THE CITY OF KENOSHA, WISCONSIN
REQUEST FOR PROPOSAL TO REMOVE AND DISPOSE
OF ASBESTOS CONTAINING MATERIAL AND UNIVERSAL WASTE,
RAZE STRUCTURE(S), AND RESTORE LOT(S) WITH INSTRUCTIONS TO PROPOSERS

PROPOSAL NO. 05-19

ISSUED: Tuesday, April 30, 2019

The City of Kenosha, Wisconsin, will receive proposals for the removal and disposal of Asbestos Containing Material and Universal Waste, the razing of the structure(s), and the restoration of the lot(s) described below in accordance with this Request for Proposal with Instructions to Proposers and the enclosed Detailed Description of Work to be Performed, the Environmental Inspection Reports, the General Specifications and Conditions, and the Contract.

DEADLINE FOR RECEIPT OF PROPOSAL. Tuesday, May 21, 2019 at 2:30 P.M.

PROPOSAL OPENING. Tuesday, May 21, 2019 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, Community Development and Inspections, 625 52nd Street, Room 308, Kenosha, Wisconsin 53140, (262) 653-4030, zkhaligian@kenosha.org

ASBESTOS AND UNIVERSAL WASTE REMOVAL AND DISPOSAL. Environmental Inspection Reports indicating the description, location and quantity of Category I, Category II, Regulated Asbestos Containing Material (RACM), and Universal Waste to be removed and disposed of are attached. The Proposer shall be certified by the Wisconsin Department of Health Services to perform asbestos removal and disposal or shall be required to subcontract with an entity certified by the Wisconsin Department of Health Services to perform asbestos removal and disposal. Proof of certification shall be provided to the City. The Proposer shall file all reports regarding asbestos removal and disposal required by Federal and State law, rules and regulations. All Category I, Category II, Regulated Asbestos Containing Material (RACM), and Universal Waste shall be removed prior to razing the structure(s).

STRUCTURE(S) TO BE RAZED AND LOT(S) TO BE RESTORED.

Address:	1712 50th Street
Tax Parcel No.:	12-223-31-204-028
Description:	One and one-half story single family frame built building constructed in 1930 with approximately 1,176 square feet
Address:	1714 50th Street
Tax Parcel No.:	12-223-31-204-028
Description:	Two story, two family frame built building constructed in 1910 with approximately 2,292 square feet
Address:	6028 15th Avenue
Tax Parcel No.:	05-123-06-203-013
Description:	Two story, two family frame built building constructed in 1880 with approximately 1,253 square feet
Address:	6350 28th Avenue
Tax Parcel No.:	01-122-01-153-019
Description:	One and one-half story, two family frame built building constructed in 1903 with approximately 1,426 square feet

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(s) upon which the Work will be performed to assess conditions and to review any City furnished data.

The City will open the structure(s) and lot(s) on Wednesday, May 8, 2019 to give Proposers an opportunity to inspect the structure(s) and to ask staff questions. Each Proposer will be required to provide their own lighting and ladders for their inspections.

Inspections will commence at 10:00 A.M. at 6350 28th Avenue.

The City will not accept a Proposal from any Proposer who has not signed in indicating that the Proposer has inspected the structure(s) and lot(s), 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), and Universal Waste, 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 a Proposal for an individual structure and lot, any combination of structures and lots, or all structures and lots, to accept Proposal(s) 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 obtaining a Raze Permit and time of 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).

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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 (RACM) and Universal Waste, Raze Structure(s) and to Restore Lot(s) 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.

1712 50th Street — Address
12-223-31-204-028 — Tax Parcel No.

$_____ Dollar Amount
_____ Written Dollar Amount

1714 50th Street — Address
12-223-31-204-028 — Tax Parcel No.

$_____ Dollar Amount
_____ Written Dollar Amount

6028 15th Avenue — Address
05-123-06-203-013 — Tax Parcel No.

$_____ Dollar Amount
_____ Written Dollar Amount

6350 28th Avenue — Address
01-122-01-153-019 — Tax Parcel No.

$_____ Dollar Amount
_____ Written Dollar Amount

$_____ **TOTAL DOLLAR AMOUNT**
_____ **TOTAL WRITTEN DOLLAR AMOUNT**

DISPOSAL SITE: _____

DISPOSAL SITE PERMIT NUMBER: _____

Continued on next page

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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DETAILED DESCRIPTION OF WORK TO BE PERFORMED

The following tasks which are hereafter referred to as the "Work" are to be performed in accordance with the Request for Proposal with Instructions to Proposers, the Environmental Inspection Reports, the General Specifications and Conditions, and the Contract.

1712 50th Street, 1714 50th Street, 6028 15th Avenue, 6350 28th Avenue
Remove and dispose of all Category I, Category II and RACM materials and Universal Wastes (except at 1712 & 1714 50th Street), raze and remove all debris from the entire structure, including basement walls and floors, and parcel, remove and replace any sidewalk and curbing as marked by City, remove and cap at curb all sanitary sewer and water laterals, grade and seed lot per specifications and Erosion Control Plan, and obtain necessary Federal, State and local permits.

PLEASE NOTE: Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 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:

- 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. According to the WDNR Concrete Recycling and Disposal Fact Sheet, 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 Department (DNR Form 4400-274)

1712 & 1714 50th Street
PLEASE NOTE: All Category I, Category II and RACM materials and Universal Wastes have been removed and disposed of from these buildings
1. Remove concrete driveway approach and driveway on east side of parcel and replace approach with fullhead concrete curb & gutter
2. Remove private concrete sidewalks north, east and south side of 1714
3. Remove and stump all trees on parcel
4. Cut back branches of trees that hangover parcel from adjacent parcels

6028 15th Avenue
1. Remove private concrete sidewalk on east side of parcel, miscellaneous concrete slab on south side of parcel, and brick walks on north and west side of parcel
2. Remove and stump three (3) large trees on north side of parcel and any stumps and all brush on west side of parcel
3. Remove, don't stump, large tree on southwest side of parcel in order to not damage cyclone fence on adjacent parcel
4. Remove metal fencing on north side of parcel
5. Remove stockade fence on south side of parcel as well as broken fencing on north and west side of parcel

6350 28th Avenue
1. Remove concrete driveway approach and driveway on west side of parcel and replace approach with fullhead concrete curb & gutter
2. Remove private concrete sidewalks on all sides of building
3. Remove and stump two trees on west side of parcel
4. Remove, don't stump, two trees in northwest corner of parcel in order to not damage cyclone fence on north side of parcel
5. Remove cyclone fence on west side of parcel
6. Remove metal antenna and two (2) metal posts on south side of parcel

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GENERAL SPECIFICATIONS AND CONDITIONS

ASBESTOS CONTAINING MATERIAL AND UNIVERSAL WASTE. Category I, Category II, and Regulated Asbestos Containing Material (RACM), are defined in 40 C.F.R. 61.141. Universal Wastes 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.

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 Community Development and Inspections at the time of permitting.

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 Community Development and Inspections 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 fifteen (15) calendar days of notification of execution of the Contract with directions to proceed from the City. The Work shall be completed within sixty (60) 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.

UTILITY SERVICES. The Contractor shall be required to contact Diggers Hotline for utility locations prior to the commencement of any Work. Prior to obtaining a Raze Permit, the Contractor shall disconnect and cap all sanitary sewer, storm sewer and water laterals in accordance with Chapter 32 of the Code of General Ordinances. The City shall disconnect gas and electrical power and remove power lines from the structure(s) to be razed.

FOUNDATION, FLOOR AND CONCRETE REMOVAL. The foundation and floor shall be completely removed. All concrete and/or gravel on the premises except for City public sidewalks not marked shall be removed. The Contractor must contact the Department of Community Development and Inspections for an inspection of the excavation before backfilling begins on-site.

DRIVEWAY APPROACH REMOVAL AND SITE RESTORATION. The Contractor shall remove existing driveway approaches within the property limits. This Work shall also include disposing of the resulting materials, backfilling trenches and pits with appropriate backfill material, seeding and mulching, and site cleanup. The Contractor shall obtain all permits required for removing driveway approaches prior to beginning Work within the public right of-way. If any utilities or structures exist within the removal limits, the Contractor shall be responsible for contacting the City and other appropriate authorities promptly.

CURB AND GUTTER REMOVAL AND REPLACEMENT. The Contractor shall remove the existing concrete curb and gutter driveway opening to an existing joint and shall replace said section with a "full-head" concrete curb and gutter. This Work shall be done in accordance with the current edition of the Wisconsin Department of Transportation Standard Specifications for Highway and Structure Construction.

If an existing curb and gutter section is overlaid with asphaltic pavement, the Contractor shall reconstruct the curb and gutter section and resurface it with asphaltic pavement. The Contractor shall saw-cut the pavement and curb and gutter section in accordance with the Department of Public Works requirements. This Work shall be inspected prior to pouring.

This Work shall also consist of saw-cutting, removing and replacing unsuitable foundation underlying the curb and gutter section; providing, installing and compacting crushed aggregate base course; concrete masonry, expansion felt, finishing, curing and protecting; cleaning, backfilling, restoring disturbed areas and disposal of excess material; tools, labor, material, equipment, and other incidentals necessary to complete the Work. The Contractor shall obtain all permits required for removing and replacing curb and gutter prior to the beginning such Work within the public right-of-way. If any utilities or structures exist within the removal limits, the Contractor shall be responsible for contacting the City and other appropriate authorities promptly.

PUBLIC SIDEWALK REMOVAL AND REPLACEMENT. The Contractor shall remove and replace any public sidewalk marked for removal by the City and any public sidewalk damaged by the Contractor in course of performing the Work. The replacement shall be done using 1-1/4" base aggregate. The Contractor shall be responsible for maintaining the integrity of the public sidewalk after the removal of the foundation walls. The Contractor shall obtain all required permits for the removal and replacement of any public sidewalk. If the public sidewalk is undermined during the raze process, the City of Kenosha's Department of Public Works shall, in its sole discretion, decide whether the sidewalk must be reconstructed and replaced. The Work shall consist of saw-cutting, removing and replacing unsuitable foundation underlying the public sidewalk; providing, installing, and compacting crushed aggregate base course; concrete masonry, expansion felt, finishing, curing and protecting; cleaning, backfilling, restoring disturbed areas and disposal of excess material; tools, labor, material, equipment and all other incidentals necessary to complete Work in accordance with the current edition of the Wisconsin Department of Transportation Standard Specifications for Highway and Structure Construction.

REMOVAL OF MATERIAL AND DEBRIS. The Contractor shall remove all combustible material, shrubs, junk and debris from the site.

DAMAGE OR THEFT. The City does not assume any responsibility to protect any structure or the contents thereof, including, but not limited to, salvageable furnishings, fixtures, or attachments of whatever kind or nature so as to permit salvage prior to the time of razing. The City shall not be liable to the Contractor for any loss, destruction, theft or removal of any property from the premises nor shall the Contractor be entitled to any allowance or other claim against the City should any of said acts occur.

FILL MATERIAL AND FINAL GRADING. The Contractor shall use clean fill material with stones not exceeding one inch (1") in diameter and shall fill the lot to match the public sidewalk grade and adjacent lot line grade. A description and the original source of the fill material is required. Soil testing will be necessary if the source of the fill material is not from a historically clean site or is from an unknown source. The Contractor shall not assume that fill material will be available from the Department of Public Works or the Kenosha Water Utility. No price based upon these assumptions shall be provided and will cause rejection of the Proposal. The final grading plan shall be approved by the City's Erosion Control Inspector.

EROSION CONTROL. The Contractor shall be responsible for obtaining an Erosion Control Permit and for complying with the Land-Disturbing Erosion and Sediment Control Ordinance as set forth in Chapter XXXIII of the Code of General Ordinances for City of Kenosha.

TOP SOIL, SEEDING AND MULCHING. Upon completion of the demolition, the Contractor shall fill the lot with four (4") to six (6") inches of top soil which shall be seeded with seed mixture 40 or other approved seed mixture and mulched with hay, straw, or other material approved by the City. Seeding and mulching shall be completed when conditions will allow as determined by the City. Top soil shall be clear of rocks, twigs, foreign materials and clumps that cannot be broken down in order to provide a uniformly textured soil.

DEMOLITION TECHNIQUES. The Work shall be performed in accordance with accepted demolition techniques of the National Association of Demolition Contractors, incorporated herein by reference. Water shall be used as a dust suppressant whenever practicable.

BLASTING PROHIBITED. The Work will not be performed through blasting with explosives.

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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 Detailed Description of Work to be Performed, 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 Detailed Description of Work to be Performed, 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 and Universal Waste 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 AND UNIVERSAL WASTE, RAZE STRUCTURE(S) AND RESTORE LOT(S) PROJECT NO.

05-19

Between

THE CITY OF KENOSHA, WISCONSIN
A Wisconsin Municipal Corporation

And

_____
_____

This Contract to Remove and Dispose of Asbestos Containing Material and Universal Waste, Raze Structure(s) and Restore Lot(s) ("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 _____, 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 and universal waste, raze specific structure(s) and restore lots according to the Request for Proposal with Instructions to Proposers, the Detailed Description of Work to be Performed, 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
- Detailed Description of Work to be Performed
- 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
- Permit to Raze
- 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 Community Development and Inspections, 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 (RACM), and Universal Waste from the specified structures, the razing of the specified structures, and the restoration of the specified lots, all in accordance with the Request for Proposal with Instructions to Proposers, the Detailed Description of Work to be Performed, 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:	1712 50th Street
Tax Parcel No.:	12-223-31-204-028
Description:	One and one-half story single family frame built building constructed in 1930 with approximately 1,176 square feet

Address:	1714 50th Street
Tax Parcel No.:	12-223-31-204-028
Description:	Two story, two family frame built building constructed in 1910 with approximately 2,292 square feet

Address:	6028 15th Avenue
Tax Parcel No.:	05-123-06-203-013
Description:	Two story, two family frame built building constructed in 1880 with approximately 1,253 square feet

Address:	6350 28th Avenue
Tax Parcel No.:	01-122-01-153-019
Description:	One and one-half story, two family frame built building constructed in 1903 with approximately 1,426 square feet

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The Work shall be performed in accordance with the Request for Proposal with Instructions to Proposers, the Detailed Description of Work to be Performed, 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 Detailed Description of Work to be Performed, the Environmental Inspection Reports, and the General Specifications and Conditions, the Detailed Description of Work to be Performed, 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 fifteen (15) calendar days of notification of execution of the Contract with directions to proceed from the City. The Work is to be completed within sixty (60) 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 30 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. Salvage Rights.

The Contractor shall have all salvage rights by virtue of this Contract.

17. 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.

18. 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, raze permit, erosion control permit, permits to temporarily obstruct streets, and asbestos removal permits from the Wisconsin Department of Natural Resources where an exemption is not applicable.

19. 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.

20. 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.

21. 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.

22. 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.

23. 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.

24. Workmanship.

The removal and disposal of Category I, Category II, Regulated Asbestos Containing Material (RACM), and Universal Waste 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). Demolition Work shall be performed in accordance with accepted demolition techniques of the National Association of Demolition Contractors. 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.

25. Utilities.

The Contractor has the obligation of obtaining utility locations, clearances, hookups or cutoffs directly from the relevant utility at the Contractor's cost and expense. The City shall disconnect gas and electrical power and remove power lines from the structure(s) being razed.

26. 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.

27. Foundations And Excavations.

The Contractor assumes all risks and costs and expenses associated with foundations and excavations, whether actual or, where in the City's opinion, there exists potential of (1) collapse; (2) damage to abutting public or private property; or (3) problems associated with subsurface conditions, surface waters, ice or snow. An inspection by the City shall be performed prior to back filling any excavation. The Contractor shall coordinate with the Department of Community Development and Inspections to have the inspection performed. Should said inspection, in the City's opinion, indicate any potential of (1) collapse; (2) damage to abutting public or private property; or (3) problems associated with subsurface conditions, surface waters, ice or snow, the Contractor shall undertake any action requested by the City to address said potential.

28. 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.

29. 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.

30. 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.

31. 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.

32. 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.

33. 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 Community Development and Inspections.

34. 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.

35. 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.

36. 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.

37. 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 37(a), 37(b), 37(c) and 37(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 37(a), 37(b), 37(c) and 37(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.

38. 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.

39. 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.

40. 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.

41. 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.

42. 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.

43. 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:

_____
_____
_____
Attention: _____

If to City:

Director of Community Development and Inspections
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

44. 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 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 _____, 2019, 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 KENOSHA)

Personally came before me this _____ day of _____, 2019, _____, to me known to be such _____ of said _____, and acknowledged to me that he executed the foregoing instrument as such _____ as the Contract of said _____, by its authority.

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

PROJECT NO. 05-19

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. 05-19

CHANGE ORDER

Project Number: 05-19

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: _____

PROJECT NO. 05-19

AFFIDAVIT RESPECTING
CONSTRUCTION LIEN WAIVERS/RELEASES

STATE OF _____)
:SS
COUNTY OF _____)

Project Number: 05-19

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:_____

PRE-DEMOLITION INSPECTION REPORT
Job Site:

One Family Dwelling
1712 50th 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 # 18-400-001.1712

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

KPH Environmental
1237 West Bruce Street
Milwaukee, Wisconsin 53204

October 2018

TABLE OF CONTENTS

Pre-Demolition Inspection Report
1712 50th 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 one family dwelling at 1712 50th Street, Kenosha, Wisconsin, prior to demolition. KPH conducted a visual inspection for asbestos, potential lead painted recyclable surfaces, and universal wastes. KPH collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above the regulatory level of 1% in transite siding, roof flashing, exterior caulk, tan linoleum, 9" white floor tile, and duct wrap.

Under state and federal laws, transite siding, exterior caulk, tan linoleum, and duct wrap likely have to be abated prior to demolition. The roof flashing and 9" white floor tile may also require removal by a Wisconsin certified asbestos company prior to demolition. Asbestos containing materials were assumed to be in the electrical boxes and may also have to be abated prior to demolition. Other materials tested during the inspection do not contain asbestos. Results are in Section II of this report.

Paint sample testing revealed that lead was detected in interior samples. Lead based paint was not detected.

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-demolition inspection of the one family dwelling at 5500 8th Avenue, Kenosha, Wisconsin, for the following:

- Suspect asbestos containing materials
- Suspect lead painted surfaces that could be recycled, such as brick, concrete block, concrete, and metal
- 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 1712 50th Street, Kenosha, Wisconsin, was conducted on September 25, 2018, to cover the items listed above. The inspection was conducted by Damian Rogowski, Wisconsin Asbestos Inspector License No. 161300. 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 on the plumbing system and plaster walls and ceilings, sampling and documentation of any of these suspect materials, and quantification of observable and accessible positive materials existing within the spaces inspected that are planned for renovation.

