/19	4A-702	Wisconsin		
Layer 1: Insulation White, Fibrous				60% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
326358-011	07/09/19	4B-702	Wisconsin		
Layer 1: Insulation					
Not analyzed due to positive stop instructions.					
326358-012	07/09/19	4C-702	Wisconsin		
Layer 1: Insulation					
Not analyzed due to positive stop instructions.					

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:
Location: Wisconsin
Number: 19-400-207

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
326358-013	07/09/19	5A-702	Wisconsin		
Layer 1: Tile Light Brown, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Dark Brown, Brittle				None Detected	100% NON FIBROUS MATERIAL
326358-014	07/09/19	6A-702	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
Layer 2: Joint Compound White, Granular				None Detected	100% NON FIBROUS MATERIAL
326358-015	07/09/19	6B-702	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
Layer 2: Joint Compound White, Granular				None Detected	100% NON FIBROUS MATERIAL
326358-016	07/09/19	6C-702	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
Layer 2: Joint Compound White, Granular				None Detected	100% NON FIBROUS MATERIAL
326358-017	07/09/19	7A-702	Wisconsin		
Layer 1: Tile Brown, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
326358-018	07/09/19	8A-702	Wisconsin		
Layer 1: Tile White, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:
Location: Wisconsin
Number: 19-400-207

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
326358-019	07/09/19	10A-702	Wisconsin		
Layer 1: Tile Beige/Black, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Brown, Brittle				None Detected	100% NON FIBROUS MATERIAL
326358-020	07/09/19	11A-702	Wisconsin		
Layer 1: Tile Beige, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Black, Bituminous				4% CHRYSOTILE	96% NON FIBROUS MATERIAL
326358-021	07/09/19	11B-702	Wisconsin		
Layer 1: Tile Beige, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic					
Not analyzed due to positive stop instructions.					
326358-022	07/09/19	11C-702	Wisconsin		
Layer 1: Tile Beige, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic					
Not analyzed due to positive stop instructions.					
326358-023	07/09/19	12A-702	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Skim Coat Off White, Granular				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:
Location: Wisconsin
Number: 19-400-207

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
326358-024	07/09/19	12B-702	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Skim Coat Off White, Granular				None Detected	100% NON FIBROUS MATERIAL
326358-025	07/09/19	12C-702	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Skim Coat Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
326358-026	07/09/19	12D-702	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Skim Coat Off White, Granular				None Detected	100% NON FIBROUS MATERIAL
326358-027	07/09/19	12E-702	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Skim Coat Off White, Granular				None Detected	100% NON FIBROUS MATERIAL
326358-028	07/09/19	12F-702	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Skim Coat Off White, Granular				None Detected	100% NON FIBROUS MATERIAL
326358-029	07/09/19	12G-702	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Skim Coat Off White, Granular				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:
Location: Wisconsin
Number: 19-400-207

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
326358-030	07/09/19	13A-702	Wisconsin		
Layer 1: Tile Green, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Hard Material Gray, Hard				None Detected	100% NON FIBROUS MATERIAL
326358-031	07/09/19	13B-702	Wisconsin		
Layer 1: Tile Green, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Hard Material Gray, Hard				None Detected	100% NON FIBROUS MATERIAL
326358-032	07/09/19	14A-702	Wisconsin		
Layer 1: Tile White, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Hard Material Gray, Hard				None Detected	100% NON FIBROUS MATERIAL
326358-033	07/09/19	14B-702	Wisconsin		
Layer 1: Tile White, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Hard Material Gray, Hard				None Detected	100% NON FIBROUS MATERIAL
326358-034	07/09/19	14C-702	Wisconsin		
Layer 1: Tile White, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Hard Material Gray, Hard				None Detected	100% NON FIBROUS MATERIAL
326358-035	07/09/19	15A-702	Wisconsin		
Layer 1: Insulation Black, Bituminous				None Detected	5% MINERAL/GLASS WOOL 95% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:
Location: Wisconsin
Number: 19-400-207

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
326358-036	07/09/19	15B-702	Wisconsin		
Layer 1: Insulation Beige, Powdery				5% CHRYSOTILE	95% NON FIBROUS MATERIAL
Layer 2: Cover Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
326358-037	07/09/19	15C-702	Wisconsin		
Layer 1: Insulation **Not analyzed due to positive stop instructions.**					
Layer 2: Cover Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
326358-038	07/09/19	16A-702	Wisconsin		
Layer 1: Board Material Beige, Powdery				5% CHRYSOTILE	95% NON FIBROUS MATERIAL
Layer 2: Cover Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
326358-039	07/09/19	17A-702	Wisconsin		
Layer 1: Mastic Black, Bituminous				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Tile Red, Organically Bound				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
Layer 3: Mastic Black, Bituminous				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
326358-040	07/09/19	17B-702	Wisconsin		
Layer 1: Tile **Not analyzed due to positive stop instructions.**					
Layer 2: Mastic Only Two Layers Found. **Not analyzed due to positive stop instructions.**					

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:
Location: Wisconsin
Number: 19-400-207

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers		Other Materials
326358-041	07/09/19	17C-702	Wisconsin			
Layer 1: Mastic Black, Bituminous				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Tile						
Not analyzed due to positive stop instructions.						
Layer 3: Mastic						
Not analyzed due to positive stop instructions.						
326358-042	07/09/19	18A-702	Wisconsin			
Layer 1: Filler Beige, Granular				None Detected	100%	NON FIBROUS MATERIAL
326358-043	07/09/19	18B-702	Wisconsin			
Layer 1: Filler Beige, Granular				None Detected	100%	NON FIBROUS MATERIAL
326358-044	07/09/19	18C-702	Wisconsin			
Layer 1: Filler Beige, Granular				None Detected	100%	NON FIBROUS MATERIAL
326358-045	07/09/19	19A-702	Wisconsin			
Layer 1: Hard Material Red, Hard				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Hard Material Beige, Hard				None Detected	100%	NON FIBROUS MATERIAL
326358-046	07/09/19	19B-702	Wisconsin			
Layer 1: Hard Material Red, Hard				None Detected	100%	NON FIBROUS MATERIAL
Layer 2: Hard Material Beige, Hard				None Detected	100%	NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:
Location: Wisconsin
Number: 19-400-207

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
326358-047	07/09/19	19C-702	Wisconsin		
Layer 1: Hard Material Red, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Hard Material Beige, Hard				None Detected	100% NON FIBROUS MATERIAL
326358-048	07/09/19	20A-702	Wisconsin		
Layer 1: Linoleum Beige/Brown, Org.Bound/Fibrous				None Detected	60% CELLULOSE FIBER 40% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Brittle				None Detected	100% NON FIBROUS MATERIAL
326358-049	07/09/19	20B-702	Wisconsin		
Layer 1: Linoleum Beige/Brown, Org.Bound/Fibrous				None Detected	60% CELLULOSE FIBER 40% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Brittle				None Detected	100% NON FIBROUS MATERIAL
326358-050	07/09/19	20C-702	Wisconsin		
Layer 1: Linoleum Beige/Brown, Org.Bound/Fibrous				None Detected	60% CELLULOSE FIBER 40% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Brittle				None Detected	100% NON FIBROUS MATERIAL
326358-051	07/09/19	21A-702	Wisconsin		
Layer 1: Cloth Beige/Black, Fibrous				None Detected	20% NON FIBROUS MATERIAL 80% SYNTHETIC FIBER
326358-052	07/09/19	21B-702	Wisconsin		
Layer 1: Cloth Beige/Black, Fibrous				None Detected	20% NON FIBROUS MATERIAL 80% SYNTHETIC FIBER
326358-053	07/09/19	21C-702	Wisconsin		
Layer 1: Cloth Beige/Black, Fibrous				None Detected	20% NON FIBROUS MATERIAL 80% SYNTHETIC FIBER

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:
Location: Wisconsin
Number: 19-400-207

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
326358-054	07/09/19	22A-702	Wisconsin		
Layer 1: Caulk Beige, Soft				None Detected	100% NON FIBROUS MATERIAL
326358-055	07/09/19	23A-702	Wisconsin		
Layer 1: Linoleum Brown/Black, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Brown, Soft				None Detected	100% NON FIBROUS MATERIAL
326358-056	07/09/19	24A-702	Wisconsin		
Layer 1: Tile Brown/Black, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Brown, Soft				None Detected	100% NON FIBROUS MATERIAL
326358-057	07/09/19	25A-702	Wisconsin		
Layer 1: Tile Beige, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Black, Bituminous Only Two Layers Found.				4% CHRYSOTILE	96% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:
Location: Wisconsin
Number: 19-400-207

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
326358-058	07/09/19	25B-702	Wisconsin		
Layer 1: Tile Beige, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic					
Not analyzed due to positive stop instructions.					
Layer 3: Mastic Black, Bituminous				4% CHRYSOTILE	96% NON FIBROUS MATERIAL
Layer 4: Tile Brown, Organically Bound				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
Layer 5: Mastic Black, Bituminous				5% CHRYSOTILE	95% NON FIBROUS MATERIAL
326358-059	07/09/19	25C-702	Wisconsin		
Layer 1: Tile Beige, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic					
Not analyzed due to positive stop instructions.					
Layer 3: Mastic					
Not analyzed due to positive stop instructions.					
Layer 4: Tile					
Not analyzed due to positive stop instructions.					
Layer 5: Mastic					
Not analyzed due to positive stop instructions.					