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

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

B. List of Suspect Asbestos Containing Materials

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

- Transite siding
- Tar paper
- Paper insulation
- Blown in insulation
- Window glazing compound
- Asphalt roofing
- Roof flashing
- Caulk
- Linoleum/mastic
- Plaster
- Drywall
- Duct wrap
- Floor tile/mastic
- Flue packing

- Concrete block
- Miscellaneous 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 Eurofins CEI of Cary, North Carolina, 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
1	**Exterior – southeast wall – transite siding**	**Positive 15% Chrysotile**	**MTP**
2	Not Analyzed Due to Prior Positive Sample	N/A	MTP
3	Not Analyzed Due to Prior Positive Sample	N/A	MTP
4	Exterior – southeast wall under transite – tar paper	Negative	MPT
5	Exterior – west wall under transite – tar paper	Negative	MPT
6	Exterior – north wall under transite – tar paper	Negative	MPT
7	Exterior – southeast wall under wood siding – paper insulation	Negative	MPI
8	Exterior – west wall under wood siding – paper insulation	Negative	MPI
9	Exterior – north wall under wood siding – paper insulation	Negative	MPI
10	Exterior – in southeast wall – blown in insulation	Negative	MBI
11	Exterior – in west wall – blown in insulation	Negative	MBI
12	Exterior – in north wall – blown in insulation	Negative	MBI
13	Exterior – on southeast window – glazing compound	Negative	MPG

Sample #	Location and Description	Results	Homogeneous Code
14	Exterior – on west window – glazing compound	Negative	MPG
15	Exterior – on north window – glazing compound	Negative	MPG
16	Roof – southeast – black asphalt shingle	Negative	MRSk
17	Roof – south center – black asphalt shingle	Negative	MRSk
18	Roof – southwest – black asphalt shingle	Negative	MRSk
19	**Roof – southeast on shingles – tar flashing**	**Positive 10% Chrysotile**	**MRF**
20	Not Analyzed Due to Prior Positive Sample	N/A	MRF
21	Not Analyzed Due to Prior Positive Sample	N/A	MRF
22a	**Exterior – at south door – white caulk**	**Positive 20% Chrysotile**	**MCLKw**
22b	Exterior – at south door – gray caulk	Negative	MCLKw
23	Not Analyzed Due to Prior Positive Sample	N/A	MCLKn
24	Not Analyzed Due to Prior Positive Sample	N/A	MCLKw
25	**1st floor – room 100 – southwest corner – tan linoleum**	**Positive 45% Chrysotile**	**MFLt**
26	Not Analyzed Due to Prior Positive Sample	N/A	MFLt
27	Not Analyzed Due to Prior Positive Sample	N/A	MFLt
28a	1st floor – room 100 – east wall – plaster skim coat	Negative	SPl
28b	1st floor – room 100 – east wall – plaster base coat	Negative	SPl
28c	1st floor – room 100 – east wall – drywall	Negative	SPl
29a	1st floor – room 104 – south wall – joint compound layer	Negative	SPl
29b	1st floor – room 104 – south wall – plaster skim coat	Negative	SPl
29c	1st floor – room 104 – south wall – plaster base coat	Negative	SPl
29d	1st floor – room 104 – south wall – drywall	Negative	SPl
30a	2nd floor – room 106 – south wall – plaster skim coat	Negative	SPl
30b	2nd floor – room 106 – south wall – plaster base coat	Negative	SPl
31a	2nd floor – room 201 – south wall – plaster skim coat	Negative	SPl
31b	2nd floor – room 201 – south wall – plaster base coat	Negative	SPl
32a	2nd floor – room 202 – south wall – plaster skim coat	Negative	SPl
32b	2nd floor – room 202 – south wall – plaster base coat	Negative	SPl
33	1st floor – room 102 – north wall – drywall	Negative	MDW
34	1st floor – room 102 – south wall – drywall	Negative	MDW
35	1st floor – room 102 – east wall – drywall	Negative	MDW
36a	1st floor – room 102 – top layer south side – tan and brown linoleum	Negative	MFLtn
36b	**1st floor – room 102 – 2nd layer south side – 9" white floor tile**	**Positive 3% Chrysotile**	**MF9w**
36b	**Point Count Result**	**Positive 1.4% Chrysotile**	**MF9w**
36c	1st floor – room 102 – 2nd layer south side – under 9" white floor tile – black mastic	Negative	MF9w
36d	1st floor – room 102 – 3rd layer south side – tar paper #2	Negative	MPT2
37a	1st floor – room 102 – top layer east side – tan and brown linoleum	Negative	MFLtn
37b	Not Analyzed Due to Prior Positive Sample	N/A	MF9w
37c	1st floor – room 102 – 2nd layer east side – under 9" white floor tile – black mastic	Negative	MF9w
37d	1st floor – room 102 – 3rd layer east side – tar paper #2	Negative	MPT2
38a	1st floor – room 102 – top layer north side – tan and brown linoleum	Negative	MFLtn

Sample #	Location and Description	Results	Homogeneous Code
38b	Not Analyzed Due to Prior Positive Sample	N/A	MF9w
38c	1st floor – room 102 – 2nd layer north side – under 9" white floor tile – black mastic	Negative	MF9w
38d	1st floor – room 102 – 3rd layer north side – tar paper #2	Negative	MPT2
39	1st floor – room 102 – on south wall – tan mastic	Negative	MWMt
40	1st floor – room 102 – on north wall – tan mastic	Negative	MWMt
41	1st floor – room 102 – on east wall – tan mastic	Negative	MWMt
42	**1st floor – room 103 closet – on duct – duct wrap**	**Positive 65% Chrysotile**	**TDW**
43	Not Analyzed Due to Prior Positive Sample	N/A	TDW
44	Not Analyzed Due to Prior Positive Sample	N/A	TDW
45	1st floor – room 104 – on east wall under panel – brown mastic	Negative	MPMn
46	1st floor – room 104 – on north wall under panel – brown mastic	Negative	MPMn
47	1st floor – room 104 – on south wall under panel – brown mastic	Negative	MPMn
48a	1st floor – room 104 – top layer southeast – 12" white and tan floor tile	Negative	MF12wt
48b	1st floor – room 104 – top layer southeast – under 12" white and tan floor tile – clear mastic	Negative	MF12wt
49a	1st floor – room 104 – top layer north – 12" white and tan floor tile	Negative	MF12wt
49b	1st floor – room 104 – top layer north – under 12" white and tan floor tile – clear mastic	Negative	MF12wt
50a	1st floor – room 104 – top layer northeast – 12" white and tan floor tile	Negative	MF12wt
50b	1st floor – room 104 – top layer northeast – under 12" white and tan floor tile – clear mastic	Negative	MF12wt
51	1st floor – room 104 – 3rd layer southeast – yellow linoleum	Negative	MFLl
52	1st floor – room 104 – 3rd layer north – yellow linoleum	Negative	MFLl
53	1st floor – room 104 – 3rd layer northeast – yellow linoleum	Negative	MFLl
54a	1st floor – room 104 – 5th layer southeast – 12" brown floor tile	Negative	MF12n
54b	1st floor – room 104 – 5th layer southeast – under 12" brown floor tile – yellow mastic	Negative	MF12n
54c	1st floor – room 104 – bottom layer southeast – tan and black linoleum	Negative	MFLtk
55a	1st floor – room 104 – 5th layer north – 12" brown floor tile	Negative	MF12n
55b	1st floor – room 104 – 5th layer north – under 12" brown floor tile – yellow mastic	Negative	MF12n
55c	1st floor – room 104 – bottom layer north – tan and black linoleum	Negative	MFLtk
56a	1st floor – room 104 – 5th layer northwest – 12" brown floor tile	Negative	MF12n
56b	1st floor – room 104 – 5th layer northwest – under 12" brown floor tile – yellow mastic	Negative	MF12n

Sample #	Location and Description	Results	Homogeneous Code
56c	1st floor – room 104 – bottom layer northwest – tan and black linoleum	Negative	MFLtk
57	1st floor – room 105 – south side – green linoleum	Negative	MFLg
58a	1st floor – room 105 – top layer center – green linoleum	Negative	MFLg
58b	1st floor – room 105 – bottom layer center – brown and black linoleum	Negative	MFLnk
59a	1st floor – room 105 – top layer north side – green linoleum	Negative	MFLg
59b	1st floor – room 105 – bottom layer north side – brown and black linoleum	Negative	MFLnk
60	Basement – on east side of chimney – flue packing	Negative	TFP
61	Basement – on east side of chimney – flue packing	Negative	TFP
62	Basement – on south side of chimney – flue packing	Negative	TFP
63	Exterior – basement southeast wall – concrete block/ mortar	Negative	MCB
64	Exterior – basement southwest wall – concrete block/ mortar	Negative	MCB
65	Exterior – basement northwest wall – concrete block/ mortar	Negative	MCB
66	2nd floor – room 106 – on landing – brown linoleum	Negative	MFLn
67	2nd floor – room 200 – brown linoleum	Negative	MFLn
68	2nd floor – room 202 – brown linoleum	Negative	MFLn
69	2nd floor – room 201 – northeast corner – 9” tan and red floor tile	Negative	MF9tr
70	2nd floor – room 201 – southeast corner – 9” tan and red floor tile	Negative	MF9tr
71	2nd floor – room 201 – west side – 9” tan and red floor tile	Negative	MF9tr

Homogeneous Material Codes

SPl	Plaster
MTP	Transite
MPT	Tar Paper Exterior
MPT2	Tar Paper Interior
MPI	Paper Insulation
MBI	Blown in Insulation
MPG	Glazing Compound
MRSk	Black Asphalt Shingle
MRF	Roof Flashing
MCLKw	White Caulk
MFLt	Tan Linoleum
MFLtn	Tan & Brown Linoleum
MFLtk	Tan & Black Linoleum
MFLl	Yellow Linoleum
MFLg	Green Linoleum
MFLnk	Brown & Black Linoleum
MFLn	Brown Linoleum
MDW	Drywall
MWMt	Tan Wall Mastic
MPMn	Brown Wall Panel Mastic
MF9w	9” White Floor Tile
MF9tr	9” Tan & Red Floor Tile

Homogeneous Material Codes

MF12wt	12" White & Tan Floor Tile
MF12n	12" Brown Floor Tile
MCB	Concrete Block
TDW	Duct Wrap
TFP	Flue Packing

E. Asbestos Locations and Quantities

Six (6) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM).

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Transite Siding	MTP	Exterior Walls	1,500 SF	Good
Roof Flashing	MRF	Scattered Over Roof on Asphalt Shingles	10 SF	Good
White Caulk	MCLKw	Exterior Around Doors & Windows	22 Windows & 2 Doors	Fair
Tan Linoleum	MFLt	1st Floor Room 100 Near Front Door	50 SF	Good
9" White Floor Tile	MSUw	1st Floor Toom 102 2nd Layer	70 SF	Good
Duct Wrap	TDW	1st Floor Room 103 Closet & Basement on Ducts	10 SF	Poor

The tan linoleum and duct wrap are friable asbestos containing materials. They meet the definition of a regulated asbestos containing material (RACM) under NR 447 of the Wisconsin Administrative Code.

The transite siding and white caulk are category II non-friable asbestos containing materials. If they become crumbled, pulverized or reduced to powder during demolition they will become RACM as defined under NR 447.

The roof flashing and 9" white floor tile are category I non-friable asbestos containing materials. They were in non-friable condition at the time of the inspection. If these materials are subjected to sanding, grinding, cutting or abrading during demolition, they would be then be defined as RACM under NR 447. If the category I non-friable asbestos containing materials do not become RACM during demolition, under NR 447 they may remain on the building and be disposed at a Wisconsin licensed landfill with the other demolition debris

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. 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.

Assumed Asbestos Containing Materials

Material	Location	Approximate Quantity	Condition
Electrical Panels – Suspect Transite	Exterior & Basement Electrical Boxes	3 Boxes	Good

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

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

III. LEAD PAINT INSPECTION

A. Methods

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. 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 2017).

The inspection at the one family dwelling at 1712 50th Street, Kenosha, Wisconsin, took place on September 25, 2018. A room by room inspection was conducted of metal, block, brick, or concrete locations scheduled for demolition, noting the location, substrate, and color of these painted surfaces.

The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

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 in paint. Reference Paint Test Results below.

Interior: Dwelling at 1712 50th Street, Kenosha, Wisconsin

- Painted block was observed in basement rooms. Lead was detected in all the paint at all locations sampled, but below the 0.5% lead based paint standard in Ch. 254.

Exterior: Dwelling at 1712 50th Street, Kenosha, Wisconsin

- Painted metal, block, brick, or concrete were not observed on the exterior.

The following are the laboratory results.

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P1	Basement	North Wall	Block	White	0.0053
P2	Basement	East Wall	Block	Gray	0.0057

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 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:

- 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.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, 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 Department (DNR Form 4400-274).

IV. 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
Tire	Exterior	1

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

V. EXCLUSIONS

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 demolition contractor.

A limited lead inspection was conducted. The results are representative only of the specific locations that were inspected on the building. This report represents the condition of the building and the visible/accessible locations at the date and the time of the onsite inspection.

VI. 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

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ASBESTOS ANALYTICAL REPORT
By: Polarized Light Microscopy

Prepared for

KPH Environmental Corp

CLIENT PROJECT: Kenosha; 18-400-001.1712

LAB CODE: A1811511

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

REPORT DATE: 10/02/18

TOTAL SAMPLES ANALYZED: 61

SAMPLES >1% ASBESTOS: 6

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Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.1712 **LAB CODE:** A1811511

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
1		A122758	Gray,Blue	Transite	Chrysotile 15%
2		A122759		Sample Not Analyzed per COC	
3		A122760		Sample Not Analyzed per COC	
4		A122761	Black,Brown	Tarpaper	None Detected
5		A122762	Black,Brown	Tarpaper	None Detected
6		A122763	Black,Brown	Tarpaper	None Detected
7		A122764	Black,Brown	Tarpaper	None Detected
8		A122765	Black,Brown	Tarpaper	None Detected
9		A122766	Black,Brown	Tarpaper	None Detected
10		A122767	Gray,Off-white	Insulation	None Detected
11		A122768	Gray,Off-white	Insulation	None Detected
12		A122769	Gray,Off-white	Insulation	None Detected
13		A122770	Off-white,Tan	Glazing	None Detected
14		A122771	Off-white,Tan	Glazing	None Detected
15		A122772	Off-white,Gray	Glazing	None Detected
16		A122773	Black,Gray	Shingle	None Detected
17		A122774	Black,Gray	Shingle	None Detected
18		A122775	Black,Gray	Shingle	None Detected
19		A122776	Black,Gray	Flashing	Chrysotile 10%
20		A122777		Sample Not Analyzed per COC	
21		A122778		Sample Not Analyzed per COC	
22	Layer 1	A122779	Off-white	Surface Material	Chrysotile 20%
	Layer 2	A122779	White,Gray	Caulk	None Detected
23		A122780		Sample Not Analyzed per COC	
24		A122781		Sample Not Analyzed per COC	
25		A122782	Gray	Linoleum (backing Only)	Chrysotile 45%
26		A122783		Sample Not Analyzed per COC	
27		A122784		Sample Not Analyzed per COC	
28	Layer 1	A122785A	Off-white	Plaster Skim Coat	None Detected
	Layer 2	A122785A	Gray	Plaster Base Coat	None Detected
		A122785B	Gray,Tan	Drywall	None Detected

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.1712 **LAB CODE:** A1811511

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
29	Layer 1	A122786A	Off-white	Surface Material (texture)	None Detected
	Layer 2	A122786A	Off-white	Plaster Skim Coat	None Detected
	Layer 3	A122786A	Gray	Plaster Base Coat	None Detected
		A122786B	Gray,Tan	Drywall	None Detected
30	Layer 1	A122787	Beige,Off-white	Plaster Skim Coat	None Detected
	Layer 2	A122787	Gray	Plaster Base Coat	None Detected
31	Layer 1	A122788	Beige,Off-white	Plaster Skim Coat	None Detected
	Layer 2	A122788	Gray	Plaster Base Coat	None Detected
32	Layer 1	A122789	Beige,Off-white	Plaster Skim Coat	None Detected
	Layer 2	A122789	Gray	Plaster Base Coat	None Detected
33		A122790	Gray,Tan	Drywall	None Detected
34		A122791	Gray,Tan	Drywall	None Detected
35		A122792	Gray,Tan	Drywall/Joint Compound	None Detected
36		A122793A	Tan,Gray	Linoleum	None Detected
		A122793B	Off-white	Floor Tile	Chrysotile 3%
	Layer 1	A122793C	Black	Mastic	None Detected
	Layer 2	A122793C	Black,Brown	Felt Paper	None Detected
37		A122794A	Tan,Gray	Linoleum	None Detected
		A122794B		Sample Not Analyzed per COC	
	Layer 1	A122794C	Black	Mastic	None Detected
	Layer 2	A122794C	Black,Brown	Felt Paper	None Detected
38		A122795A	Tan,Gray	Linoleum	None Detected
		A122795B		Sample Not Analyzed per COC	
	Layer 1	A122795C	Black	Mastic	None Detected
	Layer 2	A122795C	Black,Brown	Felt Paper	None Detected
39		A122796	Off-white	Mastic	None Detected
40		A122797	Off-white	Mastic	None Detected
41		A122798	Off-white	Mastic	None Detected
42		A122799	Gray,Off-white	Insulation	Chrysotile 65%
43		A122800		Sample Not Analyzed per COC	
44		A122801		Sample Not Analyzed per COC	

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.1712 **LAB CODE:** A1811511

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
45		A122802	Brown	Mastic	None Detected
46		A122803	Brown	Mastic	None Detected
47		A122804	Brown	Mastic	None Detected
48		A122805A	Beige	Tile	None Detected
		A122805B	Clear	Mastic	None Detected
49		A122806A	Beige	Tile	None Detected
		A122806B	Clear	Mastic	None Detected
50		A122807A	Beige	Tile	None Detected
		A122807B	Clear	Mastic	None Detected
51		A122808	Beige,Gray	Linoleum	None Detected
52		A122809	Beige,Gray	Linoleum	None Detected
53		A122810	Beige,Gray	Linoleum	None Detected
54		A122811A	Brown	Tile	None Detected
		A122811B	Yellow	Mastic	None Detected
		A122811C	Tan,Black	Linoleum	None Detected
55		A122812A	Brown	Tile	None Detected
		A122812B	Yellow	Mastic	None Detected
		A122812C	Tan,Black	Linoleum	None Detected
56		A122813A	Brown	Tile	None Detected
		A122813B	Yellow	Mastic	None Detected
		A122813C	Tan,Black	Linoleum	None Detected
57		A122814	Green,Gray	Linoleum	None Detected
58		A122815A	Green,Gray	Linoleum (type 1)	None Detected
		A122815B	Tan,Black	Linoleum (type 2)	None Detected
59		A122816A	Green,Gray	Linoleum (type 1)	None Detected
		A122816B	Tan,Black	Linoleum (type 2)	None Detected
60		A122817	Gray,Off-white	Fluepack	None Detected
61		A122818	Gray,Off-white	Fluepack	None Detected
62		A122819	Gray,Off-white	Fluepack	None Detected
63		A122820	Gray,Off-white	Block	None Detected
64		A122821	Gray,Off-white	Block	None Detected

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.1712 **LAB CODE:** A1811511

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
65		A122822	Gray,Off-white	Block	None Detected
66		A122823	Brown,Black	Linoleum	None Detected
67		A122824	Brown,Black	Linoleum	None Detected
68		A122825	Brown,Black	Linoleum	None Detected
69		A122826	Tan,Black	Tile (linoleum)	None Detected
70		A122827	Tan,Black	Tile (linoleum)	None Detected
71		A122828	Tan,Black	Tile (linoleum)	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

Lab Code: A1811511
Date Received: 09-27-18
Date Analyzed: 10-01-18
Date Reported: 10-02-18

Project: Kenosha; 18-400-001.1712

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
1 A122758	Transite	Heterogeneous Gray,Blue Fibrous Tightly Bound	<1%	Cellulose	70% 10% 5%	Calc Carb Binder Paint	**15% Chrysotile**
2 A122759	Sample Not Analyzed per COC						
3 A122760	Sample Not Analyzed per COC						
4 A122761	Tarpaper	Heterogeneous Black,Brown Fibrous Tightly Bound	50%	Cellulose	40% 10%	Tar Binder	None Detected
5 A122762	Tarpaper	Heterogeneous Black,Brown Fibrous Tightly Bound	50%	Cellulose	40% 10%	Tar Binder	None Detected
6 A122763	Tarpaper	Heterogeneous Black,Brown Fibrous Tightly Bound	50%	Cellulose	40% 10%	Tar Binder	None Detected
7 A122764	Tarpaper	Heterogeneous Black,Brown Fibrous Tightly Bound	60%	Cellulose	30% 10%	Tar Binder	None Detected
8 A122765	Tarpaper	Heterogeneous Black,Brown Fibrous Tightly Bound	60%	Cellulose	30% 10%	Tar Binder	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

Lab Code: A1811511
Date Received: 09-27-18
Date Analyzed: 10-01-18
Date Reported: 10-02-18

Project: Kenosha; 18-400-001.1712

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
9 A122766	Tarpaper	Heterogeneous Black,Brown Fibrous Tightly Bound	60%	Cellulose	30% 10%	Tar Binder	None Detected
10 A122767	Insulation	Heterogeneous Gray,Off-white Fibrous Loosely Bound	85%	Cellulose	15%	Binder	None Detected
11 A122768	Insulation	Heterogeneous Gray,Off-white Fibrous Loosely Bound	85%	Cellulose	15%	Binder	None Detected
12 A122769	Insulation	Heterogeneous Gray,Off-white Fibrous Loosely Bound	85%	Cellulose	15%	Binder	None Detected
13 A122770	Glazing	Heterogeneous Off-white,Tan Fibrous Bound	<1%	Cellulose	90% 5% 5%	Caulk Binder Paint	None Detected
14 A122771	Glazing	Heterogeneous Off-white,Tan Fibrous Bound	<1%	Cellulose	90% 5% 5%	Caulk Binder Paint	None Detected
15 A122772	Glazing	Heterogeneous Off-white,Gray Fibrous Bound	<1%	Cellulose	90% 5% 5%	Caulk Binder Paint	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

Lab Code: A1811511
Date Received: 09-27-18
Date Analyzed: 10-01-18
Date Reported: 10-02-18

Project: Kenosha; 18-400-001.1712

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
16 A122773	Shingle	Heterogeneous Black,Gray Fibrous Bound	<1% 25%	Cellulose Fiberglass	25% 40% 10%	Vinyl Gravel Silicates	None Detected
17 A122774	Shingle	Heterogeneous Black,Gray Fibrous Bound	<1% 25%	Cellulose Fiberglass	25% 40% 10%	Vinyl Gravel Silicates	None Detected
18 A122775	Shingle	Heterogeneous Black,Gray Fibrous Bound	<1% 25%	Cellulose Fiberglass	25% 40% 10%	Vinyl Gravel Silicates	None Detected
19 A122776	Flashing	Heterogeneous Black,Gray Fibrous Bound	<1%	Cellulose	80% 10%	Tar Binder	**10% Chrysotile**
20 A122777	Sample Not Analyzed per COC						
21 A122778	Sample Not Analyzed per COC						
22 Layer 1 A122779	Surface Material	Heterogeneous Off-white Fibrous Bound	<1%	Cellulose	80%	Binder	**20% Chrysotile**
Layer 2 A122779	Caulk	Heterogeneous White,Gray Fibrous Bound	<1%	Cellulose	90% 5% 5%	Caulk Binder Paint	None Detected
23 A122780	Sample Not Analyzed per COC						

ASBESTOS BULK ANALYSIS

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Date Analyzed: 10-01-18
Date Reported: 10-02-18

Project: Kenosha; 18-400-001.1712

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
24 A122781	Sample Not Analyzed per COC						
25 A122782	Linoleum (backing Only)	Heterogeneous Gray Fibrous Bound	15%	Cellulose	35% 5%	Binder Mastic	**45% Chrysotile**
26 A122783	Sample Not Analyzed per COC						
27 A122784	Sample Not Analyzed per COC						
28 Layer 1 A122785A	Plaster Skim Coat	Heterogeneous Off-white Fibrous Bound	<1%	Cellulose	75% 10% 15%	Calc Carb Binder Paint	None Detected
Layer 2 A122785A	Plaster Base Coat	Heterogeneous Gray Fibrous Bound	<1%	Cellulose	40% 50% 10%	Calc Carb Silicates Binder	None Detected
A122785B	Drywall	Heterogeneous Gray,Tan Fibrous Bound	30%	Cellulose	60% 10%	Gypsum Binder	None Detected
29 Layer 1 A122786A	Surface Material (texture)	Heterogeneous Off-white Fibrous Bound	<1%	Cellulose	70% 10% 20%	Calc Carb Binder Paint	None Detected
Layer 2 A122786A	Plaster Skim Coat	Heterogeneous Off-white Fibrous Bound	<1%	Cellulose	75% 10% 15%	Calc Carb Binder Paint	None Detected

ASBESTOS BULK ANALYSIS

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
Layer 3 A122786A	Plaster Base Coat	Heterogeneous Gray Fibrous Bound	<1%	Cellulose	40% 50% 10%	Calc Carb Silicates Binder	None Detected
A122786B	Drywall	Heterogeneous Gray,Tan Fibrous Bound	30%	Cellulose	60% 10%	Gypsum Binder	None Detected
30 Layer 1 A122787	Plaster Skim Coat	Heterogeneous Beige,Off-white Fibrous Bound	<1%	Cellulose	55% 30% 15%	Calc Carb Silicates Paint	None Detected
Layer 2 A122787	Plaster Base Coat	Heterogeneous Gray Fibrous Bound	3%	Cellulose	65% 22% 10%	Calc Carb Perlite Binder	None Detected
31 Layer 1 A122788	Plaster Skim Coat	Heterogeneous Beige,Off-white Fibrous Bound	<1%	Cellulose	55% 30% 15%	Calc Carb Silicates Paint	None Detected
Layer 2 A122788	Plaster Base Coat	Heterogeneous Gray Fibrous Bound	3%	Cellulose	65% 22% 10%	Calc Carb Perlite Binder	None Detected
32 Layer 1 A122789	Plaster Skim Coat	Heterogeneous Beige,Off-white Fibrous Bound	<1%	Cellulose	55% 30% 15%	Calc Carb Silicates Paint	None Detected

ASBESTOS BULK ANALYSIS

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		 Non-Fibrous		ASBESTOS %
Layer 2 A122789	Plaster Base Coat	Heterogeneous Gray Fibrous Bound	3%	Cellulose	65% 22% 10%	Calc Carb Perlite Binder	None Detected
33 A122790	Drywall	Heterogeneous Gray,Tan Fibrous Bound	23% 2%	Cellulose Fiberglass	60% 10% 5%	Gypsum Binder Paint	None Detected
34 A122791	Drywall	Heterogeneous Gray,Tan Fibrous Bound	23% 2%	Cellulose Fiberglass	60% 10% 5%	Gypsum Binder Paint	None Detected
35 A122792	Drywall/Joint Compound	Heterogeneous Gray,Tan Fibrous Bound	23% 2%	Cellulose Fiberglass	65% 5% 5%	Gypsum Calc Carb Paint	None Detected
36 A122793A	Linoleum	Heterogeneous Tan,Gray Fibrous Bound	25% 10%	Cellulose Fiberglass	50% 10% 5%	Vinyl Binder Mastic	None Detected
A122793B	Floor Tile	Heterogeneous Off-white Fibrous Tightly Bound	<1%	Cellulose	90% 7%	Vinyl Calc Carb	**3% Chrysotile**
Layer 1 A122793C	Mastic	Heterogeneous Black Fibrous Bound	3%	Cellulose	97%	Mastic	None Detected

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
Layer 2 A122793C	Felt Paper	Heterogeneous Black,Brown Fibrous Bound	55%	Cellulose	35% 10%	Tar Binder	None Detected
37 A122794A	Linoleum	Heterogeneous Tan,Gray Fibrous Bound	25% 10%	Cellulose Fiberglass	50% 10% 5%	Vinyl Binder Mastic	None Detected
A122794B	Sample Not Analyzed per COC						
Layer 1 A122794C	Mastic	Heterogeneous Black Fibrous Bound	3%	Cellulose	97%	Mastic	None Detected
Layer 2 A122794C	Felt Paper	Heterogeneous Black,Brown Fibrous Bound	55%	Cellulose	35% 10%	Tar Binder	None Detected
38 A122795A	Linoleum	Heterogeneous Tan,Gray Fibrous Bound	25% 10%	Cellulose Fiberglass	50% 10% 5%	Vinyl Binder Mastic	None Detected
A122795B	Sample Not Analyzed per COC						
Layer 1 A122795C	Mastic	Heterogeneous Black Fibrous Bound	3%	Cellulose	97%	Mastic	None Detected

ASBESTOS BULK ANALYSIS

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
Layer 2 A122795C	Felt Paper	Heterogeneous Black,Brown Fibrous Bound	55%	Cellulose	35% 10%	Tar Binder	None Detected
39 A122796	Mastic	Heterogeneous Off-white Fibrous Bound	3%	Cellulose	97%	Mastic	None Detected
40 A122797	Mastic	Heterogeneous Off-white Fibrous Bound	3%	Cellulose	97%	Mastic	None Detected
41 A122798	Mastic	Heterogeneous Off-white Fibrous Bound	3%	Cellulose	97%	Mastic	None Detected
42 A122799	Insulation	Heterogeneous Gray,Off-white Fibrous Loosely Bound	10%	Cellulose	25%	Binder	**65% Chrysotile**
43 A122800	Sample Not Analyzed per COC						
44 A122801	Sample Not Analyzed per COC						
45 A122802	Mastic	Heterogeneous Brown Fibrous Bound	2%	Cellulose	98%	Mastic	None Detected

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
46 A122803	Mastic	Heterogeneous Brown Fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
47 A122804	Mastic	Heterogeneous Brown Fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
48 A122805A	Tile	Heterogeneous Beige Fibrous Tightly Bound	<1%	Cellulose	95% 5%	Vinyl Calc Carb	None Detected
A122805B	Mastic	Heterogeneous Clear Fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
49 A122806A	Tile	Heterogeneous Beige Fibrous Tightly Bound	<1%	Cellulose	95% 5%	Vinyl Calc Carb	None Detected
A122806B	Mastic	Heterogeneous Clear Fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
50 A122807A	Tile	Heterogeneous Beige Fibrous Tightly Bound	<1%	Cellulose	95% 5%	Vinyl Calc Carb	None Detected

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
A122807B	Mastic	Heterogeneous Clear Fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
51 A122808	Linoleum	Heterogeneous Beige,Gray Fibrous Bound	25% 10%	Cellulose Fiberglass	50% 10% 5%	Vinyl Binder Mastic	None Detected
52 A122809	Linoleum	Heterogeneous Beige,Gray Fibrous Bound	25% 10%	Cellulose Fiberglass	50% 10% 5%	Vinyl Binder Mastic	None Detected
53 A122810	Linoleum	Heterogeneous Beige,Gray Fibrous Bound	25% 10%	Cellulose Fiberglass	50% 10% 5%	Vinyl Binder Mastic	None Detected
54 A122811A	Tile	Heterogeneous Brown Fibrous Tightly Bound	<1%	Cellulose	95% 5%	Vinyl Calc Carb	None Detected
A122811B	Mastic	Heterogeneous Yellow Fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
A122811C	Linoleum	Heterogeneous Tan,Black Fibrous Bound	25%	Cellulose	50% 20% 5%	Vinyl Tar Mastic	None Detected

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Project: Kenosha; 18-400-001.1712

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		 Non-Fibrous		ASBESTOS %
55 A122812A	Tile	Heterogeneous Brown Fibrous Tightly Bound	<1%	Cellulose	95% 5%	Vinyl Calc Carb	None Detected
A122812B	Mastic	Heterogeneous Yellow Fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
A122812C	Linoleum	Heterogeneous Tan,Black Fibrous Bound	25%	Cellulose	50% 20% 5%	Vinyl Tar Mastic	None Detected
56 A122813A	Tile	Heterogeneous Brown Fibrous Tightly Bound	<1%	Cellulose	95% 5%	Vinyl Calc Carb	None Detected
A122813B	Mastic	Heterogeneous Yellow Fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
A122813C	Linoleum	Heterogeneous Tan,Black Fibrous Bound	25%	Cellulose	50% 20% 5%	Vinyl Tar Mastic	None Detected
57 A122814	Linoleum	Heterogeneous Green,Gray Fibrous Bound	25% 10%	Cellulose Fiberglass	50% 10% 5%	Vinyl Binder Mastic	None Detected

ASBESTOS BULK ANALYSIS

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Project: Kenosha; 18-400-001.1712

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
58 A122815A	Linoleum (type 1)	Heterogeneous Green,Gray Fibrous Bound	25% 10%	Cellulose Fiberglass	50% 10% 5%	Vinyl Binder Mastic	None Detected
A122815B	Linoleum (type 2)	Heterogeneous Tan,Black Fibrous Bound	25%	Cellulose	50% 20% 5%	Vinyl Tar Mastic	None Detected
59 A122816A	Linoleum (type 1)	Heterogeneous Green,Gray Fibrous Bound	25% 10%	Cellulose Fiberglass	50% 10% 5%	Vinyl Binder Mastic	None Detected
A122816B	Linoleum (type 2)	Heterogeneous Tan,Black Fibrous Bound	25%	Cellulose	50% 20% 5%	Vinyl Tar Mastic	None Detected
60 A122817	Fluepack	Heterogeneous Gray,Off-white Fibrous Bound	<1%	Cellulose	65% 25% 10%	Calc Carb Silicates Paint	None Detected
61 A122818	Fluepack	Heterogeneous Gray,Off-white Fibrous Bound	<1%	Cellulose	65% 25% 10%	Calc Carb Silicates Paint	None Detected
62 A122819	Fluepack	Heterogeneous Gray,Off-white Fibrous Bound	<1%	Cellulose	65% 25% 10%	Calc Carb Silicates Paint	None Detected

ASBESTOS BULK ANALYSIS

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		 Non-Fibrous		ASBESTOS %
63 A122820	Block	Heterogeneous Gray,Off-white Fibrous Bound	<1%	Cellulose	25% 70% 5%	Calc Carb Silicates Paint	None Detected
64 A122821	Block	Heterogeneous Gray,Off-white Fibrous Bound	<1%	Cellulose	25% 70% 5%	Calc Carb Silicates Paint	None Detected
65 A122822	Block	Heterogeneous Gray,Off-white Fibrous Bound	<1%	Cellulose	25% 70% 5%	Calc Carb Silicates Paint	None Detected
66 A122823	Linoleum	Heterogeneous Brown,Black Fibrous Bound	25%	Cellulose	50% 20% 5%	Vinyl Tar Mastic	None Detected
67 A122824	Linoleum	Heterogeneous Brown,Black Fibrous Bound	25%	Cellulose	50% 20% 5%	Vinyl Tar Mastic	None Detected
68 A122825	Linoleum	Heterogeneous Brown,Black Fibrous Bound	25%	Cellulose	50% 20% 5%	Vinyl Tar Mastic	None Detected
69 A122826	Tile (linoleum)	Heterogeneous Tan,Black Fibrous Bound	25%	Cellulose	50% 20% 5%	Vinyl Tar Mastic	None Detected

ASBESTOS BULK ANALYSIS

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
70 A122827	Tile (linoleum)	Heterogeneous Tan,Black Fibrous Bound	25%	Cellulose	50% 20% 5%	Vinyl Tar Mastic	None Detected
71 A122828	Tile (linoleum)	Heterogeneous Tan,Black Fibrous Bound	25%	Cellulose	50% 20% 5%	Vinyl Tar Mastic	None Detected

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

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

REPORTING LIMIT: <1% by visual estimation

REPORTING LIMIT FOR POINT COUNTS: 0.25% by 400 Points or 0.1% by 1,000 Points

REGULATORY LIMIT: >1% by weight

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

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ANALYST: Scott Minyard

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

NVLAP® TESTING
NVLAP LAB CODE 101768-0

CHAIN OF CUSTODY

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730 SE Maynard Road, Cary, NC 27511
Tel: 866-481-1412; Fax: 919-481-1442

LAB USE ONLY:	
CEI Lab Code:	A181511 (71)
CEI Lab I.D. Range:	A122758 - A122825

COMPANY INFORMATION		PROJECT INFORMATION	
CEI CLIENT #:		Job Contact:	Dean Jacobsen
Company:	KPH Environmental Corp.	Email / Tel:	(414) 647-1530
Address:	1237 W. Bruce St.	Project Name:	Kenosha
	Milwaukee, WI 53204	Project ID#:	18-400-001.1712
Email:	dean.jacobsen@kphenvironmental.com	PO #:	
Tel:	(414) 647-1530 Fax: (414) 647-1540	STATE SAMPLES COLLECTED IN:	WI

IF TAT IS NOT MARKED STANDARD 3 DAY TAT APPLIES.