Project:
Location: Wisconsin
Number: 19-400-207

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
326358-060	07/09/19	26A-702	Wisconsin		
Layer 1: Tile Beige, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Black, Bituminous				4% CHRYSOTILE	96% NON FIBROUS MATERIAL
Layer 3: Mastic Black, Bituminous				4% CHRYSOTILE	96% NON FIBROUS MATERIAL
Layer 4: Tile Brown, Organically Bound				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
Layer 5: Mastic Black, Bituminous				5% CHRYSOTILE	95% NON FIBROUS MATERIAL
326358-061	07/09/19	26B-702	Wisconsin		
Layer 1: Tile Beige, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic					
Not analyzed due to positive stop instructions.					
Layer 3: Mastic					
Not analyzed due to positive stop instructions.					
Layer 4: Tile					
Not analyzed due to positive stop instructions.					
Layer 5: Mastic					
Not analyzed due to positive stop instructions.					
326358-062	07/09/19	27A-702	Wisconsin		
Layer 1: Tile White, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Hard Material Gray, Hard				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:
Location: Wisconsin
Number: 19-400-207

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
326358-063	07/09/19	27B-702	Wisconsin		
Layer 1: Tile White, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Hard Material Gray, Hard				None Detected	100% NON FIBROUS MATERIAL
326358-064	07/09/19	27C-702	Wisconsin		
Layer 1: Tile White, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Hard Material Gray, Hard				None Detected	100% NON FIBROUS MATERIAL
326358-065	07/09/19	28A-702	Wisconsin		
Layer 1: Linoleum Beige/Black, Org.Bound/Fibrous				None Detected	35% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
326358-066	07/09/19	29A-702	Wisconsin		
Layer 1: Glazing Beige, Brittle				None Detected	100% NON FIBROUS MATERIAL
326358-067	07/09/19	29B-702	Wisconsin		
Layer 1: Glazing Beige, Brittle				None Detected	100% NON FIBROUS MATERIAL
326358-068	07/09/19	29C-702	Wisconsin		
Layer 1: Glazing Beige, Brittle				None Detected	NON FIBROUS MATERIAL
326358-069	07/09/19	30A-702	Wisconsin		
Layer 1: Paper Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
326358-070	07/09/19	30B-702	Wisconsin		
Layer 1: Paper Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:
Location: Wisconsin
Number: 19-400-207

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
326358-071	07/09/19	30C-702	Wisconsin		
Layer 1: Paper				None Detected	65% CELLULOSE FIBER
Black, Fibrous					15% MINERAL/GLASS WOOL
					20% NON FIBROUS MATERIAL
326358-072	07/09/19	31A-702	Wisconsin		
Layer 1: Linoleum				None Detected	35% CELLULOSE FIBER
Beige/Black, Org.Bound/Fibrous					15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic				None Detected	100% NON FIBROUS MATERIAL
Tan, Soft					
326358-073	07/09/19	31B-702	Wisconsin		
Layer 1: Linoleum				None Detected	35% CELLULOSE FIBER
Beige/Black, Org.Bound/Fibrous					15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic				None Detected	100% NON FIBROUS MATERIAL
Tan, Soft					
326358-074	07/09/19	31C-702	Wisconsin		
Layer 1: Linoleum				None Detected	35% CELLULOSE FIBER
Beige/Black, Org.Bound/Fibrous					15% MINERAL/GLASS WOOL
					50% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic				None Detected	100% NON FIBROUS MATERIAL
Tan, Soft					
326358-075	07/09/19	32A-702	Wisconsin		
Layer 1: Wrap				None Detected	40% MINERAL/GLASS WOOL
Black/Yellow, Bituminous/Fibrous					60% NON FIBROUS MATERIAL
326358-076	07/09/19	32B-702	Wisconsin		
Layer 1: Wrap				None Detected	40% MINERAL/GLASS WOOL
Black/Yellow, Bituminous/Fibrous					60% NON FIBROUS MATERIAL
326358-077	07/09/19	32C-702	Wisconsin		
Layer 1: Wrap				None Detected	40% MINERAL/GLASS WOOL
Black/Yellow, Bituminous/Fibrous					60% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:
Location: Wisconsin
Number: 19-400-207

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
326358-078	07/09/19	33A-702	Wisconsin		
Layer 1: Roofing Black, Bituminous/Fibrous				None Detected	60% CELLULOSE FIBER 40% NON FIBROUS MATERIAL
Layer 2: Bituminous Material Black, Bituminous				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
Layer 3: Roofing Material Black, Bituminous				None Detected	5% CELLULOSE FIBER 5% MINERAL/GLASS WOOL 90% NON FIBROUS MATERIAL
326358-079	07/09/19	33B-702	Wisconsin		
Layer 1: Roofing Black, Bituminous/Fibrous				None Detected	60% CELLULOSE FIBER 40% NON FIBROUS MATERIAL
Layer 2: Bituminous Material Black, Bituminous				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
Layer 3: Roofing Material Black, Bituminous				None Detected	5% CELLULOSE FIBER 5% MINERAL/GLASS WOOL 90% NON FIBROUS MATERIAL
326358-080	07/09/19	33C-702	Wisconsin		
Layer 1: Roofing Black, Bituminous/Fibrous				None Detected	60% CELLULOSE FIBER 40% NON FIBROUS MATERIAL
Layer 2: Bituminous Material Black, Bituminous				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
Layer 3: Roofing Material Black, Bituminous				None Detected	5% CELLULOSE FIBER 5% MINERAL/GLASS WOOL 90% NON FIBROUS MATERIAL
326358-081	07/09/19	34A-702	Wisconsin		
Layer 1: Flashing Black, Bituminous				10% CHRYSOTILE	90% NON FIBROUS MATERIAL
326358-082	07/09/19	34B-702	Wisconsin		
Layer 1: Flashing					
Not analyzed due to positive stop instructions.					
326358-083	07/09/19	34C-702	Wisconsin		
Layer 1: Flashing					
Not analyzed due to positive stop instructions.					

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:
Location: Wisconsin
Number: 19-400-207

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
326358-084	07/09/19	35A-702	Wisconsin		
Layer 1: Flashing Black, Bituminous				None Detected	20% CELLULOSE FIBER 80% NON FIBROUS MATERIAL
326358-085	07/09/19	35B-702	Wisconsin		
Layer 1: Flashing Black, Bituminous				None Detected	20% CELLULOSE FIBER 80% NON FIBROUS MATERIAL
326358-086	07/09/19	35C-702	Wisconsin		
Layer 1: Flashing Black, Bituminous				None Detected	20% CELLULOSE FIBER 80% NON FIBROUS MATERIAL
326358-087	07/09/19	36A-702	Wisconsin		
Layer 1: Tile Brick, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Hard Material Gray, Hard				None Detected	100% NON FIBROUS MATERIAL
326358-088	07/09/19	36B-702	Wisconsin		
Layer 1: Tile Brick, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Hard Material Gray, Hard				None Detected	100% NON FIBROUS MATERIAL
326358-089	07/09/19	36C-702	Wisconsin		
Layer 1: Tile Brick, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Hard Material Gray, Hard				None Detected	100% NON FIBROUS MATERIAL
326358-090	07/09/19	37A-702	Wisconsin		
Layer 1: Board Material Gray, Hard				None Detected	100% NON FIBROUS MATERIAL
326358-091	07/09/19	38A-702	Wisconsin		
Layer 1: Caulk Gray, Soft				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:
Location: Wisconsin
Number: 19-400-207

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
326358-092	07/09/19	39A-702	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
326358-093	07/09/19	39B-702	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
326358-094	07/09/19	39C-702	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
326358-095	07/09/19	40A-702	Wisconsin		
Layer 1: Gasket Brown, Soft				None Detected	100% NON FIBROUS MATERIAL
326358-096	07/09/19	40B-702	Wisconsin		
Layer 1: Gasket Gray, Fibrous				60% CHRYSOTILE	20% CELLULOSE FIBER 10% MINERAL/GLASS WOOL 10% NON FIBROUS MATERIAL
326358-097	07/09/19	41A-702	Wisconsin		
Layer 1: Roofing Black/Silver, Bituminous				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
Layer 2: Roofing Material Black, Bituminous				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
Layer 3: Bituminous Material Black, Bituminous				None Detected	20% CELLULOSE FIBER 80% NON FIBROUS MATERIAL
326358-098	07/09/19	41B-702	Wisconsin		
Layer 1: Roofing Black/White, Bituminous				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
Layer 2: Roofing Material Black, Bituminous				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
Layer 3: Fibrous Material Brown, Fibrous				None Detected	60% CELLULOSE FIBER 40% NON FIBROUS MATERIAL

Project:
Location: Wisconsin
Number: 19-400-207

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
326358-099	07/09/19	41C-702	Wisconsin		
Layer 1: Roofing Black/White, Bituminous				None Detected	5% CELLULOSE FIBER 95% NON FIBROUS MATERIAL
Layer 2: Roofing Material Black, Bituminous				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
Layer 3: Fibrous Material Brown, Fibrous				None Detected	60% CELLULOSE FIBER 40% NON FIBROUS MATERIAL
326358-100	07/09/19	42A-702	Wisconsin		
Layer 1: Roofing Brown, Hard				20% CHRYSOTILE	80% NON FIBROUS MATERIAL
326358-101	07/09/19	43A-702	Wisconsin		
Layer 1: Tile Beige, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic Black, Bituminous				5% CHRYSOTILE	95% NON FIBROUS MATERIAL
Layer 3: Cover Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
326358-102	07/09/19	43B-702	Wisconsin		
Layer 1: Tile Beige, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic **Not analyzed due to positive stop instructions.**					
Layer 3: Cover Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:
Location: Wisconsin
Number: 19-400-207

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
326358-103	07/09/19	43C-702	Wisconsin		
Layer 1: Tile Beige, Organically Bound				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Mastic **Not analyzed due to positive stop instructions.**					
Layer 3: Cover Black, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
326358-104	07/09/19	44A-702	Wisconsin		
Layer 1: Tile White, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Hard Material Gray, Hard				None Detected	100% NON FIBROUS MATERIAL
326358-105	07/09/19	45A-702	Wisconsin		
Layer 1: Insulation White, Fibrous				60% AMOSITE	40% NON FIBROUS MATERIAL
326358-106	07/09/19	46A-702	Wisconsin		
Layer 1: Tile Red, Organically Bound				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
326358-107	07/09/19	46B-702	Wisconsin		
Layer 1: Tile **Not analyzed due to positive stop instructions.**					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:
Location: Wisconsin
Number: 19-400-207

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
326358-108	07/09/19	46C-702	Wisconsin		
Layer 1: Tile					
Not analyzed due to positive stop instructions.					
Layer 2: Mastic Tan, Soft				None Detected	100% NON FIBROUS MATERIAL
326358-109	07/09/19	47A-702	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
326358-110	07/09/19	47B-702	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
326358-111	07/09/19	47C-702	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	65% CELLULOSE FIBER 15% MINERAL/GLASS WOOL 20% NON FIBROUS MATERIAL
326358-112	07/09/19	48A-702	Wisconsin		
Layer 1: Tile/Mastic Beige/Black, Org.Bound/Bituminous				10% CHRYSOTILE	90% NON FIBROUS MATERIAL
Unable to separate individual layers.					
326358-113	07/09/19	49A-702	Wisconsin		
Layer 1: Mastic Tan, Brittle				None Detected	100% NON FIBROUS MATERIAL
326358-114	07/09/19	49B-702	Wisconsin		
Layer 1: Mastic Tan, Brittle				None Detected	100% NON FIBROUS MATERIAL
326358-115	07/09/19	49C-702	Wisconsin		
Layer 1: Mastic Tan, Brittle				None Detected	100% NON FIBROUS MATERIAL

Project:
Location: Wisconsin
Number: 19-400-207

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
326358-116	07/09/19	50A-702	Wisconsin		
Layer 1: Tile Green, Hard				None Detected	100% NON FIBROUS MATERIAL
Layer 2: Hard Material Gray, Hard				None Detected	100% NON FIBROUS MATERIAL
326358-117	07/09/19	51A-702	Wisconsin		
Layer 1: Caulk Gray, Soft				None Detected	100% NON FIBROUS MATERIAL
326358-118	07/09/19	52A-702	Wisconsin		
Layer 1: Caulk Black, Soft				None Detected	100% NON FIBROUS MATERIAL
326358-119	07/09/19	53A-702	Wisconsin		
Layer 1: Caulk Gray, Brittle				None Detected	100% NON FIBROUS MATERIAL
326358-120	07/09/19	53B-702	Wisconsin		
Layer 1: Caulk Gray, Brittle				None Detected	100% NON FIBROUS MATERIAL
326358-121	07/09/19	53C-702	Wisconsin		
Layer 1: Caulk Beige, Granular				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
326358-122	07/09/19	54A-702	Wisconsin		
Layer 1: Mortar Beige, Hard				None Detected	100% NON FIBROUS MATERIAL
326358-123	07/09/19	54B-702	Wisconsin		
Layer 1: Mortar Beige, Hard				None Detected	100% NON FIBROUS MATERIAL
326358-124	07/09/19	54C-702	Wisconsin		
Layer 1: Mortar Beige, Hard				None Detected	100% NON FIBROUS MATERIAL

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Project:
Location: Wisconsin
Number: 19-400-207

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials

EPA Regulatory Limit: 1%

Total layers analyzed on order: 192

326358-07/24/19 12:36 PM

Analyst **Mohammed Hashim**

Reviewed By: **Irma Faszewski**
QAQC Director

Reporting Limit: 1% Gravimetrically Reduced Reporting Limit: 0.01% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

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2512 West Cary Street, Richmond, Virginia 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475
www.slabinc.com • info@slabinc.com

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UPS 1Z2E2899846 I803091

Submitting Co.	KPH Environmental Corp.	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ NO
1237 West Bruce Street		**Acct #**	5063	**Phone**	(414) 647-1530
Milwaukee, WI 53204		**Email**	dean.jacobsen@kphenvironmenmtal.com		
Project Name		**PO #**			
Project Location	Wisconsin	**Special Instructions:** Test Each Homogeneous Material Until >1%			
Project Number	19-400-207				
Collected By					

Turn Around Time **
- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests
** past 3 PM the TAT will begin next business day
Please schedule rush tests in advance

Matrix
- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
1A-702	7/9/19		Caulk						
1B-702			↓						
1C-702			↓						
2A-702			Tile						
2B-702			↓						
2C-702			↓						
3A-702			Caulk						
3B-702			↓						
3C-702			↓						
4A-702			Insulation						

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis
[1]Type: A=Area, B=Blank, P=Personal, E=Excursion [2]Beginning/End of Sample Period [3]Liters/Minute [4]Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 7/16/19 1200

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

SCHNEIDER LABORATORIES GLOBAL, INC.

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804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475
www.slabinc.com • info@slabinc.com

Submitting Co.	KPH Environmental Corp.	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ NO
1237 West Bruce Street		**Acct #**	5063	**Phone**	(414) 647-1530
Milwaukee, WI 53204		**Email**	dean.jacobsen@kphenvironmenmtal.com		
Project Name		**PO #**			
Project Location	Wisconsin	**Special Instructions:**			
Project Number	19-400-207				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☑ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk

- ☑ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air

- ☐ PCM
- ☐ PCM-B Rules

Metals Total

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric

- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous

- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology

- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract

- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
4B-702	7/9/19		Insulation						
4C-702			↓						
5A-702			Tile						
6A-702			Drywall						
6B-702			↓						
6C-702									
7A-702			Tile						
8A-702			Tile						
10A-702			Tile						
11A-702	↓		Tile						

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

[1]Type: A=Area, B=Blank, P=Personal, E=Excursion [2]Beginning/End of Sample Period [3]Liters/Minute [4]Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: Dean Jacobsen Date/Time 7/16/19 1700

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www.slabinc.com • info@slabinc.com

Submitting Co.	KPH Environmental Corp.	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ NO
1237 West Bruce Street		**Acct #**	5063	**Phone**	(414) 647-1530
Milwaukee, WI 53204		**Email**	dean.jacobsen@kphenvironmenmtal.com		
Project Name		**PO #**			
Project Location	Wisconsin	**Special Instructions:**			
Project Number	19-400-207				
Collected By					

Turn Around Time**

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
11B-702	7/9/19		Tile						
11C-702			↓						
12A-702			Plaster						
12B-702									
12C-702									
12D-702									
12E-702									
12F-702									
12G-702									
BA-702	↓		Tile						

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

[1]Type: A=Area, B=Blank, P=Personal, E=Excursion [2]Beginning/End of Sample Period [3]Liters/Minute [4]Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 7/16/19 7:00

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www.slabinc.com • info@slabinc.com

Submitting Co.	KPH Environmental Corp.	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ NO
1237 West Bruce Street		**Acct #**	5063	**Phone**	(414) 647-1530
Milwaukee, WI 53204		**Email**	dean.jacobsen@kphenvironmenmtal.com		
Project Name		**PO #**			
Project Location	Wisconsin	**Special Instructions:**			
Project Number	19-400-207				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
13B-702	7/9/19		Tile						
14A-702			Tile						
14B-702			↓						
14C-702			↓						
15A-702			Insulation						
15B-702			↓						
15C-702			↓						
16A-702			Board						
17A-702			Tile						
17B-702	↓		↓						

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

[1]Type: A=Area, B=Blank, P=Personal, E=Excursion [2]Beginning/End of Sample Period [3]Liters/Minute [4]Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 7/16/19 1200

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Chain-of-Custody documentation continued internally. Terms and conditions page 2

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www.slabinc.com • info@slabinc.com

Submitting Co.	KPH Environmental Corp.	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ NO
1237 West Bruce Street		**Acct #**	5063	**Phone**	(414) 647-1530
Milwaukee, WI 53204		**Email**	dean.jacobsen@kphenvironmenmtal.com		
Project Name		**PO #**			
Project Location	Wisconsin	**Special Instructions:**			
Project Number	19-400-207				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☑ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☑ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
17C-702	7/9/19		Tile						
18A-702			Filler						
18B-702			↓						
18C-702			↓						
19A-702			Black						
19B-702			↓						
19C-702			↓						
20A-702			Linoleum						
20B-702			↓						
20C-702			↓						

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

[1]Type: A=Area, B=Blank, P=Personal, E=Excursion [2]Beginning/End of Sample Period [3]Liters/Minute [4]Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: Dean Jacobsen Date/Time 7/16/19 1700