ASBESTOS	METHOD	TURN AROUND TIME					
		4 HR	8 HR	1 DAY	2 DAY	3 DAY	5 DAY
PLM BULK	EPA 600	☐	☐	☐	☐	☒	☐
PLM POINT COUNT (400)	EPA 600	☐	☐	☐	☐	☐	☐
PLM POINT COUNT (1000)	EPA 600	☐	☐	☐	☐	☐	☐
PLM GRAV w POINT COUNT	EPA 600		☐	☐	☐	☐	☐
PLM BULK	CARB 435		☐	☐	☐	☐	☐
PCM AIR	NIOSH 7400	☐	☐	☐	☐	☐	☐
TEM AIR	EPA AHERA	☐	☐	☐	☐	☐	☐
TEM AIR	NIOSH 7402	☐	☐	☐	☐	☐	☐
TEM AIR (PCME)	ISO 10312	☐	☐	☐	☐	☐	☐
TEM AIR	ASTM 6281-15	☐	☐	☐	☐	☐	☐
TEM BULK	CHATFIELD		☐	☐	☐	☐	☐
TEM DUST WIPE	ASTM D6480-05 (2010)	☐	☐	☐	☐	☐	☐
TEM DUST MICROVAC	ASTM D5755-09 (2014)	☐	☐	☐	☐	☐	☐
TEM SOIL	ASTM D7521-16			☐	☐	☐	☐
TEM VERMICULITE	CINCINNATI METHOD			☐	☐	☐	☐
TEM QUALITTATIVE	IN-HOUSE METHOD		☐	☐	☐	☐	☐
OTHER:		☐	☐	☐	☐	☐	☐

REMARKS / SPECIAL INSTRUCTIONS:

Test Each Homogeneous Material Unit. I > 1%

☒ Accept Samples
☐ Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
	9/26/18 1700	MLS	9/27/18 9:40

Samples will be disposed of 30 days after analysis

A1811511

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SAMPLING FORM

COMPANY CONTACT INFORMATION			
Company:	KPH Environmental Corp.	Job Contact:	Dean Jacobsen
Project Name:	Kenosha		
Project ID #:	18-400-001.1712	Tel:	(414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
1	Transite		PLM ☒	TEM ☐
2	↓		PLM ☐	TEM ☐
3	↓		PLM ☐	TEM ☐
4	Tar paper		PLM ☐	TEM ☐
5	↓		PLM ☐	TEM ☐
6	↓		PLM ☐	TEM ☐
7	Tar paper		PLM ☐	TEM ☐
8	↓		PLM ☐	TEM ☐
9	↓		PLM ☐	TEM ☐
10	Insulation		PLM ☐	TEM ☐
11	↓		PLM ☐	TEM ☐
12	↓		PLM ☐	TEM ☐
13	Glazing		PLM ☐	TEM ☐
14	↓		PLM ☐	TEM ☐
15	↓		PLM ☐	TEM ☐
16	Shingle		PLM ☐	TEM ☐
17	↓		PLM ☐	TEM ☐
18	↓		PLM ☐	TEM ☐
19	Flashing		PLM ☐	TEM ☐
20	↓		PLM ☐	TEM ☐
21	↓		PLM ☐	TEM ☐
22	Caulk		PLM ☐	TEM ☐
23	↓		PLM ☐	TEM ☐
24	↓		PLM ☐	TEM ☐
25	Linoleum		PLM ☐	TEM ☐
26	↓		PLM ☐	TEM ☐
27	↓		PLM ☐	TEM ☐
28	Plaster		PLM ☐	TEM ☐

A1811511

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SAMPLING FORM

COMPANY CONTACT INFORMATION			
Company:	KPH Environmental Corp.	Job Contact:	Dean Jacobsen
Project Name:	Kenosha		
Project ID #:	18-400-001.1712	Tel:	(414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
29	Plaster		PLM ☑	TEM ☐
30	↓		PLM ☐	TEM ☐
31	↓		PLM ☐	TEM ☐
32	↓		PLM ☐	TEM ☐
33	Drywall		PLM ☐	TEM ☐
34	↓		PLM ☐	TEM ☐
35	↓		PLM ☐	TEM ☐
36	Linoleum		PLM ☐	TEM ☐
37	↓		PLM ☐	TEM ☐
38	↓		PLM ☐	TEM ☐
39	Mastic		PLM ☐	TEM ☐
40	↓		PLM ☐	TEM ☐
41	↓		PLM ☐	TEM ☐
42	Insulation		PLM ☐	TEM ☐
43	↓		PLM ☐	TEM ☐
44	↓		PLM ☐	TEM ☐
45	Mastic		PLM ☐	TEM ☐
46	↓		PLM ☐	TEM ☐
47	↓		PLM ☐	TEM ☐
48	Tile		PLM ☐	TEM ☐
49	↓		PLM ☐	TEM ☐
50	↓		PLM ☐	TEM ☐
51	Linoleum		PLM ☐	TEM ☐
52	↓		PLM ☐	TEM ☐
53	↓		PLM ☐	TEM ☐
54	Tile		PLM ☐	TEM ☐
55	↓		PLM ☐	TEM ☐
56	↓		PLM ☐	TEM ☐

A181511

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SAMPLING FORM

COMPANY CONTACT INFORMATION			
Company:	KPH Environmental Corp.	Job Contact:	Dean Jacobsen
Project Name:	Kenosha		
Project ID #:	18-400-001.1712	Tel:	(414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
57	Linoleum		PLM ☑	TEM ☐
58	↓		PLM ☐	TEM ☐
59	↓		PLM ☐	TEM ☐
60	Flowback		PLM ☐	TEM ☐
61	↓		PLM ☐	TEM ☐
62	↓		PLM ☐	TEM ☐
63	Block		PLM ☐	TEM ☐
64	↓		PLM ☐	TEM ☐
65	↓		PLM ☐	TEM ☐
66	Linoleum		PLM ☐	TEM ☐
67	↓		PLM ☐	TEM ☐
68	↓		PLM ☐	TEM ☐
69	Tile		PLM ☐	TEM ☐
70	↓		PLM ☐	TEM ☐
71	↓		PLM ☑	TEM ☐
			PLM ☐	TEM ☐
			PLM ☐	TEM ☐
			PLM ☐	TEM ☐
			PLM ☐	TEM ☐
			PLM ☐	TEM ☐
			PLM ☐	TEM ☐
			PLM ☐	TEM ☐
			PLM ☐	TEM ☐
			PLM ☐	TEM ☐
			PLM ☐	TEM ☐
			PLM ☐	TEM ☐
			PLM ☐	TEM ☐
			PLM ☐	TEM ☐
			PLM ☐	TEM ☐

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ASBESTOS ANALYTICAL REPORT
By: Polarized Light Microscopy

Prepared for

KPH Environmental Corp

CLIENT PROJECT: Kenosha; 18-400-001.1712

LAB CODE: A1811511A

TEST METHOD: PLM Gravimetric Point Count
EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORT DATE: 10/08/18

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

eurofins | CEI

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

Lab Code: A1811511A
Date Received: 10-03-18
Date Analyzed: 10-08-18
Date Reported: 10-08-18

Project: Kenosha; 18-400-001.1712

ASBESTOS GRAVIMETRIC POINT COUNT PLM, EPA 600 METHOD

Client ID Lab ID	Material Description	Sample Weight (g)	Organic Material (%)	Acid Soluble Material (%)	Acid Insoluble Material (%)	ASBESTOS %	
36 A122793B	Floor Tile	0.221	17	69	13	**1.4%**	**Chrysotile**

LEGEND: None

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

REPORTING LIMIT: Varies with the weight and constituents of the sample (<0.25%)

REGULATORY LIMIT: >1% by weight

This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins CEI. Eurofins CEI makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. Samples were received in acceptable condition unless otherwise noted. *Estimated measurement of uncertainty is available on request.* This report may not be used by the client to claim product endorsement bv NVLAP or any other agency of the U.S. Government.

ANALYST: Scott Minyard

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

NVLAP TESTING
NVLAP LAB CODE 101768-0

SM

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CHAIN OF CUSTODY

730 SE Maynard Road, Cary, NC 27511
Tel: 866-481-1412; Fax: 919-481-1442

LAB USE ONLY:
CEI Lab Code:
CEI Lab I.D. Range:

COMPANY INFORMATION		PROJECT INFORMATION	
CEI CLIENT #:		Job Contact:	Dean Jacobsen
Company:	KPH Environmental Corp.	Email / Tel:	(414) 647-1530
Address:	1237 W. Bruce St.	Project Name:	Kenosha
	Milwaukee, WI 53204	Project ID#:	18-400-001.1712
Email:	dean.jacobsen@kphenvironmental.com	PO #:	
Tel: (414) 647-1530	Fax: (414) 647-1540	STATE SAMPLES COLLECTED IN:	

IF TAT IS NOT MARKED STANDARD 3 DAY TAT APPLIES.

ASBESTOS	METHOD	TURN AROUND TIME					
		4 HR	8 HR	1 DAY	2 DAY	3 DAY	5 DAY
PLM BULK	EPA 600	☐	☐	☐	☐	☐	☐
PLM POINT COUNT (400)	EPA 600	☐	☐	☐	☐	☐	☐
PLM POINT COUNT (1000)	EPA 600	☐	☐	☐	☐	☐	☐
PLM GRAV w POINT COUNT	EPA 600		☐	☐	☐	☒	☐
PLM BULK	CARB 435		☐	☐	☐	☐	☐
PCM AIR	NIOSH 7400	☐	☐	☐	☐	☐	☐
TEM AIR	EPA AHERA	☐	☐	☐	☐	☐	☐
TEM AIR	NIOSH 7402	☐	☐	☐	☐	☐	☐
TEM AIR (PCME)	ISO 10312	☐	☐	☐	☐	☐	☐
TEM AIR	ASTM 6281-15	☐	☐	☐	☐	☐	☐
TEM BULK	CHATFIELD		☐	☐	☐	☐	☐
TEM DUST WIPE	ASTM D6480-05 (2010)	☐	☐	☐	☐	☐	☐
TEM DUST MICROVAC	ASTM D5755-09 (2014)	☐	☐	☐	☐	☐	☐
TEM SOIL	ASTM D7521-16			☐	☐	☐	☐
TEM VERMICULITE	CINCINNATI METHOD			☐	☐	☐	☐
TEM QUALITTATIVE	IN-HOUSE METHOD		☐	☐	☐	☐	☐
OTHER:		☐	☐	☐	☐	☐	☐

REMARKS / SPECIAL INSTRUCTIONS:

Lab Code A1811511

☐ Accept Samples
☐ Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
Dean Jacobsen	10/3/18 815	KDH	10/3 9:20

Samples will be disposed of 30 days after analysis

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SAMPLING FORM

COMPANY CONTACT INFORMATION			
Company:	KPH Environmental Corp.	Job Contact:	Dean Jacobsen
Project Name:	Kenosha		
Project ID #:	18-400-001.1712	Tel:	(414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST			
36	Floor Tile		PLM	☒	TEM	☐
			PLM	☐	TEM	☐
			PLM	☐	TEM	☐
			PLM	☐	TEM	☐
			PLM	☐	TEM	☐
			PLM	☐	TEM	☐
			PLM	☐	TEM	☐
			PLM	☐	TEM	☐
			PLM	☐	TEM	☐
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			PLM	☐	TEM	☐
			PLM	☐	TEM	☐
			PLM	☐	TEM	☐
			PLM	☐	TEM	☐
			PLM	☐	TEM	☐
			PLM	☐	TEM	☐

B. PAINT LABORATORY RESULTS

Eurofins CEI
730 SE Maynard Road, Cary, NC 27511
Phone: (919) 481-1413 Fax: (919) 481-1442

LABORATORY REPORT
LEAD IN PAINT

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

Lab Code: C180774
Received: 09-27-18
Analyzed: 10-02-18
Reported: 10-02-18

Project: Kenosha; 18-400-001.1712

ANALYSIS METHOD: EPA SW846 7000B

CLIENT ID	LAB ID	PPM (µg/g)	CONCENTRATION % BY WEIGHT
P01	CA66501	53	**0.0053**
P02	CA66502	57	**0.0057**

Reviewed By:

Tianbao Bai, Ph.D.
Laboratory Director

This method has been validated for sample weights of 0.020g or greater. When samples with a weight of less than that are analyzed those results fall outside of the scope of accreditations.
*** The analysis of composite wipe samples as a single samples is not included under AIHA accreditation.**

Minimum reporting limit is 10 µg total lead. Sample results denoted with a "less than" (<) sign contain less than 10.0 µg total lead, based on a 40ml sample volume.

Lead samples are not analyzed by Eurofins CEI Lead samples are submitted to an AIHA ELLAP accredited laboratory for lead analysis of soil, dust, paint, and TCLP samples.
Laboratory results represent the analysis of samples as submitted by the client. Information regarding sample location, description, area, volume, etc., was provided by the client. Unless notified in writing to return samples, Eurofins CEI discards client samples after 30 days. This report shall not be reproduced, except in full, without the written consent of Eurofins CEI.

REGULATORY LIMITS
OSHA Standard: No safe limit.
Consumer Products Safety Standard: Greater than 0.009% lead by weight.
Federal Lead Standard / HUD: 0.5% lead by weight.

LEGEND
µg = microgram
ml = milliliter
ppm = parts per million
Pb = lead
g = grams
wt = weight

End of Report

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CHAIN OF CUSTODY

730 SE Maynard Road, Cary, NC 27511
Tel: 866-481-1412; Fax: 919-481-1442

LAB USE ONLY:	
CEI Lab Code:	C180774(2)
CEI Lab I.D. Range:	CA66501- CA66502

COMPANY INFORMATION		PROJECT INFORMATION	
CEI CLIENT #:		Job Contact:	Dean Jacobsen
Company:	KPH Environmental Corp.	Email / Tel:	(414) 647-1530
Address:	1237 W. Bruce St.	Project Name:	Kenosha
	Milwaukee, WI 53204	Project ID#	18-400-001.1712
Email:	dean.jacobsen@kphenvironmental.com	PO #:	
Tel:	(414) 647-1530 Fax: (414) 647-1540	STATE SAMPLES COLLECTED IN:	

IF TAT IS NOT MARKED STANDARD 3 DAY TAT APPLIES.

Analyte	METHOD	TURN AROUND TIME					
		4 HR**	8 HR**	1 DAY**	2 DAY	3 DAY	5 DAY
LEAD PAINT	EPA SW846 7000B				☐	☒	☐
LEAD WIPE	EPA SW846 7000B				☐	☐	☐
LEAD SOIL	EPA SW846 7000B				☐	☐	☐
LEAD AIR	EPA SW846 7000B				☐	☐	☐
LEAD TCLP	EPA SW846 7000B				☐	☐	☐
RCRA 8 METALS	EPA SW846 7000B				☐	☐	☐
RCRA 8 TCLP	EPA SW846 7000B				☐	☐	☐
OTHER:					☐	☐	☐

TAT IS NOT AVAILABLE. LEAD SAMPLES ARE SUBCONTRACTED FOR ANALYSIS TO AN ELLAP ACCREDITED LAB.

REMARKS:	☒ Accept Samples ☐ Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
Dean Jacobsen	9/26/18 1700	MLS	9/27/18 9:40

Samples will be disposed of 30 days after analysis

C180774

eurofins | CEI

SAMPLING FORM

COMPANY CONTACT INFORMATION			
Company:	KPH Environmental Corp.	Job Contact:	Dean Jacobsen
Project Name:	Kenosha		
Project ID #:	18-400-001.1712	Tel:	(414) 647-1530

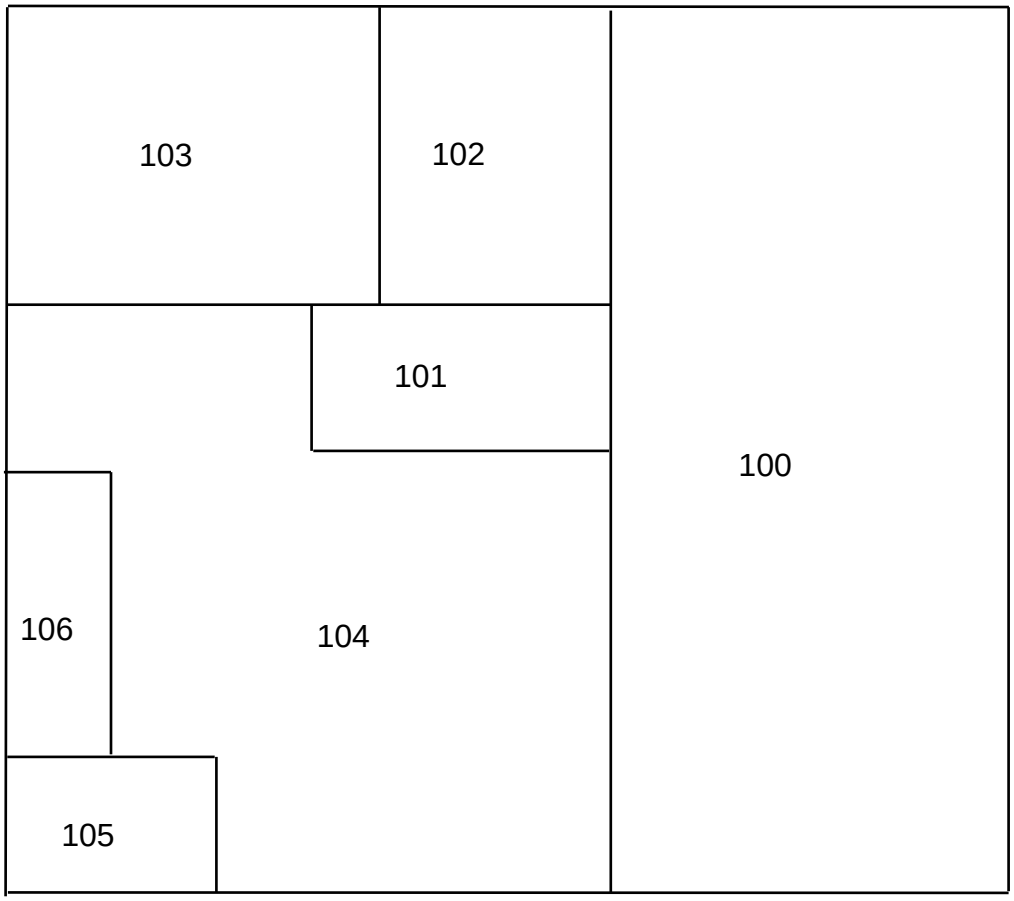
SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/AREA	COMMENTS
801			
802			

C. FLOOR PLANS

One Family Dwelling
1712 50th Street
Kenosha, Wisconsin

N

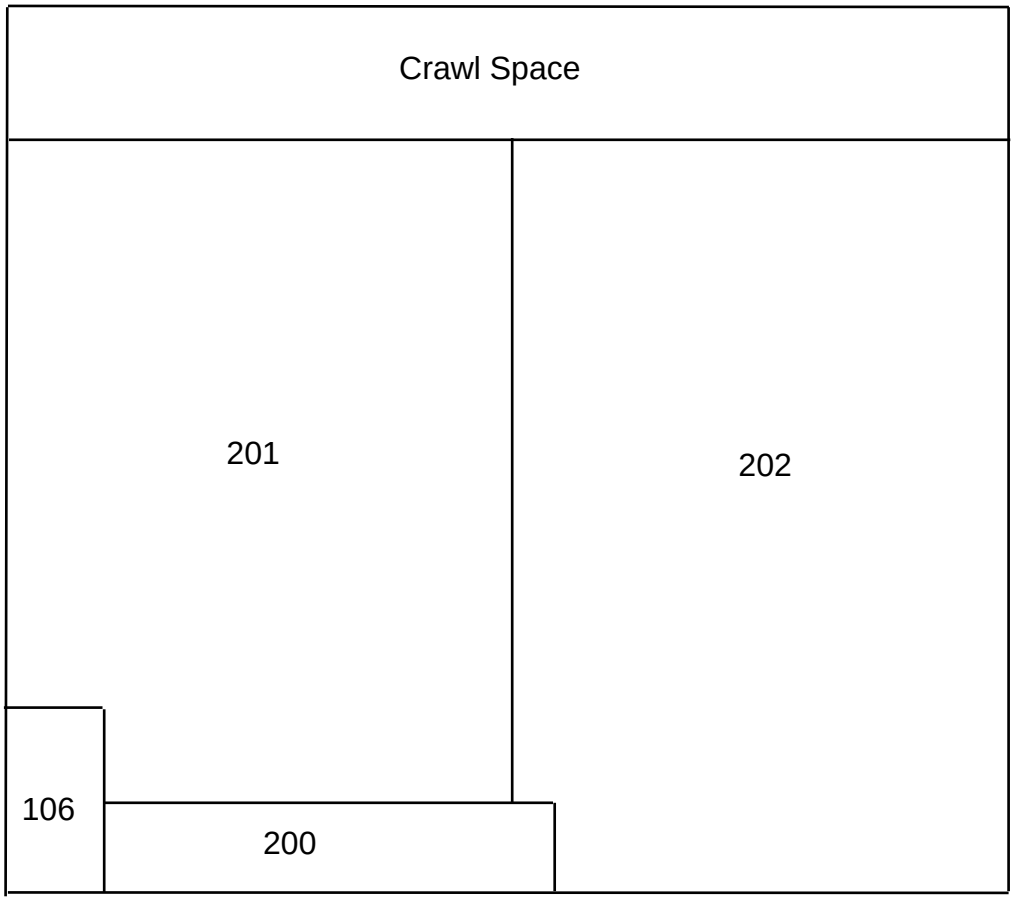
1st Floor Plan



One Family Dwelling
1712 50th 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 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

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

February 1, 2018

DAMIAN SCOTT ROGOWSKI
1237 W BRUCE ST
MILWAUKEE WI 53204-1218

ID# AII-161300

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

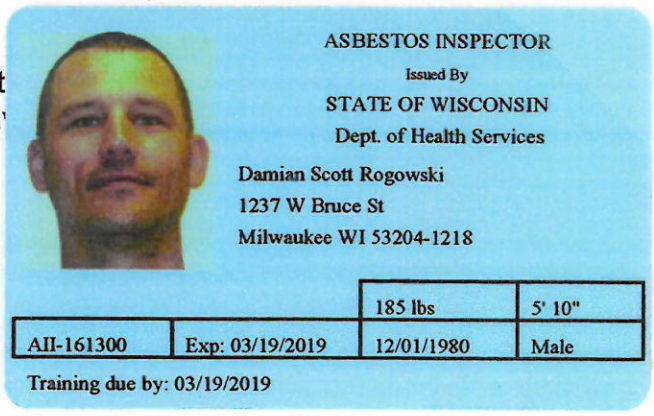
Follow Wisconsin law by making sure that you:

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 prot
professional responsibility. Contact us if you ha
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

PRE-DEMOLITION INSPECTION REPORT
Job Site:

Two Family Dwelling
1714 50th 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 # 18-400-001.1714

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

KPH Environmental
1237 West Bruce Street
Milwaukee, Wisconsin 53204

October 2018

TABLE OF CONTENTS

Pre-Demolition Inspection Report
1714 50th 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 two family dwelling at 1714 50th Street, Kenosha, Wisconsin, prior to demolition. KPH conducted a visual inspection for asbestos, potential lead painted recyclable surfaces, and universal wastes. KPH collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above the regulatory level of 1% in transite siding, yellow and brown linoleum, yellow and gray linoleum, flue packing, and duct wrap. It was detected at less than 1% in window glazing compound and exterior caulk as verified by point counting.

Under state and federal laws the transite siding, yellow and brown linoleum, yellow and gray linoleum, flue packing, and duct wrap likely have to be abated prior to demolition. The window glazing compound and exterior caulk are not asbestos containing materials and may remain on the building during demolition. Asbestos containing materials were assumed to be in the roof flashing and electrical boxes and may also have to be abated prior to demolition. Other materials tested during the inspection do not contain asbestos. Results are in Section II of this report.

Paint sample testing revealed that lead was detected in interior and exterior samples. Lead based paint was not detected.

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-demolition inspection of the two family dwelling at 1714 50th Street, Kenosha, Wisconsin, for the following:

- Suspect asbestos containing materials
- Suspect lead painted surfaces that could be recycled, such as brick, concrete block, concrete, and metal
- 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 1714 50th Street, Kenosha, Wisconsin, was conducted on September 24, 2018, to cover the items listed above. The inspection was conducted by Damian Rogowski, Wisconsin Asbestos Inspector License No. 161300. 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 on the plumbing system and plaster walls and ceilings, sampling and documentation of any of these suspect materials, and quantification of observable and accessible positive materials existing within the spaces inspected that are planned for renovation.

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

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

B. List of Suspect Asbestos Containing Materials

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

- Window glazing compound
- Transite siding
- Tar paper
- Paper insulation
- Asphalt roofing
- Brick
- Caulk
- Drywall/joint compound
- Duct wrap
- Ceramic tile
- Linoleum/mastic
- Plaster
- Vermiculite insulation

- Flue packing
- Roof flashing
- Miscellaneous 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 Eurofins CEI of Cary, North Carolina, 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
1	Exterior – on south window – glazing compound	Positive 2% Chrysotile	MPG
1	Exterior – on south window – glazing compound	Trace 0.9% Chrysotile	MPG
2	Not Analyzed Due to Prior Positive Sample	N/A	MPG
3	Not Analyzed Due to Prior Positive Sample	N/A	MPG
4	**Exterior – south wall – transite siding**	**Positive 15% Chrysotile**	**MTP**
5	Not Analyzed Due to Prior Positive Sample	N/A	MTP
6	Not Analyzed Due to Prior Positive Sample	N/A	MTP
7	Exterior – south wall under transite – tar paper	Negative	MPT
8	Exterior – west wall under transite – tar paper	Negative	MPT
9	Exterior – east wall under transite – tar paper	Negative	MPT
10	Exterior – south wall under wood siding – paper insulation	Negative	MPI

Sample #	Location and Description	Results	Homogeneous Code
11	Exterior – east wall under wood siding – paper insulation	Negative	MPI
12	Exterior – west wall under wood siding – paper insulation	Negative	MPI
13	Roof – south side – black asphalt shingle	Negative	MRSk
14	Roof – east side – black asphalt shingle	Negative	MRSk
15	Roof – west side – black asphalt shingle	Negative	MRSk
16a	Exterior – south basement wall – brick	Negative	MBR
16b	Exterior – south basement wall – mortar	Negative	MBR
17a	Exterior – east basement wall – brick	Negative	MBR
17b	Exterior – east basement wall – mortar	Negative	MBR
18a	Exterior – west basement wall – brick	Negative	MBR
18b	Exterior – west basement wall – mortar	Negative	MBR
19	Exterior – around south window – white caulk	Positive 2% Chrysotile	MCLKw
19	Point Count Result	Trace 0.22% Chrysotile	MCLKw
20	Not Analyzed Due to Prior Positive Sample	N/A	MCLKw
21	Not Analyzed Due to Prior Positive Sample	N/A	MCLKw
22	1st floor – room 101 – west wall – drywall/joint compound	Negative	MDW
23	1st floor – room 104 – ceiling – drywall	Negative	MDW
24	2nd floor – room 204 – ceiling – drywall	Negative	MDW
25	**1st floor – room 101 – on west wall duct – duct wrap**	**Positive 65% Chrysotile**	**TDW**
26	Not Analyzed Due to Prior Positive Sample	N/A	TDW
27	Not Analyzed Due to Prior Positive Sample	N/A	TDW
28	1st floor – room 102 – on ceiling under panel – beige mastic	Negative	MPMe
29	2nd floor – room 201 – on south wall under panel – beige mastic	Negative	MPMe
30	1st floor – room 102 – on ceiling under panel – beige mastic	Negative	MPMe
31a	1st floor – room 103 – top layer southeast floor – white ceramic tile	Negative	MCTMw
31b	1st floor – room 103 – top layer southeast floor – grout	Negative	MCTMw
31c	1st floor – room 103 – 2nd layer southeast floor – brown linoleum	Negative	MFLn
31d	1st floor – room 103 – bottom layer southeast floor – tar paper #2	Negative	MPT2
32a	1st floor – room 103 – top layer northwest floor – white ceramic tile	Negative	MCTMw
32b	1st floor – room 103 – top layer northwest floor – grout	Negative	MCTMw
32c	1st floor – room 103 – 2nd layer northwest floor – brown linoleum	Negative	MFLn
32d	1st floor – room 103 – bottom layer northwest floor – tar paper #2	Negative	MPT2
33a	1st floor – room 103 – top layer southwest floor – white ceramic tile	Negative	MCTMw
33b	1st floor – room 103 – top layer southwest floor – grout	Negative	MCTMw
33c	1st floor – room 103 – 2nd layer southwest floor – brown linoleum	Negative	MFLn

Sample #	Location and Description	Results	Homogeneous Code
33d	1st floor – room 103 – bottom layer southwest floor – tar paper #2	Negative	MPT2
34a	1st floor – room 105 – on north wall – black and white ceramic tile	Negative	MCTMkw
34b	1st floor – room 105 – on north wall – grout	Negative	MCTMkw
35a	1st floor – room 105 – on south wall – black and white ceramic tile	Negative	MCTMkw
35b	1st floor – room 105 – on south wall – grout	Negative	MCTMkw
36a	1st floor – room 105 – on west wall – black and white ceramic tile	Negative	MCTMkw
36b	1st floor – room 105 – on west wall – grout	Negative	MCTMkw
37	1st floor – room 106 – east side – black linoleum	Negative	MFLk
38	1st floor – room 106 – on top step – black linoleum	Negative	MFLk
39	1st floor – room 106 – on center step – black linoleum	Negative	MFLk
40	**2nd floor – room 203 – top layer north side – yellow and brown linoleum**	**Positive 25% Chrysotile**	**MFLln**
41	Not Analyzed Due to Prior Positive Sample	N/A	MFLln
42	Not Analyzed Due to Prior Positive Sample	N/A	MFLln
43	2nd floor – room 203 – bottom layer north side – tan linoleum	Negative	MFLt
44	2nd floor – room 203 – bottom layer center – tan linoleum	Negative	MFLt
45	2nd floor – room 203 – bottom layer west side – tan linoleum	Negative	MFLt
46a	2nd floor – room 203 – west wall – plaster skim coat	Negative	SPl
46b	2nd floor – room 203 – west wall – plaster base coat	Negative	SPl
47a	2nd floor – room 201 – south wall – plaster skim coat	Negative	SPl
47b	2nd floor – room 201 – south wall – plaster base coat	Negative	SPl
48a	1st floor – room 100 – north wall – plaster skim coat	Negative	SPl
48b	1st floor – room 100 – north wall – plaster base coat	Negative	SPl
49a	1st floor – room 101 – ceiling – plaster skim coat	Negative	SPl
49b	1st floor – room 101 – ceiling – plaster base coat	Negative	SPl
50a	1st floor – room 106 – north wall – plaster skim coat	Negative	SPl
50b	1st floor – room 106 – north wall – plaster base coat	Negative	SPl
51a	2nd floor – room 206 – top layer west side – gray and tan linoleum	Negative	MFLyt
51b	2nd floor – room 206 – 2nd layer west side – yellow linoleum	Negative	MFLl
51c	**2nd floor – room 206 – bottom layer west side – yellow and gray linoleum**	**Positive 25% Chrysotile**	**MFLly**
52	Not Analyzed Due to Prior Positive Sample	N/A	MFLyt/MFLly
53	Not Analyzed Due to Prior Positive Sample	N/A	MFLyt/MFLly
54	Attic – on south floor – vermiculite insulation	Negative	MVI
55	Attic – on center floor – vermiculite insulation	Negative	MVI
56	Attic – on north floor – vermiculite insulation	Negative	MVI
57	**Basement – on chimney – flue packing**	**Positive 30% Chrysotile**	**TFP**
58	Not Analyzed Due to Prior Positive Sample	N/A	TFP
59	Not Analyzed Due to Prior Positive Sample	N/A	TFP

Homogeneous Material Codes

SPl	Plaster
MPG	Glazing Compound
MTP	Transite
MPT	Tar Paper Exterior
MPT2	Tar Paper Interior
MPI	Paper Insulation
MBI	Blown in Insulation
MRSk	Black Asphalt Shingle
MBR	Brick
MCLKw	White Caulk
MDW	Drywall/Joint Compound
MPMe	Beige Wall Panel Mastic
MCTMw	White Ceramic Tile
MCTMkw	Black & White Ceramic Tile
MFLn	Brown Linoleum
MFLk	Black Linoleum
MFLln	Yellow & Brown Linoleum
MFLt	Tan Linoleum
MFLyt	Gray & Tan Linoleum
MFLl	Yellow Linoleum
MFLly	Yellow & Gray Linoleum
MVI	Vermiculite Insulation
TDW	Duct Wrap
TFP	Flue Packing

E. Asbestos Locations and Quantities

Five (5) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM).

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Transite Siding	MTP	Exterior Walls	3,000 SF	Good
Duct Wrap	TDW	1st Floor Rooms 101 & 105 on Ducts 2nd Floor Rooms 201, 202, 204, & 205 on Ducts Basement on Ducts	100 SF	Poor
Yellow & Brown Linoleum	MFLln	2nd Floor Room 203 Top Layer	220 SF	Good
Yellow & Gray Linoleum	MFLly	2nd Floor Room 206 Bottom Layer	70 SF	Good
Flue Packing	TFP	Basement on Chimney	4 SF	Poor

Assumed Asbestos Containing Materials

Material	Location	Approximate Quantity	Condition
Roof Flashing	Roof at Chimney	4 SF	Fair
Electrical Panels – Suspect Transite	Exterior & Basement Electrical Boxes	9 Boxes	Good

The flashing was not accessible at the time of the inspection.

The yellow and brown linoleum, yellow and gray linoleum, flue packing, and duct wrap are friable asbestos containing materials. They meet the definition of a regulated asbestos containing material (RACM) under NR 447 of the Wisconsin Administrative Code.

The transite siding is a category II non-friable asbestos containing material. If it becomes crumbled, pulverized or reduced to powder during demolition they will become RACM as defined under NR 447.

The roof flashing is a category I non-friable asbestos containing material. It was in non-friable condition at the time of the inspection. If this material is subjected to sanding, grinding, cutting or abrading during demolition, it would be then be defined as RACM under NR 447. If the category I non-friable asbestos containing materials do not become RACM during demolition, under NR 447 they may remain on the building and be disposed at a Wisconsin licensed landfill with the other demolition debris

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. 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.

DHS 159.04 (53) definitions "Vermiculite insulation" means vermiculite that has been expanded through a heating process and is used as loose-fill building insulation. It is a "suspect asbestos-containing material" under sub. DHS 159.04(50). **Note:** Vermiculite insulation is assumed to be asbestos-containing material unless proven otherwise in accordance with EPA recommended sampling and analysis protocols specific to vermiculite insulation. As of the publication of this chapter, the EPA has not published official guidance for sampling and testing protocols to test for the presence or absence of asbestos in vermiculite insulation. When recommended protocols are published, vermiculite insulation may be sampled and analyzed using the EPA recommended protocols to determine any asbestos content. Until such time, vermiculite insulation must be assumed to contain asbestos and be treated as an asbestos-containing material under HFS 159.

DHS 159.06 of the Wisconsin Administrative Code states that the demolition machine operator does require asbestos certification where an individual operates a motorized vehicle to demolish or remove a facility.

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

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

III. LEAD PAINT INSPECTION

A. Methods

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. 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 2017).

The inspection at the one family dwelling at 1714 50th Street, Kenosha, Wisconsin, took place on September 24, 2018. A room by room inspection was conducted of metal, block, brick, or concrete locations scheduled for demolition, noting the location, substrate, and color of these painted surfaces.

The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

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 in paint. Reference Paint Test Results below.

Interior: Dwelling at 1714 50th Street, Kenosha, Wisconsin

- Painted brick was observed in basement and room 107 rooms. Lead was detected but below the 0.5% lead based paint standard in Ch. 254.

Exterior: Dwelling at 1714 50th Street, Kenosha, Wisconsin

- Painted brick was observed in basement level walls. Lead was detected but below the 0.5% lead based paint standard in Ch. 254.

The following are the laboratory results.

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P1	Exterior	Southeast Wall	Brick	Red	0.016
P2	Room 107	Southeast Wall	Brick	Gray	0.034
P3	Basement	North Wall	Brick	White	<0.0046

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 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:

- 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.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, 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 Department (DNR Form 4400-274).

IV. 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
Paint	Rooms 101, 107, & 200	32 Gallons
Refrigerator-CFC	Room 103	1
Window Air Conditioner-CFC	Room 102	1
Tires	Basement	1
Fluorescent Light Bulbs-Mercury	Attic	16
Fluorescent Light Ballasts-PCB	Attic	2

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

V. EXCLUSIONS

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 demolition contractor.

A limited lead inspection was conducted. The results are representative only of the specific locations that were inspected on the building. This report represents the condition of the building and the visible/accessible locations at the date and the time of the onsite inspection.

VI. 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

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ASBESTOS ANALYTICAL REPORT
By: Polarized Light Microscopy

Prepared for

KPH Environmental Corp

CLIENT PROJECT: Kenosha; 18-400-001.1714

LAB CODE: A1811510

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

REPORT DATE: 10/02/18

TOTAL SAMPLES ANALYZED: 45

SAMPLES >1% ASBESTOS: 7

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.1714 **LAB CODE:** A1811510

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
01		A122699	White	Glazing	Chrysotile 2%
02		A122700		Sample Not Analyzed per COC	
03		A122701		Sample Not Analyzed per COC	
04		A122702	Blue,Gray	Transite	Chrysotile 15%
05		A122703		Sample Not Analyzed per COC	
06		A122704		Sample Not Analyzed per COC	
07		A122705	Black	Tarpaper	None Detected
08		A122706	Black	Tarpaper	None Detected
09		A122707	Black	Tarpaper	None Detected
10		A122708	Brown	Paper	None Detected
11		A122709	Brown	Paper	None Detected
12		A122710	Brown	Paper	None Detected
13		A122711	Black	Shingle	None Detected
14		A122712	Black	Shingle	None Detected
15		A122713	Black	Shingle	None Detected
16	Layer 1	A122714	Red,Orange	Brick	None Detected
	Layer 2	A122714	Gray	Mortar	None Detected
17	Layer 1	A122715	Red,Orange	Brick	None Detected
	Layer 2	A122715	Gray	Mortar	None Detected
18	Layer 1	A122716	Red,Orange	Brick	None Detected
	Layer 2	A122716	Gray	Mortar	None Detected
19		A122717	White	Caulking	Chrysotile 2%
20		A122718		Sample Not Analyzed per COC	
21		A122719		Sample Not Analyzed per COC	
22		A122720	White	Drywall/Joint Compound	None Detected
23		A122721	White	Drywall	None Detected
24		A122722	White	Drywall	None Detected
25		A122723	White	Insulation	Chrysotile 65%
26		A122724		Sample Not Analyzed per COC	
27		A122725		Sample Not Analyzed per COC	
28		A122726	Beige	Mastic	None Detected

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Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.1714 **LAB CODE:** A1811510

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
29		A122727	Beige	Mastic	None Detected
30		A122728	Beige	Mastic	None Detected
31	Layer 1	A122729A	White	Ceramic Tile	None Detected
	Layer 2	A122729A	Gray	Grout	None Detected
		A122729B	Brown	Linoleum	None Detected
		A122729C	Black	Tarpaper	None Detected
32	Layer 1	A122730A	White	Ceramic Tile	None Detected
	Layer 2	A122730A	Gray	Grout	None Detected
		A122730B	Brown	Linoleum	None Detected
		A122730C	Black	Tarpaper	None Detected
33	Layer 1	A122731A	White	Ceramic Tile	None Detected
	Layer 2	A122731A	Gray	Grout	None Detected
		A122731B	Brown	Linoleum	None Detected
		A122731C	Black	Tarpaper	None Detected
34	Layer 1	A122732	Black,White	Marble Tile	None Detected
	Layer 2	A122732	White	Grout	None Detected
35	Layer 1	A122733	Black,White	Marble Tile	None Detected
	Layer 2	A122733	White	Grout	None Detected
36	Layer 1	A122734	Black,White	Marble Tile	None Detected
	Layer 2	A122734	White	Grout	None Detected
37		A122735	Gray,Yellow	Linoleum	None Detected
38		A122736	Gray,Yellow	Linoleum	None Detected
39		A122737	Gray,Yellow	Linoleum	None Detected
40		A122738	Brown,Yellow	Linoleum	Chrysotile 25%
41		A122739		Sample Not Analyzed per COC	
42		A122740		Sample Not Analyzed per COC	
43		A122741	Yellow	Linoleum	None Detected
44		A122742	Yellow	Linoleum	None Detected
45		A122743	Yellow	Linoleum	None Detected
46	Layer 1	A122744	White	Plaster Skim Coat	None Detected
	Layer 2	A122744	Gray	Plaster Base Coat	None Detected