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Submitting Co.	KPH Environmental Corp.	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ NO
1237 West Bruce Street		**Acct #**	5063	**Phone**	(414) 647-1530
Milwaukee, WI 53204		**Email**	dean.jacobsen@kphenvironmenmtal.com		
Project Name		**PO #**			
Project Location	Wisconsin	**Special Instructions:**			
Project Number	19-400-207				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk

- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air

- ☐ PCM
- ☐ PCM-B Rules

Metals Total

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric

- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous

- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology

- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract

- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
21A-702	7/9/19		C4th						
21B-702	↓		↓						
21C-702									
22A-702			Caulk						
23A-702			Linoleum						
24A-702			Tile						
25A-702			Tile						
25B-702			↓						
25C-702									
26A-702	↓		Tile						

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

[1]Type: A=Area, B=Blank, P=Personal, E=Excursion [2]Beginning/End of Sample Period [3]Liters/Minute [4]Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: Dean Jacobsen Date/Time 7/16/19 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

Chain-of-Custody documentation continued internally. Terms and conditions page 2

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Submitting Co.	KPH Environmental Corp.	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ NO
1237 West Bruce Street		**Acct #**	5063	**Phone**	(414) 647-1530
Milwaukee, WI 53204		**Email**	dean.jacobsen@kphenvironmenmtal.com		
Project Name		**PO #**			
Project Location	Wisconsin	**Special Instructions:**			
Project Number	19-400-207				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
26B-702	7/9/19		Tile						
27A-702			Tile						
27B-702			↓						
27C-702			↓						
28A-702			Linoleum						
29A-702			Glazing						
29B-702			↓						
29C-702			↓						
30A-702			Paper						
30B-702	↓		↓						

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

[1]Type: A=Area, B=Blank, P=Personal, E=Excursion [2]Beginning/End of Sample Period [3]Liters/Minute [4]Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: [signature] Date/Time 7/16/19 1707

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

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www.slabinc.com • info@slabinc.com

Submitting Co.	KPH Environmental Corp.	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ NO
1237 West Bruce Street		**Acct #**	5063	**Phone**	(414) 647-1530
Milwaukee, WI 53204		**Email**	dean.jacobsen@kphenvironmenmtal.com		
Project Name		**PO #**			
Project Location	Wisconsin	**Special Instructions:**			
Project Number	19-400-207				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
30C-702	7/9/19		Paper						
31A-702			Linoleum						
31B-702			↓						
31C-702			↓						
32A-702			Wrap						
32B-702			↓						
32C-702			↓						
33A-702			Roofing						
33B-702			↓						
33C-702	↓		↓						

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

[1]Type: A=Area, B=Blank, P=Personal, E=Excursion [2]Beginning/End of Sample Period [3]Liters/Minute [4]Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 7/16/19 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

Chain-of-Custody documentation continued internally. Terms and conditions page 2

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Submitting Co.	KPH Environmental Corp.	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ NO
1237 West Bruce Street		**Acct #**	5063	**Phone**	(414) 647-1530
Milwaukee, WI 53204		**Email**	dean.jacobsen@kphenvironmenmtal.com		
Project Name		**PO #**			
Project Location	Wisconsin	**Special Instructions:**			
Project Number	19-400-207				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☑ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☑ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
34A-702	7/15/19		Flashing						
34B-702	↓		↓						
34C-702									
35A-702			Flashing						
35B-702			↓						
35C-702									
36A-702			Tile						
36B-702			↓						
36C-702									
37A-702	↓		Board						

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

[1]Type: A=Area, B=Blank, P=Personal, E=Excursion [2]Beginning/End of Sample Period [3]Liters/Minute [4]Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 7/16/19 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

SCHNEIDER LABORATORIES GLOBAL, INC.
2512 West Cary Street, Richmond, Virginia 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475
www.slabinc.com • info@slabinc.com

Submitting Co.	KPH Environmental Corp.	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ NO
1237 West Bruce Street		**Acct #**	5063	**Phone**	(414) 647-1530
Milwaukee, WI 53204		**Email**	dean.jacobsen@kphenvironmenmtal.com		
Project Name		**PO #**			
Project Location	Wisconsin	**Special Instructions:**			
Project Number	19-400-207				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
38A-702	7/15/19		Caulk						
39A-702			Plaster						
39B-702			↓						
39C-702			↓						
40A-702			Gasket						
40B-702			↓						
41A-702			Roofing						
41B-702			↓						
41C-702			↓						
42A-702	↓								

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

[1]Type: A=Area, B=Blank, P=Personal, E=Excursion [2]Beginning/End of Sample Period [3]Liters/Minute [4]Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: [signature] Date/Time 7/16/19 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

SCHNEIDER LABORATORIES GLOBAL, INC.

2512 West Cary Street, Richmond, Virginia 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475
www.slabinc.com • info@slabinc.com

Submitting Co.	KPH Environmental Corp.	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ NO
1237 West Bruce Street		**Acct #**	5063	**Phone**	(414) 647-1530
Milwaukee, WI 53204		**Email**	dean.jacobsen@kphenvironmenmtal.com		
Project Name		**PO #**			
Project Location	Wisconsin	**Special Instructions:**			
Project Number	19-400-207				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
43A-702	7/15/16		Tile						
43B-702			↓						
43C-702			↓						
44A-702			Tile						
45A-702			Insulation						
46A-702			Tile						
46B-702			↓						
46C-702			↓						
47A-702			Insulation						
47B-702			↓						

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

[1]Type: A=Area, B=Blank, P=Personal, E=Excursion [2]Beginning/End of Sample Period [3]Liters/Minute [4]Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 7/16/19 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

SCHNEIDER LABORATORIES GLOBAL, INC.
2512 West Cary Street, Richmond, Virginia 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475
www.slabinc.com • info@slabinc.com

Submitting Co.	KPH Environmental Corp.	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ NO
1237 West Bruce Street		**Acct #**	5063	**Phone**	(414) 647-1530
Milwaukee, WI 53204		**Email**	dean.jacobsen@kphenvironmenmtal.com		
Project Name		**PO #**			
Project Location	Wisconsin	**Special Instructions:**			
Project Number	19-400-207				
Collected By					

Turn Around Time **
- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests
** past 3 PM the TAT will begin next business day
Please schedule rush tests in advance

Matrix
- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg, Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
47C-702	7/15/19		Insulation						
48A-702	"		Tile						
49A-702	"		Mastic						
49B-702	"		"						
49C-702	"		"						
50A-702	"		Tile						
51A-702	"		Caulk						
52A-702	"		Caulk						
53A-702	"		Caulk						
53B-702	"		"						

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

[1]Type: A=Area, B=Blank, P=Personal, E=Excursion [2]Beginning/End of Sample Period [3]Liters/Minute [4]Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: Dean Jacobsen Date/Time 7/16/19 1200

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

Chain-of-Custody documentation continued internally. Terms and conditions page 2

SCHNEIDER LABORATORIES GLOBAL, INC.

2512 West Cary Street, Richmond, Virginia 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475
www.slabinc.com • info@slabinc.com

Submitting Co.	KPH Environmental Corp.	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ NO
1237 West Bruce Street		**Acct #**	5063	**Phone**	(414) 647-1530
Milwaukee, WI 53204		**Email**	dean.jacobsen@kphenvironmenmtal.com		
Project Name		**PO #**			
Project Location	Wisconsin	**Special Instructions:**			
Project Number	19-400-207				
Collected By					

Turn Around Time **

- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests

** past 3 PM the TAT will begin next business day

Please schedule rush tests in advance

Matrix

- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk

- ☒ PLM
- ☐ PLM Qualitative
- ☐ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air

- ☐ PCM
- ☐ PCM-B Rules

Metals Total

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric

- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP

- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous

- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology

- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract

- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
53C-702	7/15/19		Caulk						
54A-702	"		Mortar						
54B-702	"		"						
54C-702	"		"						

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis

[1]Type: A=Area, B=Blank, P=Personal, E=Excursion [2]Beginning/End of Sample Period [3]Liters/Minute [4]Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: _____ Date/Time 7/16/19 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

Analysis Report

Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: KPH Environmental Corp. (5063)
Address: 1237 West Bruce Street
Milwaukee, WI 53204

Order #: 328142

Received 07/25/19
Analyzed 07/30/19
Reported 07/30/19

Attn:

Project:
Location: Wisconsin
Number: 19-400-207

Method: EPA 600/R-93/116 & 40 CFR App. E Sub. E Pt. 763 with Point Count **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
328142-001	07/09/19	3A-702	Wisconsin		
Layer 1: Caulk White, Granular, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
328142-002	07/09/19	17A-702	Wisconsin		
Layer 1: Tile Red, Organically Bound, Homogenous				0.25% CHRYSOTILE	99.75% NON FIBROUS MATERIAL
Layer 2: Mastic Black, Bituminous, Homogenous				0.75% CHRYSOTILE	99.25% NON FIBROUS MATERIAL
328142-003	07/15/19	46A-702	Wisconsin		
Layer 1: Tile Red, Organically Bound, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
328142-004	07/15/19	53C-702	Wisconsin		
Layer 1: Caulk Beige, Granular, Homogenous				0.75% CHRYSOTILE	99.25% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%
Total layers analyzed on order: 5

328142-07/30/19 04:23 PM

Analyst **Mohammed Hashim**

Reviewed By: **Irma Faszewski**
QAQC Director

Reporting limit: 0.25% Samples analyzed by the EPA Point Count test method. The EPA recommends that any vermiculite sample with a trace (<1) or greater amount of asbestos is a concern and should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the lab, and must not be used to claim NVLAP or other government agency endorsement. The test results reported relate only to the samples submitted.

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2512 West Cary Street, Richmond, Virginia 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475
www.slabinc.com • info@slabinc.com

328142 S 4
V:\328\328142
vthrasher 7/25/2019 2:31:00 PM
Hand Delivered

Submitting Co.	KPH Environmental Corp.	**State of Collection**	WI	**Cert. Required**	☐ YES ☐ NO
1237 West Bruce Street		**Acct #**	5063	**Phone**	(414) 647-1530
Milwaukee, WI 53204		**Email**	dean.jacobsen@kphenvironmenmtal.com		
Project Name		**PO #**			
Project Location	Wisconsin	**Special Instructions:** Order #: 326358			
Project Number	19-400-207				
Collected By					

Turn Around Time **
- ☐ 2 Hour *
- ☐ Same day *
- ☐ 1 business day
- ☐ 2 business days
- ☑ 3 business days
- ☐ 5 business days

* not available for all tests
** past 3 PM the TAT will begin next business day.
Please schedule rush tests in advance

Matrix
- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

Tests/Analytes (Select ALL that Apply) Blank spaces are for additional analytes

Asbestos in Bulk
- ☐ PLM
- ☐ PLM Qualitative
- ☒ 400 Point Count
- ☐ 1000 Point Count
- ☐ Gravimetric Prep

Asbestos in Air
- ☐ PCM
- ☐ PCM-B Rules

Metals Total
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Chromium VI
- ☐ Mercury
- ☐ _____

Gravimetric
- ☐ Total Dust NIOSH 0500
- ☐ Resp. Dust NIOSH 0600

TCLP
- ☐ Lead
- ☐ RCRA 8 Metals
- ☐ Full TCLP (w/ organics 10 Day)

Miscellaneous
- ☐ Silica FTIR (7602)
- ☐ _____

Microbiology
- ☐ BACT (MPN/PA)
- ☐ Mold Direct Exam
- ☐ Allergens

Sub-Contract
- ☐ TEM Chatfield
- ☐ TEM AHERA
- ☐ TEM 7402
- ☐ Silica XRD (7500)

Sample #	Date Sampled	Time Sampled	Sample Identification (Employee, Bldg,Material, Type[1])	Wipe Area	Time[2] Start	Time[2] Stop	Flow Rate[3] Start	Flow Rate[3] Stop	Total Air[4]
3A-702	7/9/19								
17A-702	↓		Red Tile & Black Mastic						
46A-702	7/15/19		Red Tile						
53C-702	↓								

For Aqueous and Solid samples ensure enough sample is sent for duplicate and spike analysis
[1]Type: A=Area, B=Blank, P=Personal, E=Excursion [2]Beginning/End of Sample Period [3]Liters/Minute [4]Volume in Liters [time in min × flow in L/min]

Relinquished By: Dean Jacobsen Signature: [signature] Date/Time 7/25/19 1325

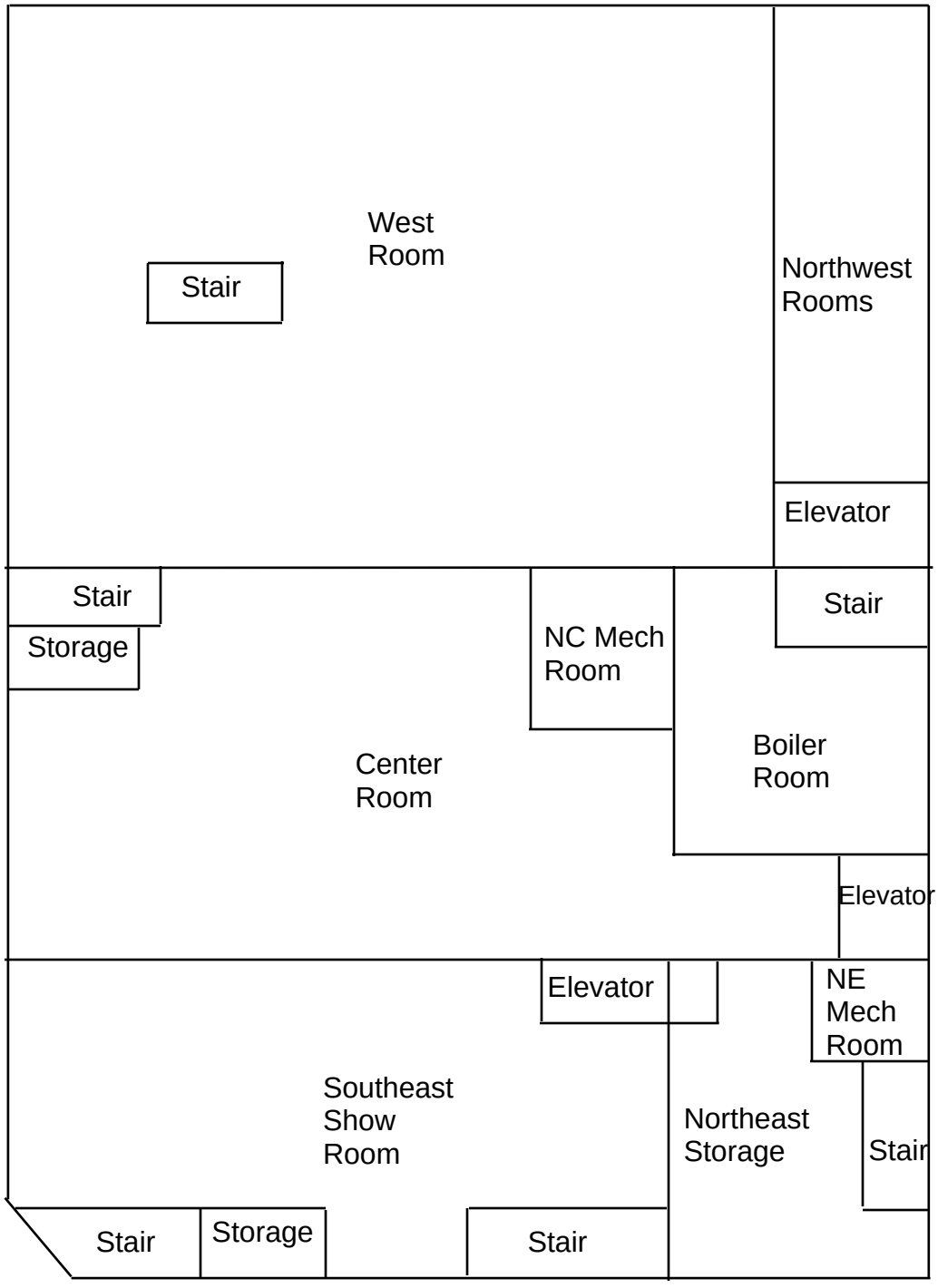
! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