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.1714 **LAB CODE:** A1811510

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
47	Layer 1	A122745	White	Plaster Skim Coat	None Detected
	Layer 2	A122745	Gray	Plaster Base Coat	None Detected
48	Layer 1	A122746	White	Plaster Skim Coat	None Detected
	Layer 2	A122746	Gray	Plaster Base Coat	None Detected
49	Layer 1	A122747	White	Plaster Skim Coat	None Detected
	Layer 2	A122747	Gray	Plaster Base Coat	None Detected
50	Layer 1	A122748	White	Plaster Skim Coat	None Detected
	Layer 2	A122748	Gray	Plaster Base Coat	None Detected
51		A122749A	Gray,Black	Linoleum	None Detected
		A122749B	Yellow,Flowers	Linoleum	None Detected
		A122749C	Yellow,Stones	Linoleum	Chrysotile 25%
52		A122750		Sample Not Analyzed per COC	
53		A122751		Sample Not Analyzed per COC	
54		A122752	Gold	Insulation	None Detected
55		A122753	Gold	Insulation	None Detected
56		A122754	Gold	Insulation	None Detected
57		A122755	Off-white	Flue Packing	Chrysotile 30%
58		A122756		Sample Not Analyzed per COC	
59		A122757		Sample Not Analyzed per COC	

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

Lab Code: A1811510
Date Received: 09-27-18
Date Analyzed: 10-01-18
Date Reported: 10-02-18

Project: Kenosha; 18-400-001.1714

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
01 A122699	Glazing	Heterogeneous White Non-fibrous Loosely Bound			38% 30% 30%	Binder Silicates Calc Carb	**2% Chrysotile**
02 A122700	Sample Not Analyzed per COC						
03 A122701	Sample Not Analyzed per COC						
04 A122702	Transite	Heterogeneous Blue,Gray Fibrous Bound			20% 60% 5%	Binder Silicates Paint	**15% Chrysotile**
05 A122703	Sample Not Analyzed per COC						
06 A122704	Sample Not Analyzed per COC						
07 A122705	Tarpaper	Homogeneous Black Fibrous Loosely Bound	70%	Cellulose	30%	Tar	None Detected
08 A122706	Tarpaper	Homogeneous Black Fibrous Loosely Bound	70%	Cellulose	30%	Tar	None Detected
09 A122707	Tarpaper	Homogeneous Black Fibrous Loosely Bound	70%	Cellulose	30%	Tar	None Detected

ASBESTOS BULK ANALYSIS

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
10 A122708	Paper	Homogeneous Brown Fibrous Loosely Bound	100%	Cellulose			None Detected
11 A122709	Paper	Homogeneous Brown Fibrous Loosely Bound	100%	Cellulose			None Detected
12 A122710	Paper	Homogeneous Brown Fibrous Loosely Bound	100%	Cellulose			None Detected
13 A122711	Shingle	Heterogeneous Black Fibrous Loosely Bound	60%	Cellulose	30% 10%	Tar Silicates	None Detected
14 A122712	Shingle	Heterogeneous Black Fibrous Loosely Bound	25%	Fiberglass	30% 35% 10%	Tar Silicates Gravel	None Detected
15 A122713	Shingle	Heterogeneous Black Fibrous Loosely Bound	25%	Fiberglass	30% 35% 10%	Tar Silicates Gravel	None Detected
16 Layer 1 A122714	Brick	Homogeneous Red,Orange Non-fibrous Bound			15% 85%	Binder Silicates	None Detected

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Project: Kenosha; 18-400-001.1714

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	Non-Fibrous	ASBESTOS %
Layer 2 A122714	Mortar	Homogeneous Gray Non-fibrous Bound	20% 70% 10%	Binder Silicates Calc Carb	None Detected
17 Layer 1 A122715	Brick	Homogeneous Red,Orange Non-fibrous Bound	15% 85%	Binder Silicates	None Detected
Layer 2 A122715	Mortar	Homogeneous Gray Non-fibrous Bound	20% 70% 10%	Binder Silicates Calc Carb	None Detected
18 Layer 1 A122716	Brick	Homogeneous Red,Orange Non-fibrous Bound	15% 85%	Binder Silicates	None Detected
Layer 2 A122716	Mortar	Homogeneous Gray Non-fibrous Bound	20% 70% 10%	Binder Silicates Calc Carb	None Detected
19 A122717	Caulking	Heterogeneous White Fibrous Bound	75% 13% 10%	Caulk Binder Binder	**2% Chrysotile**
20 A122718	Sample Not Analyzed per COC				
21 A122719	Sample Not Analyzed per COC				

ASBESTOS BULK ANALYSIS

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Project: Kenosha; 18-400-001.1714

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
22 A122720	Drywall/Joint Compound	Heterogeneous White Fibrous Loosely Bound	15%	Cellulose	80% 5%	Gypsum Calc Carb	None Detected
23 A122721	Drywall	Heterogeneous White Fibrous Loosely Bound	15%	Cellulose	85%	Gypsum	None Detected
24 A122722	Drywall	Heterogeneous White Fibrous Loosely Bound	15%	Cellulose	85%	Gypsum	None Detected
25 A122723	Insulation	Homogeneous White Fibrous Loosely Bound			35%	Binder	**65% Chrysotile**
26 A122724	Sample Not Analyzed per COC						
27 A122725	Sample Not Analyzed per COC						
28 A122726	Mastic	Homogeneous Beige Non-fibrous Bound			100%	Mastic	None Detected
29 A122727	Mastic	Homogeneous Beige Non-fibrous Bound			100%	Mastic	None Detected

ASBESTOS BULK ANALYSIS

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Date Reported: 10-02-18

Project: Kenosha; 18-400-001.1714

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
30 A122728	Mastic	Homogeneous Beige Non-fibrous Bound			100%	Mastic	None Detected
31 Layer 1 A122729A	Ceramic Tile	Homogeneous White Non-fibrous Tightly Bound			90% 10%	Silicates Binder	None Detected
Layer 2 A122729A	Grout	Homogeneous Gray Non-fibrous Tightly Bound			75% 15% 10%	Silicates Binder Calc Carb	None Detected
A122729B	Linoleum	Heterogeneous Brown Fibrous Bound	25% 10%	Cellulose Fiberglass	30% 35%	Vinyl Binder	None Detected
A122729C	Tarpaper	Heterogeneous Black Fibrous Bound	60%	Cellulose	40%	Tar	None Detected
32 Layer 1 A122730A	Ceramic Tile	Homogeneous White Non-fibrous Tightly Bound			90% 10%	Silicates Binder	None Detected
Layer 2 A122730A	Grout	Homogeneous Gray Non-fibrous Tightly Bound			75% 15% 10%	Silicates Binder Calc Carb	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

Lab Code: A1811510
Date Received: 09-27-18
Date Analyzed: 10-01-18
Date Reported: 10-02-18

Project: Kenosha; 18-400-001.1714

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
A122730B	Linoleum	Heterogeneous Brown Fibrous Bound	25% 10%	Cellulose Fiberglass	30% 35%	Vinyl Binder	None Detected
A122730C	Tarpaper	Heterogeneous Black Fibrous Bound	60%	Cellulose	40%	Tar	None Detected
33 Layer 1 A122731A	Ceramic Tile	Homogeneous White Non-fibrous Tightly Bound			90% 10%	Silicates Binder	None Detected
Layer 2 A122731A	Grout	Homogeneous Gray Non-fibrous Tightly Bound			75% 15% 10%	Silicates Binder Calc Carb	None Detected
A122731B	Linoleum	Heterogeneous Brown Fibrous Bound	25% 10%	Cellulose Fiberglass	30% 35%	Vinyl Binder	None Detected
A122731C	Tarpaper	Heterogeneous Black Fibrous Bound	60%	Cellulose	40%	Tar	None Detected
34 Layer 1 A122732	Marble Tile	Homogeneous Black,White Non-fibrous Tightly Bound			100%	Silicates	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

Lab Code: A1811510
Date Received: 09-27-18
Date Analyzed: 10-01-18
Date Reported: 10-02-18

Project: Kenosha; 18-400-001.1714

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
Layer 2 A122732	Grout	Homogeneous White Non-fibrous Bound			70% 20% 10%	Silicates Binder Calc Carb	None Detected
35 Layer 1 A122733	Marble Tile	Homogeneous Black,White Non-fibrous Tightly Bound			100%	Silicates	None Detected
Layer 2 A122733	Grout	Homogeneous White Non-fibrous Bound			70% 20% 10%	Silicates Binder Calc Carb	None Detected
36 Layer 1 A122734	Marble Tile	Homogeneous Black,White Non-fibrous Tightly Bound			100%	Silicates	None Detected
Layer 2 A122734	Grout	Homogeneous White Non-fibrous Bound			70% 20% 10%	Silicates Binder Calc Carb	None Detected
37 A122735	Linoleum	Heterogeneous Gray,Yellow Fibrous Bound	40%	Cellulose	30% 30%	Vinyl Tar	None Detected
38 A122736	Linoleum	Heterogeneous Gray,Yellow Fibrous Bound	40%	Cellulose	30% 30%	Vinyl Tar	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

Lab Code: A1811510
Date Received: 09-27-18
Date Analyzed: 10-01-18
Date Reported: 10-02-18

Project: Kenosha; 18-400-001.1714

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
39 A122737	Linoleum	Heterogeneous Gray,Yellow Fibrous Bound	40%	Cellulose	30% 30%	Vinyl Tar	None Detected
40 A122738	Linoleum	Heterogeneous Brown,Yellow Fibrous Bound	20%	Cellulose	30% 25%	Vinyl Binder	**25% Chrysotile**
41 A122739	Sample Not Analyzed per COC						
42 A122740	Sample Not Analyzed per COC						
43 A122741	Linoleum	Heterogeneous Yellow Fibrous Bound	40%	Cellulose	30% 30%	Vinyl Tar	None Detected
44 A122742	Linoleum	Heterogeneous Yellow Fibrous Bound	40%	Cellulose	30% 30%	Vinyl Tar	None Detected
45 A122743	Linoleum	Heterogeneous Yellow Fibrous Bound	40%	Cellulose	30% 30%	Vinyl Tar	None Detected
46 Layer 1 A122744	Plaster Skim Coat	Homogeneous White Non-fibrous Bound			30% 50% 20%	Binder Silicates Calc Carb	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

Lab Code: A1811510
Date Received: 09-27-18
Date Analyzed: 10-01-18
Date Reported: 10-02-18

Project: Kenosha; 18-400-001.1714

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
Layer 2 A122744	Plaster Base Coat	Homogeneous Gray Fibrous Bound	2% 	Hair 	30% 68%	Binder Silicates	None Detected
47 Layer 1 A122745	Plaster Skim Coat	Homogeneous White Non-fibrous Bound			30% 50% 20%	Binder Silicates Calc Carb	None Detected
Layer 2 A122745	Plaster Base Coat	Homogeneous Gray Fibrous Bound	2% 	Hair 	30% 68%	Binder Silicates	None Detected
48 Layer 1 A122746	Plaster Skim Coat	Homogeneous White Non-fibrous Bound			30% 50% 20%	Binder Silicates Calc Carb	None Detected
Layer 2 A122746	Plaster Base Coat	Homogeneous Gray Fibrous Bound	2% 	Hair 	30% 68%	Binder Silicates	None Detected
49 Layer 1 A122747	Plaster Skim Coat	Homogeneous White Non-fibrous Bound			30% 50% 20%	Binder Silicates Calc Carb	None Detected
Layer 2 A122747	Plaster Base Coat	Homogeneous Gray Fibrous Bound	2% 	Hair 	30% 68%	Binder Silicates	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

Lab Code: A1811510
Date Received: 09-27-18
Date Analyzed: 10-01-18
Date Reported: 10-02-18

Project: Kenosha; 18-400-001.1714

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
50 Layer 1 A122748	Plaster Skim Coat	Homogeneous White Non-fibrous Bound			30% 50% 20%	Binder Silicates Calc Carb	None Detected
Layer 2 A122748	Plaster Base Coat	Homogeneous Gray Fibrous Bound	2%	Hair	30% 68%	Binder Silicates	None Detected
51 A122749A	Linoleum	Heterogeneous Gray,Black Fibrous Bound	10%	Fiberglass	40% 40% 10%	Vinyl Foam Binder	None Detected
A122749B	Linoleum	Heterogeneous Yellow,Flowers Fibrous Bound	10% 25%	Fiberglass Cellulose	30% 30% 5%	Vinyl Binder Mastic	None Detected
A122749C	Linoleum	Heterogeneous Yellow,Stones Fibrous Bound	20%	Cellulose	30% 25%	Vinyl Binder	**25% Chrysotile**
52 A122750	Sample Not Analyzed per COC						
53 A122751	Sample Not Analyzed per COC						
54 A122752	Insulation	Homogeneous Gold Non-fibrous Loose			100%	Vermiculite	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

Lab Code: A1811510
Date Received: 09-27-18
Date Analyzed: 10-01-18
Date Reported: 10-02-18

Project: Kenosha; 18-400-001.1714

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	Non-Fibrous	ASBESTOS %
55 A122753	Insulation	Homogeneous Gold Non-fibrous Loose	100%	Vermiculite	None Detected
56 A122754	Insulation	Homogeneous Gold Non-fibrous Loose	100%	Vermiculite	None Detected
57 A122755	Flue Packing	Homogeneous Off-white Fibrous Loosely Bound	60% 10%	Binder Calc Carb	**30% Chrysotile**
58 A122756	Sample Not Analyzed per COC				
59 A122757	Sample Not Analyzed per COC				

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

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

REPORTING LIMIT: <1% by visual estimation

REPORTING LIMIT FOR POINT COUNTS: 0.25% by 400 Points or 0.1% by 1,000 Points

REGULATORY LIMIT: >1% by weight

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

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

ANALYST: Danielle Carrier

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

NVLAP TESTING
NVLAP LAB CODE 101768-0

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CHAIN OF CUSTODY

730 SE Maynard Road, Cary, NC 27511
Tel: 866-481-1412; Fax: 919-481-1442

LAB USE ONLY:	
CEI Lab Code:	A1811510 (59)
CEI Lab I.D. Range:	122699 - A122757

COMPANY INFORMATION		PROJECT INFORMATION	
CEI CLIENT #:		Job Contact:	Dean Jacobsen
Company:	KPH Environmental Corp.	Email / Tel:	(414) 647-1530
Address:	1237 W. Bruce St.	Project Name:	Kenosha
	Milwaukee, WI 53204	Project ID#:	18-400-001.1714
Email:	dean.jacobsen@kphenvironmental.com	PO #:	
Tel:	(414) 647-1530 Fax: (414) 647-1540	STATE SAMPLES COLLECTED IN:	WI

IF TAT IS NOT MARKED STANDARD 3 DAY TAT APPLIES.

ASBESTOS	METHOD	TURN AROUND TIME					
		4 HR	8 HR	1 DAY	2 DAY	3 DAY	5 DAY
PLM BULK	EPA 600	☐	☐	☐	☐	☒	☐
PLM POINT COUNT (400)	EPA 600	☐	☐	☐	☐	☐	☐
PLM POINT COUNT (1000)	EPA 600	☐	☐	☐	☐	☐	☐
PLM GRAV w POINT COUNT	EPA 600		☐	☐	☐	☐	☐
PLM BULK	CARB 435		☐	☐	☐	☐	☐
PCM AIR	NIOSH 7400	☐	☐	☐	☐	☐	☐
TEM AIR	EPA AHERA	☐	☐	☐	☐	☐	☐
TEM AIR	NIOSH 7402	☐	☐	☐	☐	☐	☐
TEM AIR (PCME)	ISO 10312	☐	☐	☐	☐	☐	☐
TEM AIR	ASTM 6281-15	☐	☐	☐	☐	☐	☐
TEM BULK	CHATFIELD		☐	☐	☐	☐	☐
TEM DUST WIPE	ASTM D6480-05 (2010)	☐	☐	☐	☐	☐	☐
TEM DUST MICROVAC	ASTM D5755-09 (2014)	☐	☐	☐	☐	☐	☐
TEM SOIL	ASTM D7521-16			☐	☐	☐	☐
TEM VERMICULITE	CINCINNATI METHOD			☐	☐	☐	☐
TEM QUALITTATIVE	IN-HOUSE METHOD		☐	☐	☐	☐	☐
OTHER:		☐	☐	☐	☐	☐	☐

REMARKS / SPECIAL INSTRUCTIONS:

Test Each Homogeneous Material Until >1%

☑ Accept Samples
☐ Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
	9/26/18 1200	MLS	9/27/18 9:40

Samples will be disposed of 30 days after analysis

Version: CCOC.01.18.1/2.LD

A1811510

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SAMPLING FORM

COMPANY CONTACT INFORMATION			
Company:	KPH Environmental Corp.	Job Contact:	Dean Jacobsen
Project Name:	Kenosha		
Project ID #:	18-400-001.1714	Tel:	(414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
1	Glazing		PLM ☒	TEM ☐
2	↓		PLM ☐	TEM ☐
3	↓		PLM ☐	TEM ☐
4	Transite		PLM ☐	TEM ☐
5	↓		PLM ☐	TEM ☐
6	↓		PLM ☐	TEM ☐
7	Tarpaper		PLM ☐	TEM ☐
8	↓		PLM ☐	TEM ☐
9	↓		PLM ☐	TEM ☐
10	Paper		PLM ☐	TEM ☐
11	↓		PLM ☐	TEM ☐
12	↓		PLM ☐	TEM ☐
13	Shingle		PLM ☐	TEM ☐
14	↓		PLM ☐	TEM ☐
15	↓		PLM ☐	TEM ☐
16	Block		PLM ☐	TEM ☐
17	↓		PLM ☐	TEM ☐
18	↓		PLM ☐	TEM ☐
19	Caulk		PLM ☐	TEM ☐
20	↓		PLM ☐	TEM ☐
21	↓		PLM ☐	TEM ☐
22	Drywall		PLM ☐	TEM ☐
23	↓		PLM ☐	TEM ☐
24	↓		PLM ☐	TEM ☐
25	Insulation		PLM ☐	TEM ☐
26	↓		PLM ☐	TEM ☐
27	↓		PLM ☐	TEM ☐
28	Mastic		PLM ☐	TEM ☐

AC 84510

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SAMPLING FORM

COMPANY CONTACT INFORMATION			
Company:	KPH Environmental Corp.	Job Contact:	Dean Jacobsen
Project Name:	Kenosha		
Project ID #:	18-400-001.1714	Tel:	(414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
29	Mastic		PLM ☒	TEM ☐
30	↓		PLM ☐	TEM ☐
31	Tile		PLM ☐	TEM ☐
32	↓		PLM ☐	TEM ☐
33	↓		PLM ☐	TEM ☐
34	Tile		PLM ☐	TEM ☐
35	↓		PLM ☐	TEM ☐
36	↓		PLM ☐	TEM ☐
37	Linoleum		PLM ☐	TEM ☐
38	↓		PLM ☐	TEM ☐
39	↓		PLM ☐	TEM ☐
40	Linoleum		PLM ☐	TEM ☐
41	↓		PLM ☐	TEM ☐
42	↓		PLM ☐	TEM ☐
43	Linoleum		PLM ☐	TEM ☐
44	↓		PLM ☐	TEM ☐
45	↓		PLM ☐	TEM ☐
46	Plaster		PLM ☐	TEM ☐
47	↓		PLM ☐	TEM ☐
48	↓		PLM ☐	TEM ☐
49	↓		PLM ☐	TEM ☐
50	↓		PLM ☐	TEM ☐
51	Linoleum		PLM ☐	TEM ☐
52	↓		PLM ☐	TEM ☐
53	↓		PLM ☐	TEM ☐
54	Insulation		PLM ☐	TEM ☐
55	↓		PLM ☐	TEM ☐
56	↓		PLM ☐	TEM ☐

A1811510

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SAMPLING FORM

COMPANY CONTACT INFORMATION			
Company:	KPH Environmental Corp.	Job Contact:	Dean Jacobsen
Project Name:	Kenosha		
Project ID #:	18-400-001.1714	Tel:	(414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST			
57	Flue Pack		PLM	X	TEM	
58	↓		PLM	↓	TEM	
59	↓		PLM	↓	TEM	
			PLM		TEM	
			PLM		TEM	
			PLM		TEM	
			PLM		TEM	
			PLM		TEM	
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			PLM		TEM	
			PLM		TEM	
			PLM		TEM	

Version: CCOC.01.18.2/2.LD

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ASBESTOS ANALYTICAL REPORT
By: Polarized Light Microscopy

Prepared for

KPH Environmental Corp

CLIENT PROJECT: Kenosha; 18-400-001.1714

LAB CODE: A1811510A

TEST METHOD: PLM Gravimetric Point Count
EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORT DATE: 10/08/18

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

Lab Code: A1811510A
Date Received: 10-03-18
Date Analyzed: 10-08-18
Date Reported: 10-08-18

Project: Kenosha; 18-400-001.1714

ASBESTOS GRAVIMETRIC POINT COUNT PLM, EPA 600 METHOD

Client ID Lab ID	Material Description	Sample Weight (g)	Organic Material (%)	Acid Soluble Material (%)	Acid Insoluble Material (%)	ASBESTOS %	
01 A122699	Glazing	0.496	12	72	15	**0.9%**	**Chrysotile**
19 A122717	Caulking	0.093	24	71	5.2	**0.22%**	**Chrysotile**

LEGEND: None

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

REPORTING LIMIT: Varies with the weight and constituents of the sample (<0.25%)

REGULATORY LIMIT: >1% by weight

This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins CEI. Eurofins CEI makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. Samples were received in acceptable condition unless otherwise noted. *Estimated measurement of uncertainty is available on request.* This report may not be used by the client to claim product endorsement bv NVLAP or any other agency of the U.S. Government.

ANALYST: Danielle Carrier

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

NVLAP TESTING
NVLAP LAB CODE 101768-0

DC

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CHAIN OF CUSTODY

730 SE Maynard Road, Cary, NC 27511
Tel: 866-481-1412; Fax: 919-481-1442

LAB USE ONLY:
CEI Lab Code:
CEI Lab I.D. Range:

COMPANY INFORMATION	**PROJECT INFORMATION**
CEI CLIENT #:	Job Contact: Dean Jacobsen
Company: KPH Environmental Corp.	Email / Tel: (414) 647-1530
Address: 1237 W. Bruce St.	Project Name: Kenosha
Milwaukee, WI 53204	Project ID#: 18-400-001.1714
Email: dean.jacobsen@kphenvironmental.com	PO #:
Tel: (414) 647-1530 Fax: (414) 647-1540	**STATE SAMPLES COLLECTED IN:**

IF TAT IS NOT MARKED STANDARD 3 DAY TAT APPLIES.

ASBESTOS	METHOD	TURN AROUND TIME					
		4 HR	8 HR	1 DAY	2 DAY	3 DAY	5 DAY
PLM BULK	EPA 600	☐	☐	☐	☐	☐	☐
PLM POINT COUNT (400)	EPA 600	☐	☐	☐	☐	☐	☐
PLM POINT COUNT (1000)	EPA 600	☐	☐	☐	☐	☐	☐
PLM GRAV w POINT COUNT	EPA 600		☐	☐	☐	☒	☐
PLM BULK	CARB 435		☐	☐	☐	☐	☐
PCM AIR	NIOSH 7400	☐	☐	☐	☐	☐	☐
TEM AIR	EPA AHERA	☐	☐	☐	☐	☐	☐
TEM AIR	NIOSH 7402	☐	☐	☐	☐	☐	☐
TEM AIR (PCME)	ISO 10312	☐	☐	☐	☐	☐	☐
TEM AIR	ASTM 6281-15	☐	☐	☐	☐	☐	☐
TEM BULK	CHATFIELD		☐	☐	☐	☐	☐
TEM DUST WIPE	ASTM D6480-05 (2010)	☐	☐	☐	☐	☐	☐
TEM DUST MICROVAC	ASTM D5755-09 (2014)	☐	☐	☐	☐	☐	☐
TEM SOIL	ASTM D7521-16			☐	☐	☐	☐
TEM VERMICULITE	CINCINNATI METHOD			☐	☐	☐	☐
TEM QUALITTATIVE	IN-HOUSE METHOD		☐	☐	☐	☐	☐
OTHER:		☐	☐	☐	☐	☐	☐

REMARKS / SPECIAL INSTRUCTIONS:

Lab Code A811510

☐ Accept Samples

☐ Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	10/3/18 815	KDH	10/3 9:20

Samples will be disposed of 30 days after analysis

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SAMPLING FORM

COMPANY CONTACT INFORMATION			
Company:	KPH Environmental Corp.	Job Contact:	Dean Jacobsen
Project Name:	Kenosha		
Project ID #:	18-400-001.1714	Tel:	(414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
01	Glazing		PLM ☒	TEM ☐
19	Caulking		PLM ☒	TEM ☐
			PLM ☐	TEM ☐
			PLM ☐	TEM ☐
			PLM ☐	TEM ☐
			PLM ☐	TEM ☐
			PLM ☐	TEM ☐
			PLM ☐	TEM ☐
			PLM ☐	TEM ☐
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			PLM ☐	TEM ☐

B. PAINT LABORATORY RESULTS

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Eurofins CEI
730 SE Maynard Road, Cary, NC 27511
Phone: (919) 481-1413 Fax: (919) 481-1442

LABORATORY REPORT
LEAD IN PAINT

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

Lab Code: C180773
Received: 09-27-18
Analyzed: 10-02-18
Reported: 10-02-18

Project: Kenosha; 18-400-001.1714

ANALYSIS METHOD: EPA SW846 7000B

CLIENT ID	LAB ID	PPM (µg/g)	CONCENTRATION % BY WEIGHT
P01	CA66498	160	**0.016**
P02	CA66499	340	**0.034**
P03	CA66500	<46	**<0.0046**

Reviewed By:

Tianbao Bai, Ph.D.
Laboratory Director

This method has been validated for sample weights of 0.020g or greater. When samples with a weight of less than that are analyzed those results fall outside of the scope of accreditations.
*** The analysis of composite wipe samples as a single samples is not included under AIHA accreditation.**

Minimum reporting limit is 10 µg total lead. Sample results denoted with a “less than” (<) sign contain less than 10.0 µg total lead, based on a 40ml sample volume.

Lead samples are not analyzed by Eurofins CEI Lead samples are submitted to an AIHA ELLAP accredited laboratory for lead analysis of soil, dust, paint, and TCLP samples.
Laboratory results represent the analysis of samples as submitted by the client. Information regarding sample location, description, area, volume, etc., was provided by the client. Unless notified in writing to return samples, Eurofins CEI discards client samples after 30 days. This report shall not be reproduced, except in full, without the written consent of Eurofins CEI.

REGULATORY LIMITS
OSHA Standard: No safe limit.
Consumer Products Safety Standard: Greater than 0.009% lead by weight.
Federal Lead Standard / HUD: 0.5% lead by weight.

LEGEND
µg = microgram
ml = milliliter
ppm = parts per million
Pb = lead
g = grams
wt = weight

End of Report

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CHAIN OF CUSTODY

730 SE Maynard Road, Cary, NC 27511
Tel: 866-481-1412; Fax: 919-481-1442

LAB USE ONLY:	
CEI Lab Code:	C180773 (3)
CEI Lab I.D. Range:	CA66498 - CA66500

COMPANY INFORMATION		PROJECT INFORMATION	
CEI CLIENT #:		Job Contact:	Dean Jacobsen
Company:	KPH Environmental Corp.	Email / Tel:	(414) 647-1530
Address:	1237 W. Bruce St.	Project Name:	Kenosha
	Milwaukee, WI 53204	Project ID#	18-400-001.1714
Email:	dean.jacobsen@kphenvironmental.com	PO #:	
Tel:	(414) 647-1530 Fax: (414) 647-1540	STATE SAMPLES COLLECTED IN:	

IF TAT IS NOT MARKED STANDARD 3 DAY TAT APPLIES.

Analyte	METHOD	TURN AROUND TIME					
		4 HR**	8 HR**	1 DAY**	2 DAY	3 DAY	5 DAY
LEAD PAINT	EPA SW846 7000B				☐	☒	☐
LEAD WIPE	EPA SW846 7000B				☐	☐	☐
LEAD SOIL	EPA SW846 7000B				☐	☐	☐
LEAD AIR	EPA SW846 7000B				☐	☐	☐
LEAD TCLP	EPA SW846 7000B				☐	☐	☐
RCRA 8 METALS	EPA SW846 7000B				☐	☐	☐
RCRA 8 TCLP	EPA SW846 7000B				☐	☐	☐
OTHER:					☐	☐	☐

TAT IS NOT AVAILABLE. LEAD SAMPLES ARE SUBCONTRACTED FOR ANALYSIS TO AN ELLAP ACCREDITED LAB.

REMARKS:

☑ Accept Samples
☐ Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	9/26/18 1700	MLS	9/27/18 9:46

Samples will be disposed of 30 days after analysis

C180773

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SAMPLING FORM

COMPANY CONTACT INFORMATION			
Company:	KPH Environmental Corp.	Job Contact:	Dean Jacobsen
Project Name:	Kenosha		
Project ID #:	18-400-001:1714	Tel:	(414) 647-1530

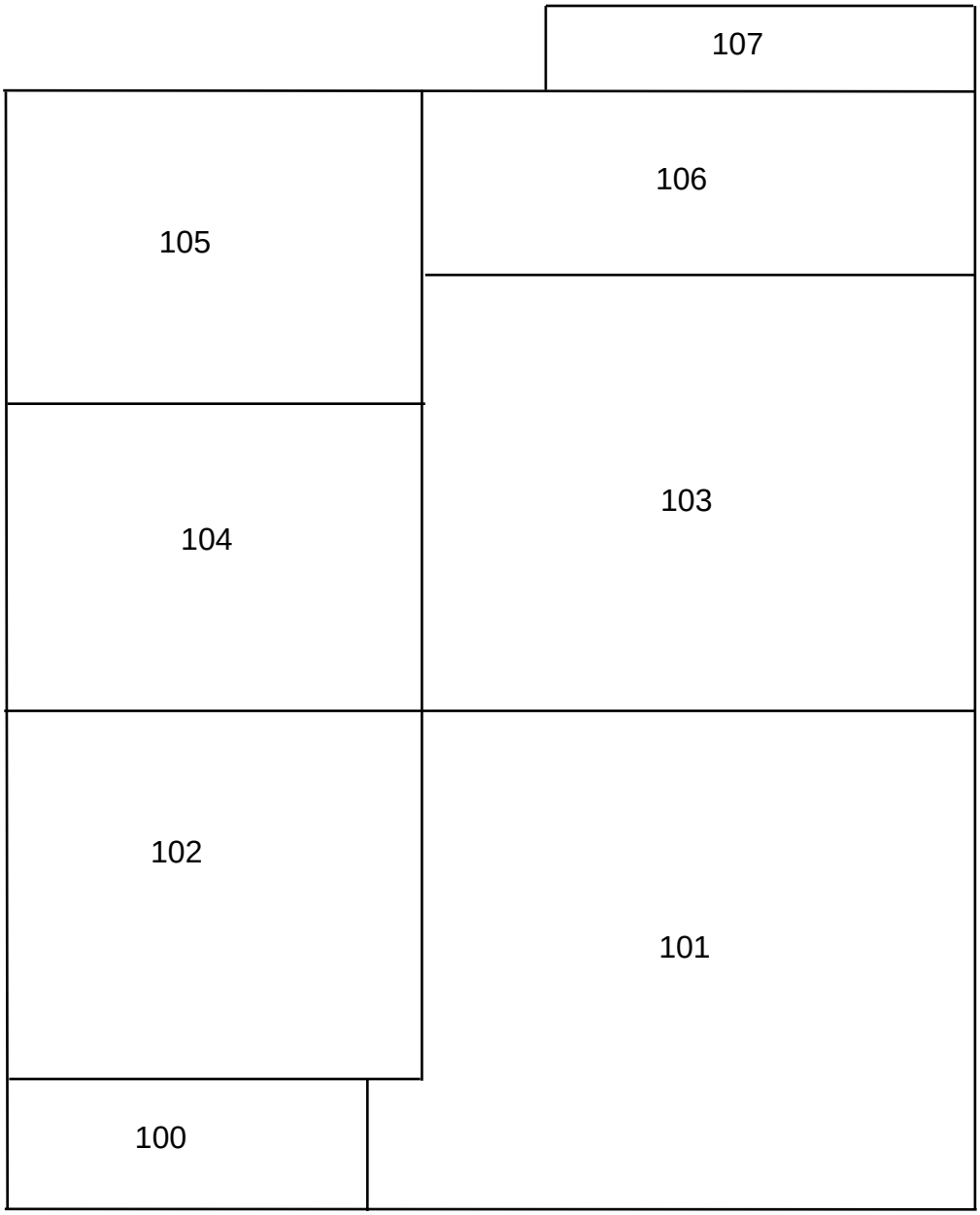
SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/AREA	COMMENTS
P01			
P02			
P03			

C. FLOOR PLANS

Two Family Dwelling
1714 50th Street
Kenosha, Wisconsin

N

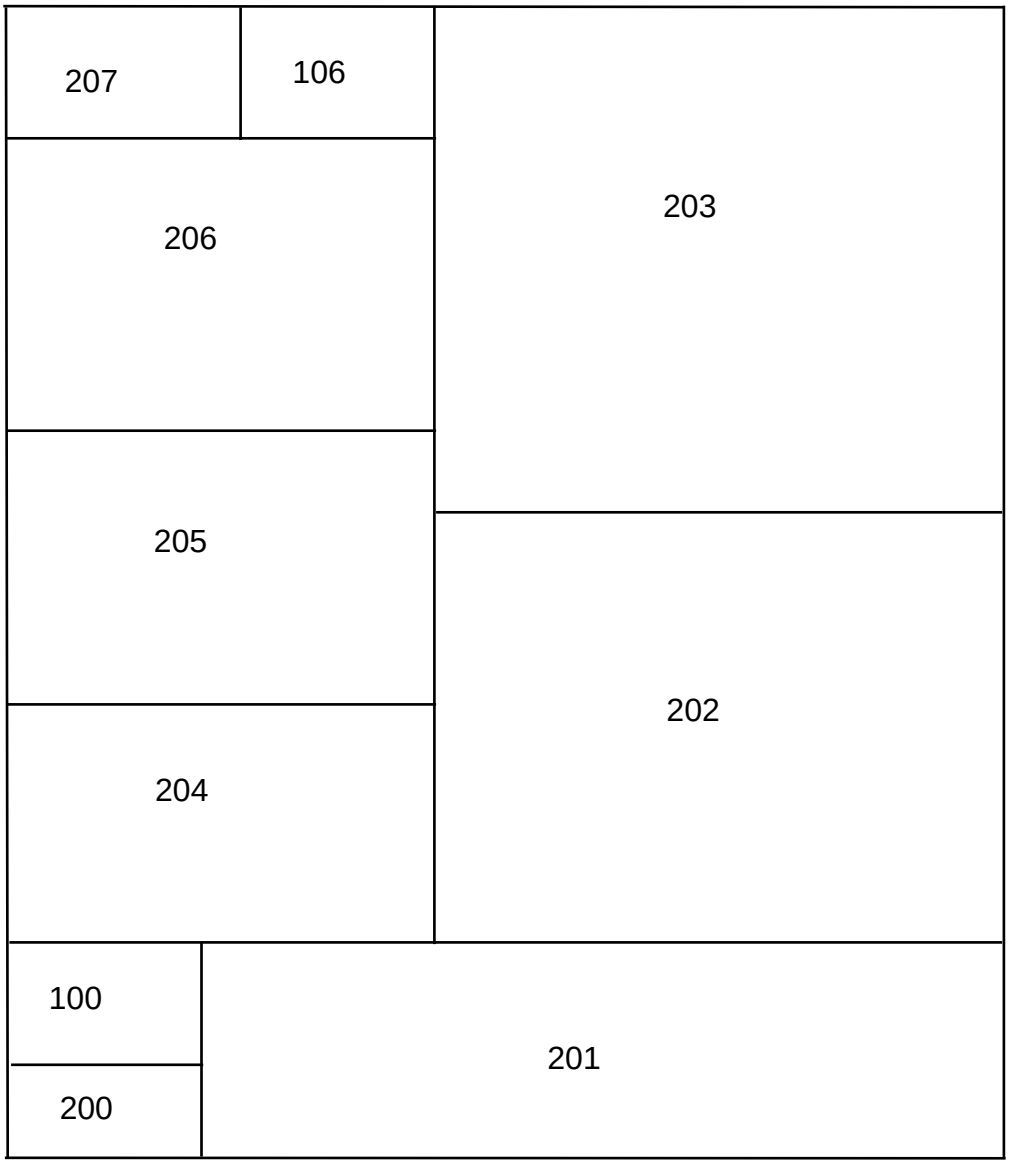
1st Floor Plan



Two Family Dwelling
1714 50th Street
Kenosha, Wisconsin

N

2nd Foor 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 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

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

February 1, 2018

DAMIAN SCOTT ROGOWSKI
1237 W BRUCE ST
MILWAUKEE WI 53204-1218

ID# AII-161300

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

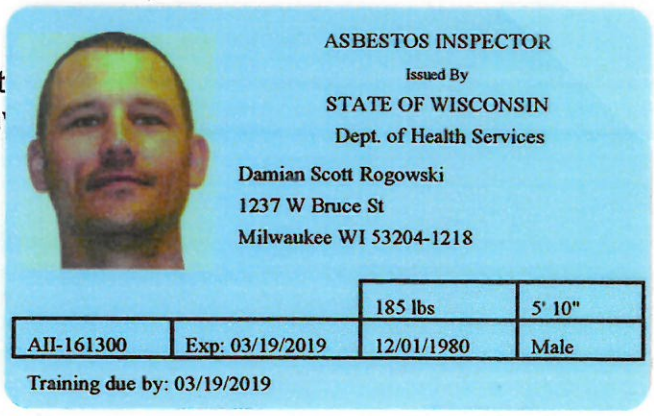
Follow Wisconsin law by making sure that you:

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 prot
professional responsibility. Contact us if you ha
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

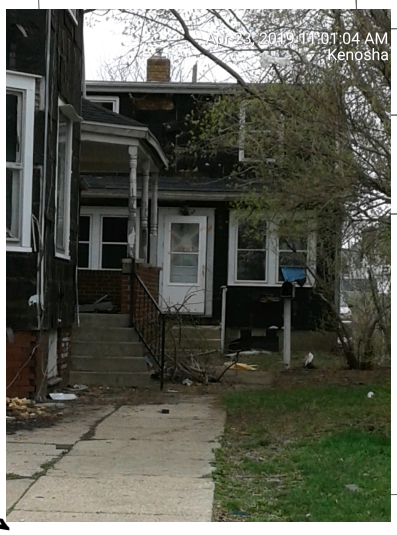
City of Kenosha

General Location Map

18TH AVE

50TH ST

17TH



Subject Property: 12-223-31-204-028
1712-14 50th Street

0 100
Feet

DCDI ~ Community Development Division ~ JBL ~ ZK ~ April 23, 2019 ~ mc

PRE-DEMOLITION INSPECTION REPORT
Job Site:

One Family Dwelling
6028 15th Avenue
Kenosha, Wisconsin

For:

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

KPH Project # 19-400-029.6028

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

KPH Environmental
1237 West Bruce Street
Milwaukee, Wisconsin 53204

April 2019

TABLE OF CONTENTS

Pre-Demolition Inspection Report
6028 15th Avenue
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 one family dwelling at 6028 15th Avenue, Kenosha, Wisconsin, prior to demolition. KPH conducted a visual inspection for asbestos, potential lead painted recyclable surfaces, and universal wastes. KPH collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above the regulatory level of 1% in duct wrap and window glazing compound. It was detected at less than 1% in kitchen floor tile as verified by point counting. It was not detected in any other material that was sampled.