B. FLOOR PLANS

Commercial Building
702 58th Street
Kenosha, Wisconsin

N

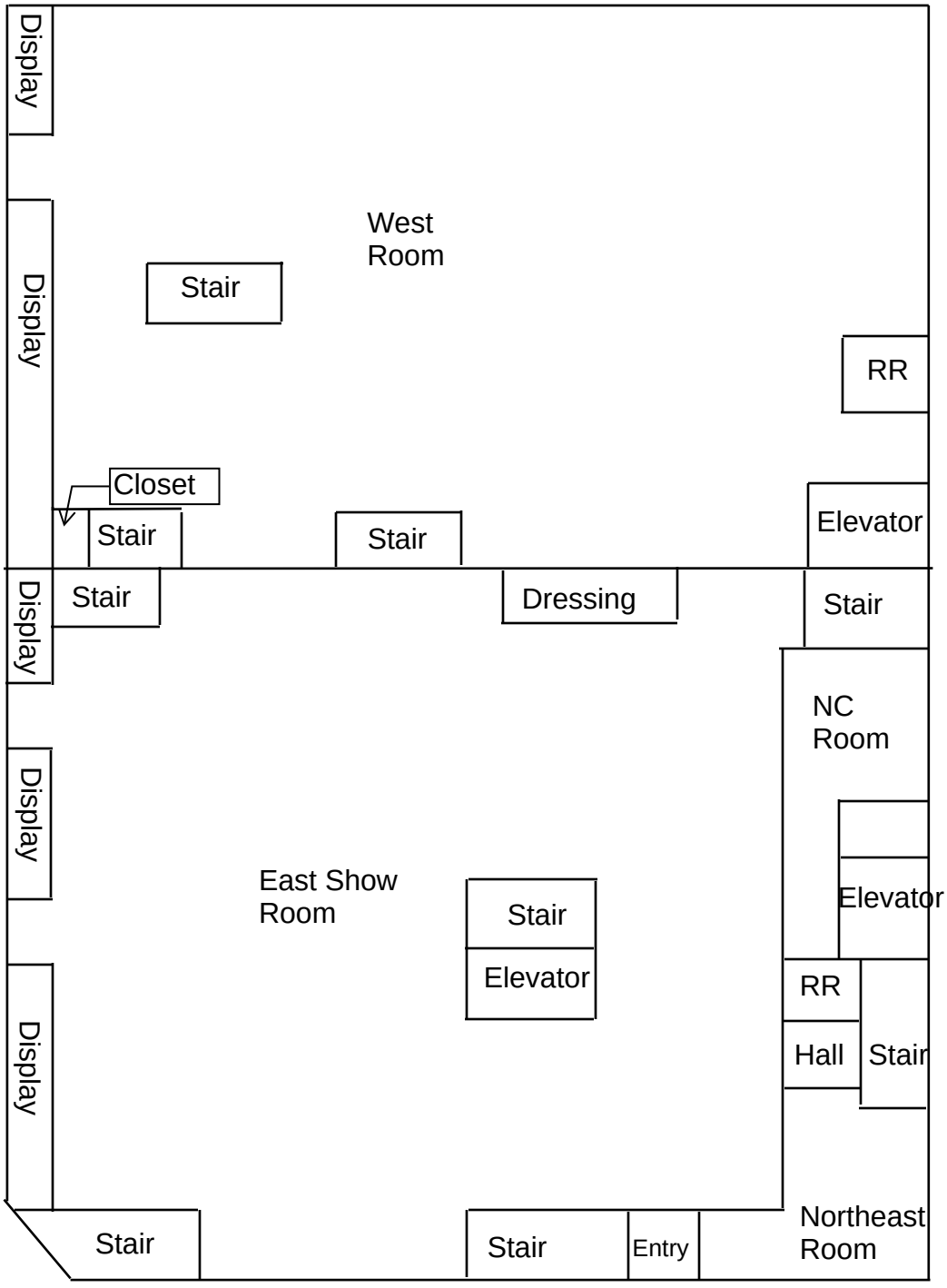
Basement Floor Plan



Commercial Building
702 58th Street
Kenosha, Wisconsin

N

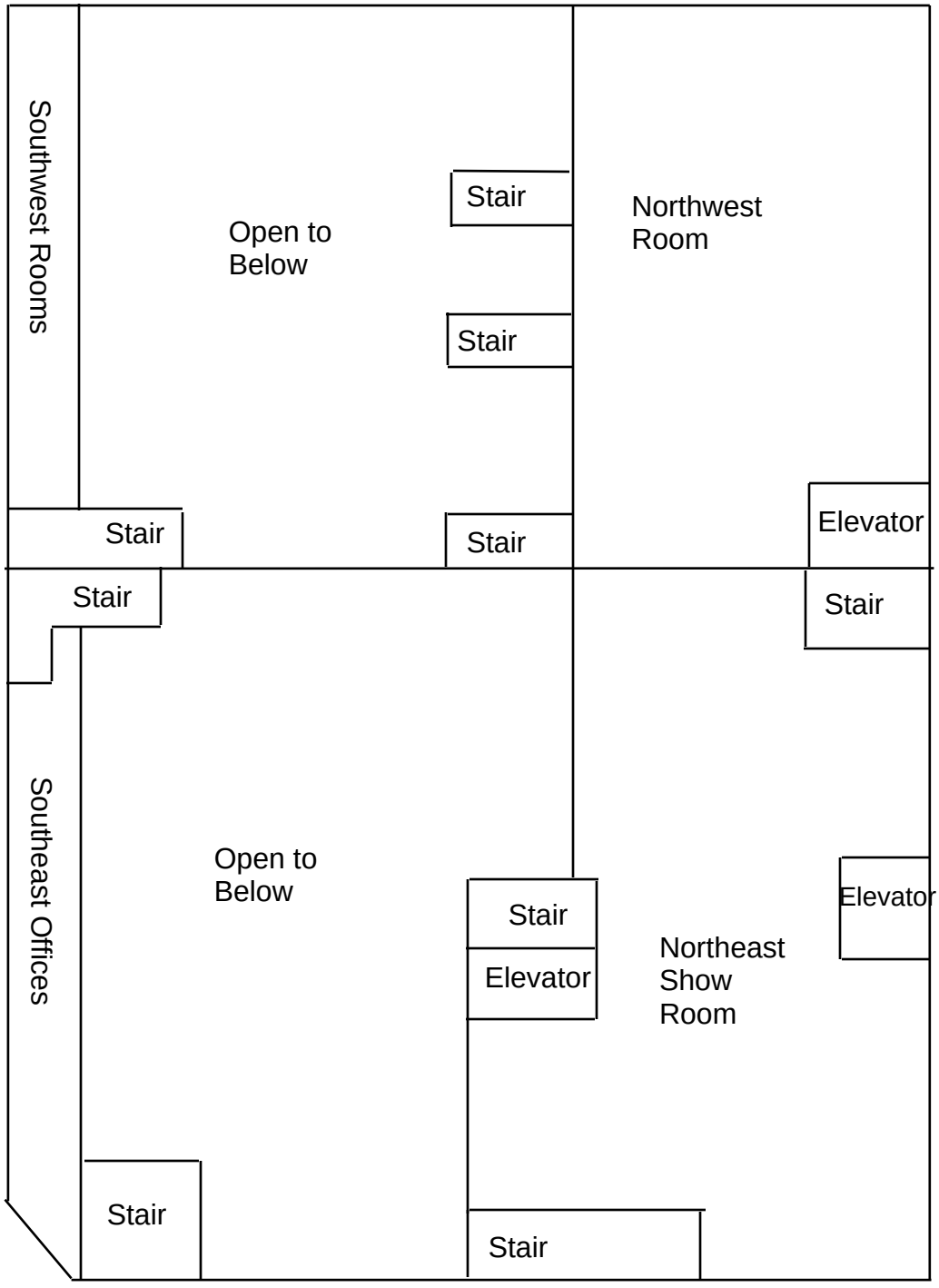
1st Floor Plan



Commercial Building
702 58th Street
Kenosha, Wisconsin

N

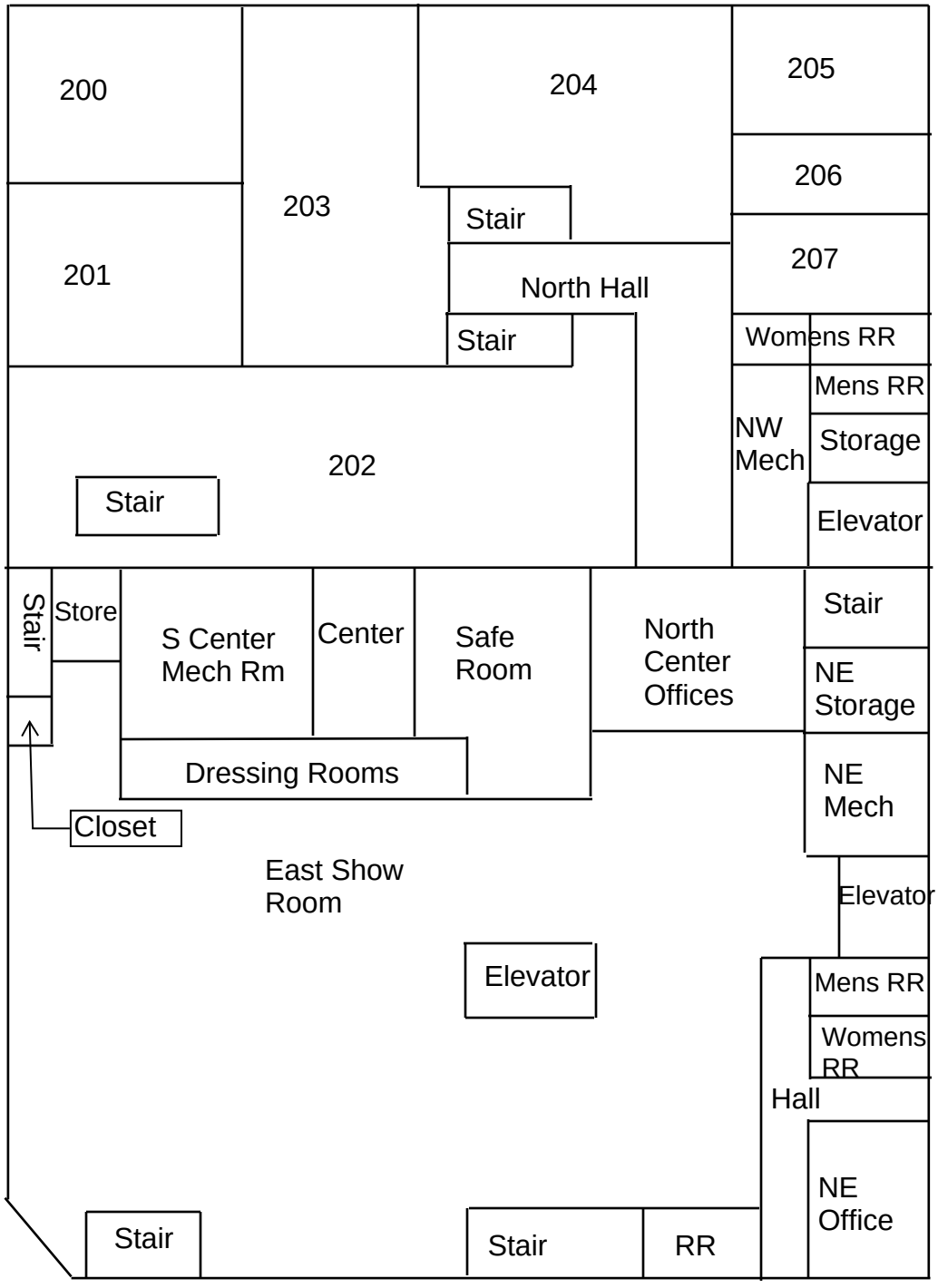
Mezzanine Floor Plan



Commercial Building
702 58th Street
Kenosha, Wisconsin

N

2nd Floor Plan



C. KPH CERTIFICATION

Company Certificate

This certifies that

KPH ENVIRONMENTAL CORPORATION

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

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

Asbestos Company - Primary

Certificate Issue Date: 07/09/2018
Expiration Date: 09/10/2020, 12:01 a.m.
Certification #: CAP-1432180

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

Shelley A Bruce,
Unit Supervisor

Scott Walker
Governor

Linda Seemeyer
Secretary

December 11, 2018

State of Wisconsin
Department of Health Services

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

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

DEAN T JACOBSEN
W131S6781 KIPLING DR
MUSKEGO WI 53150-3401

ID# AII-14370

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

Follow Wisconsin law by making sure that you:

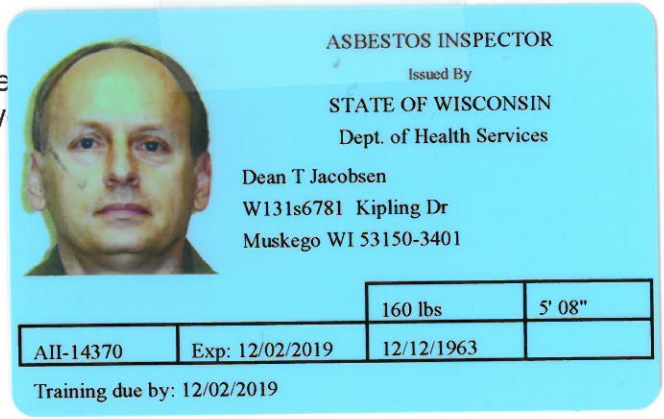
1. Have your blue card with you when doing regulated work.
2. Work safely using the methods you learned in training.
3. Keep your mailing address up to date. We mail a reminder when it's time to renew your blue card. Update your address by emailing DHSAsbestosLead@wi.gov, by using our Lead and Asbestos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

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

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

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

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



COPY

Clark Dietz

Engineering Quality of Life®

June 18, 2019

Zohrab Khaligian
Community Development Specialist III
Community Development & Inspections
625 52nd Street - Room 308
Kenosha, WI 53140

Re: Alford Building - 702 58th Street

Dear Mr. Khaligian:

At your request I inspected structural components of the Alford Building located at 702 58th Street in downtown Kenosha on June 14, 2019 to assess the building's structure in areas of concern to provide safe support for an abatement inspector to obtain samples and provide advisory recommendations for an abatement contractor to perform removals. The specific areas of concern were the mezzanine and 3rd floor on the eastern half of the building where water leaking from the roof has caused observable damage. Water damage and active water leaking were not observed in the western side of the building and inspection was not made of that area.

The general layout of the eastern half of the building was roughly determined as shown in the attached sketches. The eastern half of the building above the basement is a steel frame structure with steel columns and steel beams for primary support. Most of the steel columns and some of the beams were covered with clay tile and plaster. Connections between members were not visible. Most of the floor area between steel beams are supported by rows of steel bar joists with a cast-in-place concrete slab top. Some areas of the mezzanine were observed to be supported by solid wood joists with a lumber plank subfloor. The area known to have wood joists and flooring in the mezzanine are shown in the sketches. Areas of the wood joists were roughly determined by making exploratory holes in the first-floor ceiling below the mezzanine. The entire 3rd floor appears to be constructed of steel joists with concrete floors. The floors above the structural slab or wood subfloor were covered with lumber decking and finished with floor tile in most areas or carpet. A few smaller rooms and stairs had bare wood flooring.

I was able to traverse most areas of the eastern half of the building although with piles of ceiling debris, fallen fixtures, and collapsed chases to avoid. Water was actively leaking at the time of the inspection due to ponded water on the roof. The interior of the building was markedly humid and the smell of mold prevalent. Areas of deteriorated plaster ceiling generally provide a good indication of areas affected by leaking water.

Observed deterioration with respect to the structural condition and access include the following:

- 1st Floor (street level)
  - Most floor tiles were either loose or easily removed.
  - Wood deck flooring below tiles were buckled or rotted in several areas.
  - Concrete floor appeared to be sound and firm throughout.
  - Ceiling below the 3rd floor was deteriorated in many areas with either falling or hanging material. The steel joists and concrete slab supporting the 3rd floor were exposed in these areas.
  - Ceiling below the mezzanine had less deterioration and most of the mezzanine structure was not visible. The mezzanine floor structure was determined in some areas by removing portions of the ceiling plaster.
- Mezzanine (2nd floor)
  - Very wet areas with a lot of debris were not traversed due to concern for the condition of the wood subfloor. The plaster ceilings above these areas were completely deteriorated. These areas are indicated on the sketches.
  - Most floor tiles were either loose or easily removed.
  - A notably wet area was investigated from the 1st floor by removing the ceiling finish. The mezzanine floor was supported by wood joists with diagonal plank subfloor. The wood joists were dark and wet. The diagonal plank subfloor was also saturated and discolored. The joists that could be seen, though wet, appeared to be otherwise intact and to provide modest support. Due to the small area observed, the condition of the all joists should not be assumed to be in similar condition.
  - Another area investigated from below that was dry, showed the typical color of dry lumber not affected by water or mold. The dry joists and plank flooring appeared in relatively good condition this area.
  - An area supported by bar joists with concrete floor was investigated from the 1st floor. The type of construction appears like the 3rd floor structure. The bar joists observed had surface rust but otherwise appeared plumb and sound. The concrete slab appeared to have been cast on a form comprised of a wire supported bituminous fabric. The concrete appeared to bow downward between joists by varying amounts. Some bowing would be expected for this type of formwork. The bituminous fabric was damp and could be easily scraped away to reveal the bare concrete surface.
  - On the south side of the building is a balcony with offices to the south. Water has damaged part of the balcony as indicated by the locations where the railing or parapet is bowing outwards.
    - The balcony was sounded from the top side as it was traversed and found to be supportive.
    - The railing where bowed was not loose.
    - The rooms were found to have some buckled floorboards. The floors of the room were found to be sound and were traversed.
- 3rd Floor
  - Most 3rd floor areas were traversed though fallen debris limited access to some areas. Some of the small rooms or spaces enclosed by partitions were not entered.
  - The floor was buckled in several areas. The wood floor was soft and rotted through in some of the very wet areas.
    - The rotted floor was removed in some areas to examine the type of floor construction and to locate the top of the concrete slab.

- The top of the concrete slab accessed in the wet area was found to be damp with a chalky or pasty surface and with exposed aggregate.
  - The underside of the concrete slab in this area was visible from the mezzanine below. The slab was observed to be bulging downward between joists much more than in some other areas observed. There were noticeable voids in the concrete. The bulging of the slab may indicate deterioration of the slab caused by water infiltration and subsequent freezing and expanding of the water in winter months.
  - Rust on the steel joists in this area was more significant than observed in other areas but appeared to be superficial.

- Stairs
  - All stairs were traversed except for the southeast stairway between the balcony and the 3rd floor.
    - Large pieces of debris had fallen onto the stair leading from the mezzanine up to the 3rd floor at the southeast corner of the building. Due to the debris, the stair was not traversed.
  - Most stairs are covered with fallen ceiling debris.

- Elevators
  - Elevator cabins and shafts were not accessed, and no evaluation is provided as to their integrity.

Based on the work we understand the City to undertake we provide the following recommendations:

- Abatement Inspector – Collecting Samples
  - Other than for taking samples, we assume that disturbing existing materials and debris will be kept to a minimum.
  - Most areas of the eastern half of the building can be safely assessed as noted above apart from a few areas on the mezzanine.
    - If it is determined that the potentially unsafe areas of the mezzanine need to be accessed, we recommend that adjacent sheets of 1/2" minimum thick plywood with minimum dimensions of 36” x 36” be lain down over the areas to be walked. Areas with large debris piles should be avoided since the plywood cannot be lain flat without disturbing the debris.
  - The inspector will need to walk carefully to avoid tripping or slipping on debris throughout much of the eastern half of the building.
  - The surface of the wood decking on the 3rd floor may be soft with the potential of crushing the wood or stepping through seriously deteriorated wood. There are also a couple of holes in the floor from this inspection.
  - If a ladder is to be used to access higher areas, the floor should be sounded with rod to verify the condition prior to placement. To protect against a ladder leg puncturing hole in the floor, the ladder can also be placed on 1/2” thick plywood provided the plywood is prevented from slipping.

- Abatement Removal Contractor
  - These recommendations are general and advisory assuming significant disturbance to the building may occur including removal of wall, ceiling and floor coverings, and removing already fallen debris. The abatement removal contractor should be responsible for means and methods including selection of equipment and transport of debris within the building.

- The ceiling plaster below the mezzanine floor including the area around the mechanical chases should be removed prior to beginning work on the floor surface of the mezzanine.
  - With the ceiling removed, the mezzanine floor structure can be identified for each area including areas supported by wood and steel joists.
  - The condition of wood joists and the plank floor can be assessed and areas to be covered with planks or other temporary strengthening determined as work progresses up through the building.
- The ceiling under the mezzanine balcony and rooms on the south side of the eastern half of the building should also be removed to identify the type and extent of the floor support in that area prior to beginning removals on the mezzanine.
- Lumber planking (1½" thick) running perpendicular to floor joists should be placed along paths used to haul debris or frequently traversed by personnel. This applies to the mezzanine and 3rd floor areas.
  - If the abatement includes the wood floor covering the mezzanine supported by wood joists and lumber subfloor, the lumber planking should be placed on both the wood floor covering where not yet removed and over the lumber subfloor after flooring removal.
  - If the abatement is to include the wood floor covering the concrete slabs, the lumber planking should be placed on both the wood floor covering where not yet removed and over the bare concrete surface after the floor covering is removed.
- The structure of the stairs was not determined in the inspection. Avoid placing heavy loads on the stairs without the structure of the stairs being made visible and the condition assessed by an engineer.

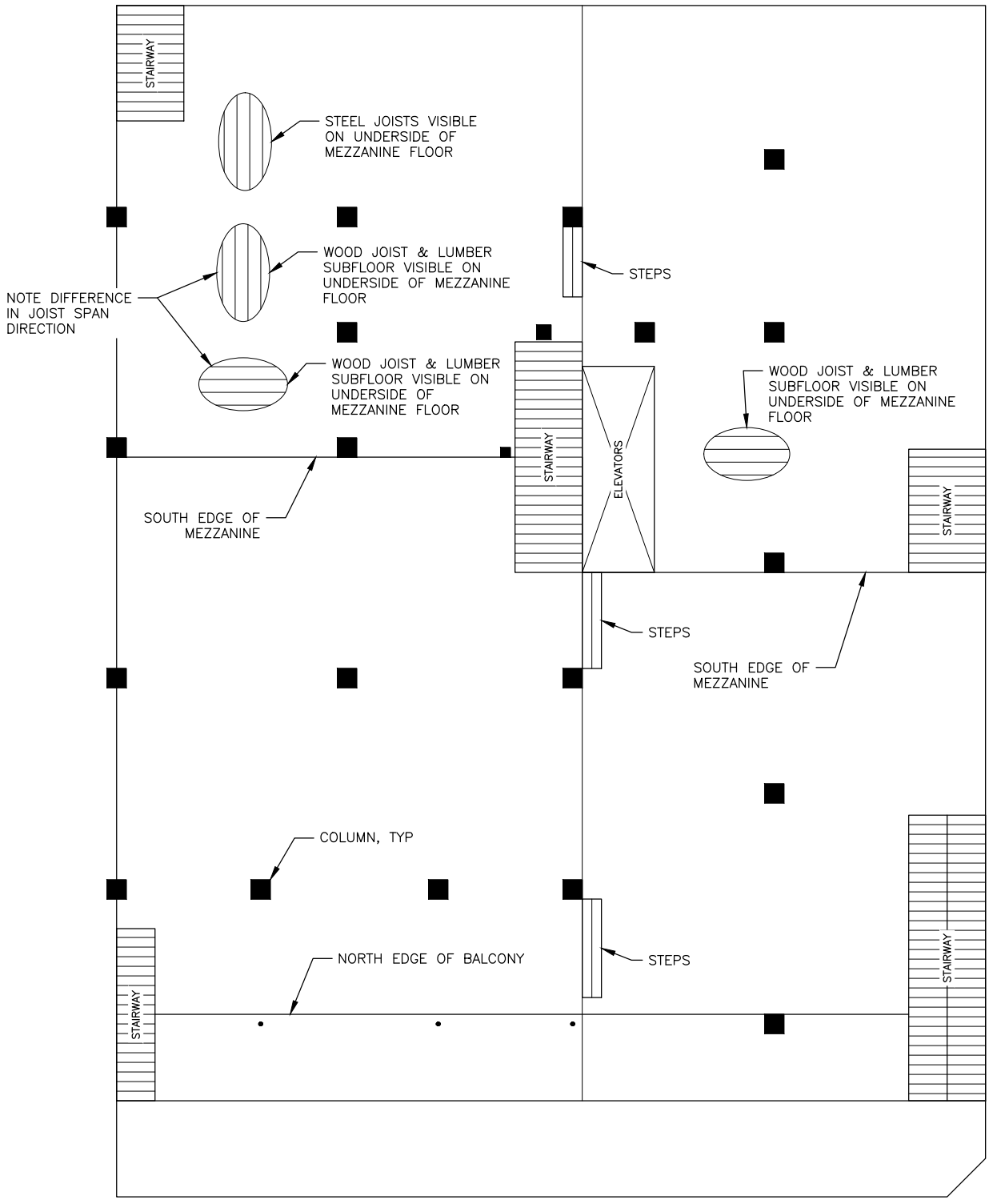
These recommendations are based on limited observations made at the time of inspection. Although some inspection holes were made, not all areas could be assessed due to existing wall coverings. Should several months pass from the time of the inspection prior to further work being done, the findings and recommendations may not reflect the current conditions, and follow-up inspection would be recommended. If further assistance is needed or you have questions do not hesitate to contact us.

Sincerely,

Sean Marzano, S.E., P.E.

Senior Structural Engineer
E-mail: sean.marzano@clarkdietz.com

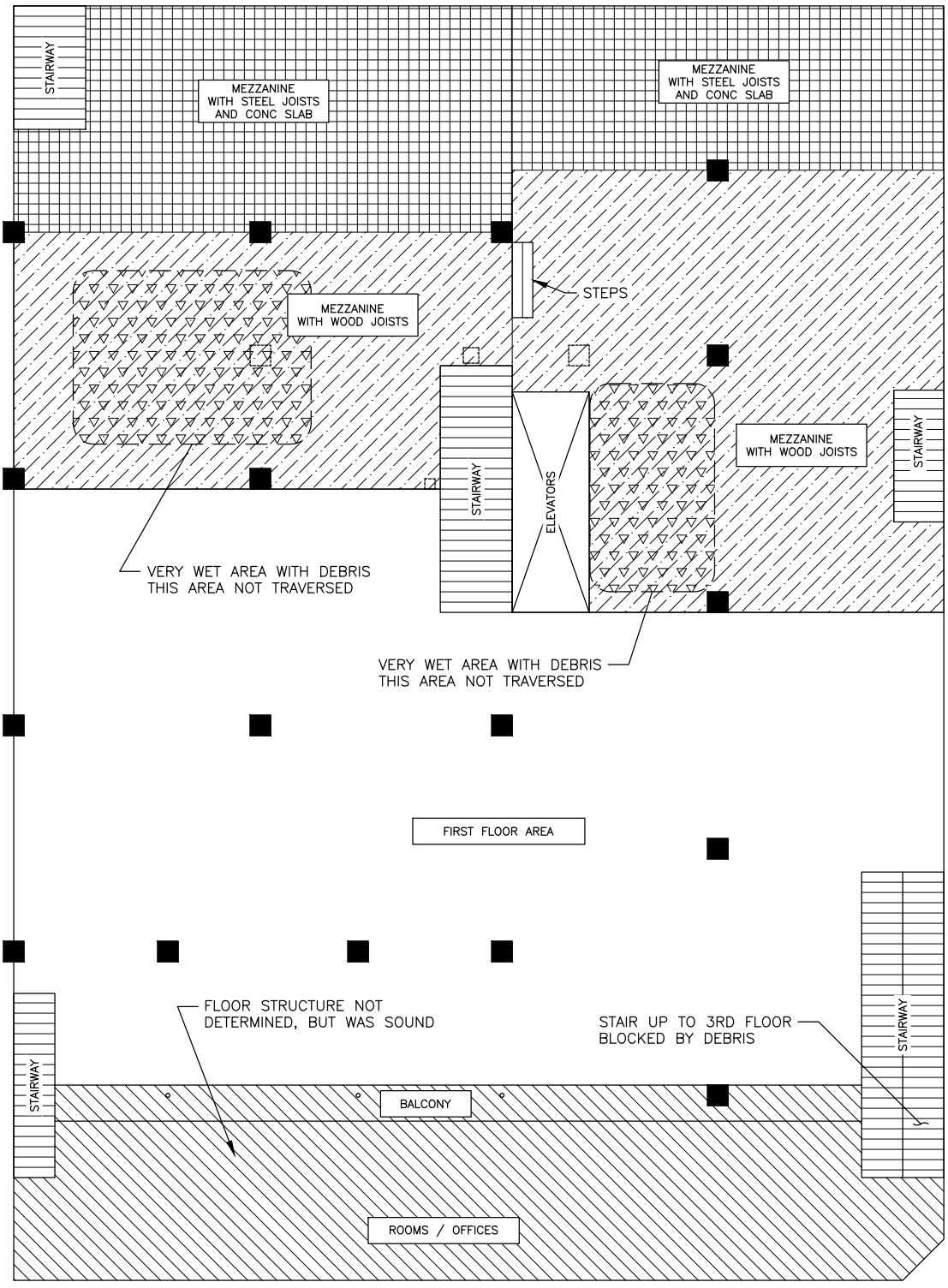
cc: Kevin Risch, P.E., John Boldt, P.E.



NOTE: DRAWING NOT TO SCALE

FIRST FLOOR (STREET LEVEL)
(EAST HALF OF BUILDING)

ALFORD BUILDING
702 58TH STREET
KENOSHA, WI



NOTE: DRAWING NOT TO SCALE

MEZZANINE (SECOND FLOOR)
(EAST HALF OF BUILDING)

ALFORD BUILDING
702 58TH STREET
KENOSHA, WI