Under state and federal laws the duct wrap and window glazing compound likely have to be abated prior to demolition. The kitchen floor tile is not an asbestos containing material and may remain on the building during demolition. Asbestos containing materials were assumed to be in the inaccessible roof flashing and electrical boxes and may also have to be abated prior to demolition. Other materials tested during the inspection do not contain asbestos. Results are in Section II of this report.

Paint sample testing revealed that lead was detected in exterior samples. Lead based paint was not detected.

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-demolition inspection of the one family dwelling at 6028 15th Avenue, Kenosha, Wisconsin, for the following:

- Suspect asbestos containing materials
- Suspect lead painted surfaces that could be recycled, such as brick, concrete block, concrete, and metal
- 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 6028 15th Avenue, Kenosha, Wisconsin, was conducted on March 22 and April 1, 2019, to cover the items listed above. The inspection was conducted by Damian Rogowski, Wisconsin Asbestos Inspector License No. 161300. 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 on the plumbing system and plaster walls and ceilings, sampling and documentation of any of these suspect materials, and quantification of observable and accessible positive materials existing within the spaces inspected that are planned for renovation.

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

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

B. List of Suspect Asbestos Containing Materials

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

- Asphalt roofing
- Asphalt shingle siding
- Tar paper
- Window glazing compound
- Plaster
- Drywall/joint compound
- Duct wrap
- Linoleum
- Texture
- Floor tile
- Ceiling tile
- Brick/mortar
- Stair tread
- Blown in insulation

- Roof flashing
- Miscellaneous 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
1	Exterior – house – northwest roof – black asphalt shingle	Negative	MRSk
2	Exterior – house – south roof – black asphalt shingle	Negative	MRSk
3	Exterior – garage – northeast roof – black asphalt shingle	Negative	MRSk
4a	Exterior – north wall under vinyl siding – red asphalt shingle siding	Negative	MSSr
4b	Exterior – north wall under red asphalt shingle siding – fiber layer	Negative	MSSr
5a	Exterior – west wall under vinyl siding – red asphalt shingle siding	Negative	MSSr
5b	Exterior – west wall under red asphalt shingle siding – fiber layer	Negative	MSSr
6a	Exterior – south wall under vinyl siding – red asphalt shingle siding	Negative	MSSr
6b	Exterior – south wall under red asphalt shingle siding – fiber layer	Negative	MSSr
7	Exterior – north wall under wood siding – tar paper	Negative	MPT

Sample #	Location and Description	Results	Homogeneous Code
8	Exterior – west wall under wood siding – tar paper	Negative	MPT
9	Exterior – south wall under wood siding – tar paper	Negative	MPT
10	Exterior – on north window – glazing compound	Negative	MPG
11	**Exterior – on south window – glazing compound**	**Positive 4% Chrysotile**	**MPG**
12	Not Analyzed Due to Prior Positive Sample	N/A	MPG
13	1st floor – family room – north wall – plaster	Negative	SPl
14	1st floor – kitchen – east wall – plaster	Negative	SPl
15a	2nd floor – bathroom – north wall – plaster	Negative	SPl
15b	2nd floor – bathroom – north wall – joint compound layer	Negative	SPl
16	2nd floor – middle bedroom – ceiling – plaster	Negative	SPl
17	2nd floor – west bedroom – east wall – plaster	Negative	SPl
18	1st floor – family room – ceiling – drywall	Negative	MDW
19	2nd floor – bathroom – north wall – drywall	Negative	MDW
20	2nd floor – west bedroom – west wall – drywall	Negative	MDW
21	**1st floor – family room – on northwest wall duct – duct wrap**	**Positive 50% Chrysotile**	**TDW**
22	Not Analyzed Due to Prior Positive Sample	N/A	TDW
23	Not Analyzed Due to Prior Positive Sample	N/A	TDW
24	1st floor – family room – on north wall under wood panel – brown mastic	Negative	MPMn
25	1st floor – dining room – on east wall under wood panel – brown mastic	Negative	MPMn
26	1st floor – northwest bedroom – on south wall under wood panel – brown mastic	Negative	MPMn
27	1st floor – dining room – east side top layer – tan/brown/ beige linoleum	Negative	MFLtne
27A	1st floor – dining room – west side top layer – tan/brown/ beige linoleum	Negative	MFLtne
27B	1st floor – dining room – south side top layer – tan/brown/ beige linoleum	Negative	MFLtne
28	1st floor – dining room – east side 2nd layer – tan and brown linoleum	Negative	MFLtn
28A	1st floor – dining room – west side 2nd layer – tan and brown linoleum	Negative	MFLtn
28B	1st floor – dining room – south side 2nd layer – tan and brown linoleum	Negative	MFLtn
29	1st floor – dining room – east side 3rd layer – green linoleum	Negative	MFLg
29A	1st floor – dining room – west side 3rd layer – green linoleum	Negative	MFLg
29B	1st floor – dining room – south side 3rd layer – green linoleum	Negative	MFLg
30	1st floor – dining room – east side 4th layer – tan/brown/ orange linoleum	Negative	MFLtno
30A	1st floor – dining room – west side 4th layer – tan/brown/ orange linoleum	Negative	MFLtno
30B	1st floor – dining room – south side 4th layer – tan/brown/ orange linoleum	Negative	MFLtno
31	1st floor – dining room – on ceiling north side – texture	Negative	STX
32	1st floor – dining room – on ceiling east side – texture	Negative	STX

Sample #	Location and Description	Results	Homogeneous Code
33	1st floor – dining room – on ceiling south side – texture	Negative	STX
34a	1st floor – kitchen – east side top layer – 12" tan floor tile	Trace <1% Chrysotile	MF12t
34a	Point Count Result	Trace 0.25% Chrysotile	MF12t
34b	1st floor – kitchen – east side top layer – under 12" tan floor tile – yellow mastic	Negative	MF12t
34Aa	1st floor – kitchen – west side top layer – 12" tan floor tile	Trace <1% Chrysotile	MF12t
34Aa	Point Count Result	Trace 0.25% Chrysotile	MF12t
34Ab	1st floor – kitchen – west side top layer – under 12" tan floor tile – yellow mastic	Negative	MF12t
34Ba	1st floor – kitchen – center top layer – 12" tan floor tile	Positive 2% Chrysotile	MF12t
34Ba	Point Count Result	Trace 0.5% Chrysotile	MF12t
34Bb	1st floor – kitchen – center top layer – under 12" tan floor tile – yellow mastic	Negative	MF12t
35a	1st floor – kitchen – east side 2nd layer – tan linoleum	Negative	MFLt
35b	1st floor – kitchen – east side 2nd layer – under tan linoleum – black mastic	Negative	MFLt
35Aa	1st floor – kitchen – west side 2nd layer – tan linoleum	Negative	MFLt
35Ab	1st floor – kitchen – west side 2nd layer – under tan linoleum – black mastic	Negative	MFLt
35Ba	1st floor – kitchen – center 2nd layer – tan linoleum	Negative	MFLt
35Bb	1st floor – kitchen – center 2nd layer – under tan linoleum – black mastic	Negative	MFLt
36	1st floor – kitchen – center – 2' x 4' ceiling tile	Negative	MSCT24
36A	1st floor – kitchen – south side – 2' x 4' ceiling tile	Negative	MSCT24
36B	1st floor – kitchen – north side – 2' x 4' ceiling tile	Negative	MSCT24
37	Basement – north wall – brick	Negative	MBR
38	Basement – south wall – brick	Negative	MBR
39	Basement – east wall – brick	Negative	MBR
40a	2nd floor – stair – on steps – black stair tread	Negative	MSTk
40b	2nd floor – stair – on steps – under black stair tread – brown mastic	Negative	MSTk
40Aa	2nd floor – stair – on steps – black stair tread	Negative	MSTk
40Ab	2nd floor – stair – on steps – under black stair tread – brown mastic	Negative	MSTk
40Ba	2nd floor – stair – on steps – black stair tread	Negative	MSTk
40Bb	2nd floor – stair – on steps – under black stair tread – brown mastic	Negative	MSTk
41	2nd floor – hall – west side – tan/brown/gray linoleum	Negative	MFLtny
41A	2nd floor – hall – west side – tan/brown/gray linoleum	Negative	MFLtny
41B	2nd floor – bathroom – tan/brown/gray linoleum	Negative	MFLtny
42a	2nd floor – bathroom – on east wall – yellow linoleum	Negative	MFLl
42b	2nd floor – bathroom – on east wall – under yellow linoleum – brown mastic	Negative	MFLl
42Aa	2nd floor – bathroom – on west wall – yellow linoleum	Negative	MFLl

Sample #	Location and Description	Results	Homogeneous Code
42Ab	2nd floor – bathroom – on west wall – under yellow linoleum – brown mastic	Negative	MFLl
42Ba	2nd floor – bathroom – on west wall – yellow linoleum	Negative	MFLl
42Bb	2nd floor – bathroom – on west wall – under yellow linoleum – brown mastic	Negative	MFLl
43	2nd floor – west bedroom – at door – white/gray/red linoleum	Negative	MFLwyr
43A	2nd floor – west bedroom – north side – white/gray/red linoleum	Negative	MFLwyr
43B	2nd floor – west bedroom – west side – white/gray/red linoleum	Negative	MFLwyr
44	Attic – north side on floor – blown in insulation	Negative	MBI
45	Attic – east side on floor – blown in insulation	Negative	MBI
46	Attic – south side on floor – blown in insulation	Negative	MBI

Homogeneous Material Codes

SPl	Plaster
STX	Texture
MRSk	Black Asphalt Shingle
MSSr	Red Asphalt Shingle Siding
MPT	Tar Paper Exterior
MPG	Glazing Compound
MDW	Drywall/Joint Compound
MPMn	Brown Wall Panel Mastic
MFLtne	Tan/Brown/Beige Linoleum
MFLtn	Tan & Brown Linoleum
MFLg	Green Linoleum
MFLtno	Tan/Brown/Orange Linoleum
MFLt	Tan Linoleum
MFLtny	Tan/Brown/Gray Linoleum
MFLl	Yellow Linoleum
MFLwyr	White/Gray/Red Linoleum
MF12t	12” Tan Floor Tile
MSCT24	2’ x 4’ Ceiling Tile
MBR	Brick
MSTk	Black Stair Tread
MBI	Blown in Insulation
TDW	Duct Wrap

E. Asbestos Locations and Quantities

Two (2) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM).

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Window Glazing Compound	MPG	Windows on All Floors	20 Windows	Good
Duct Wrap	TDW	Behind 1st Floor Wall Grills, Ducts in 1st Floor Walls, Basement on Ducts	90 SF	Poor

One (1) of the materials sampled contains less than 1% asbestos.

Material	Homogeneous Code	Location	Approximate Quantity	Condition
12" Tan Floor Tile	MF12t	Kitchen Top Layer	130 SF	Good

Assumed Asbestos Containing Materials

Material	Location	Approximate Quantity	Condition
Electrical Panels – Suspect Transite	House Exterior & Basement Electrical Boxes	2 Boxes	Good
Roof Flashing	Roof	3 SF	Good

The duct wrap is a friable asbestos containing material. It meets the definition of a regulated asbestos containing material (RACM) under NR 447 of the Wisconsin Administrative Code.

The window glazing compound and suspect transite in electrical panels are category II non-friable asbestos containing materials. If they become crumbled, pulverized or reduced to powder during demolition they will become RACM as defined under NR 447.

The roof flashing is a category I non-friable asbestos containing material. It was in non-friable condition at the time of the inspection. If this material is subjected to sanding, grinding, cutting or abrading during demolition, it would be then be defined as RACM under NR 447. If the category I non-friable asbestos containing materials do not become RACM during demolition, under NR 447 they may remain on the building and be disposed at a Wisconsin licensed landfill with the other demolition debris.

The 12" tan floor tile contains less than 1% asbestos as verified by the point count method and by definition in NR 447 is not an ACM and does not require abatement prior to demoltion.

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. 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.

DHS 159.06 of the Wisconsin Administrative Code states that the demolition machine operator does require asbestos certification where an individual operates a motorized vehicle to demolish or remove a facility when asbestos containing material is allowed to remain under s. NR 447.08 (remaining materials are not RACM).

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

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

III. LEAD PAINT INSPECTION

A. Methods

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. 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 2017).

The inspection at the one family dwelling at 6028 15th Avenue, Kenosha, Wisconsin, took place on March 22, 2019. A room by room inspection was conducted of metal, block, brick, or concrete locations scheduled for demolition, noting the location, substrate, and color of these painted surfaces.

The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

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 in paint. Reference Paint Test Results below.

Interior: Dwelling at 6028 15th Avenue, Kenosha, Wisconsin

- Painted metal, block, brick, or concrete were not observed on the interior.

Exterior: Dwelling at 6028 15th Avenue, Kenosha, Wisconsin

- Painted brick was observed in basement level walls. Lead was detected but below the 0.5% lead based paint standard in Ch. 254.

The following are the laboratory results.

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P01	Exterior	Northwest Wall	Brick	Red	0.0329
P02	Exterior	Northwest Wall	Brick	Gray	0.0495

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 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:

- 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.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, 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 Department (DNR Form 4400-274).

IV. 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
Paint	Pantry, Basement	6 Gallons
Refrigerator-CFC	Kitchen	1
Window Air Conditioner-CFC	2nd Floor Hall	1

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

V. EXCLUSIONS

Basement was full of garbage and only partially accessible. 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 demolition contractor.

A limited lead inspection was conducted. The results are representative only of the specific locations that were inspected on the building. This report represents the condition of the building and the visible/accessible locations at the date and the time of the onsite inspection.

VI. 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

Attn:

Order #: 308376

Received 04/02/19
Analyzed 04/08/19
Reported 04/09/19

Project:
Location: Wisconsin
Number: 19-400-029.6028

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
308376-001	04/01/19	1	Wisconsin		
Layer 1: Roofing Gray/Black, Granular/Bituminous				None Detected	15% CELLULOSE FIBER 85% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308376-002	04/01/19	2	Wisconsin		
Layer 1: Roofing Gray/Black, Granular/Bituminous				None Detected	15% CELLULOSE FIBER 85% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308376-003	04/01/19	3	Wisconsin		
Layer 1: Roofing Gray/Black, Granular/Bituminous				None Detected	15% CELLULOSE FIBER 85% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308376-004	04/01/19	4	Wisconsin		
Layer 1: Siding Multi-Colored, Granular/Bituminous				None Detected	20% CELLULOSE FIBER 80% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Fibrous Material Tan, Fibrous				None Detected	30% CELLULOSE FIBER 70% NON FIBROUS MATERIAL
308376-005	04/01/19	5	Wisconsin		
Layer 1: Siding Multi-Colored, Granular/Bituminous				None Detected	20% CELLULOSE FIBER 80% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Fibrous Material Tan, Fibrous				None Detected	30% CELLULOSE FIBER 70% 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: 19-400-029.6028

Method: EPA 600/R-93/116 & 600/M4-82-020 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
308376-006	04/01/19	6	Wisconsin		
Layer 1: Siding Multi-Colored, Granular/Bituminous				None Detected	20% CELLULOSE FIBER 80% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Fibrous Material Tan, Fibrous				None Detected	30% CELLULOSE FIBER 70% NON FIBROUS MATERIAL
308376-007	04/01/19	7	Wisconsin		
Layer 1: Tar Paper Multi-Colored, Fibrous				None Detected	60% CELLULOSE FIBER 40% NON FIBROUS MATERIAL
308376-008	04/01/19	8	Wisconsin		
Layer 1: Tar Paper Multi-Colored, Fibrous				None Detected	60% CELLULOSE FIBER 40% NON FIBROUS MATERIAL
308376-009	04/01/19	9	Wisconsin		
Layer 1: Tar Paper Multi-Colored, Fibrous				None Detected	60% CELLULOSE FIBER 40% NON FIBROUS MATERIAL
308376-010	04/01/19	10	Wisconsin		
Layer 1: Glazing Beige/White, Brittle				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
308376-011	04/01/19	11	Wisconsin		
Layer 1: Glazing Beige/Gray, Brittle				4% CHRYSOTILE	96% NON FIBROUS MATERIAL
308376-012	04/01/19	12	Wisconsin		
Layer 1: Glazing					
Not analyzed due to positive stop instructions.					
308376-013	04/01/19	13	Wisconsin		
Layer 1: Plaster Off White, Granular				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
308376-014	04/01/19	14	Wisconsin		
Layer 1: Plaster Beige, Granular				None Detected	2% CELLULOSE FIBER 98% 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: 19-400-029.6028

Method: EPA 600/R-93/116 & 600/M4-82-020 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
308376-015	04/01/19	15	Wisconsin		
Layer 1: Plaster White, Granular				None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
Layer 2: Textured Material White, Granular				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
308376-016	04/01/19	16	Wisconsin		
Layer 1: Plaster Off White, Granular				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
308376-017	04/01/19	17	Wisconsin		
Layer 1: Plaster Off White, Granular				None Detected	2% ANIMAL HAIR 98% NON FIBROUS MATERIAL
308376-018	04/01/19	18	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	10% CELLULOSE FIBER 90% NON FIBROUS MATERIAL
308376-019	04/01/19	19	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	10% CELLULOSE FIBER 90% NON FIBROUS MATERIAL
308376-020	04/01/19	20	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	10% CELLULOSE FIBER 90% NON FIBROUS MATERIAL
308376-021	04/01/19	21	Wisconsin		
Layer 1: Insulation Gray, Fibrous				50% CHRYSOTILE	20% CELLULOSE FIBER 30% NON FIBROUS MATERIAL
308376-022	04/01/19	22	Wisconsin		
Layer 1: Insulation					
Not analyzed due to positive stop instructions.					
308376-023	04/01/19	23	Wisconsin		
Layer 1: Insulation					
Not analyzed due to positive stop instructions.					
308376-024	04/01/19	24	Wisconsin		
Layer 1: Mastic Yellow, Soft				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL

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Project:
Location: Wisconsin
Number: 19-400-029.6028

Method: EPA 600/R-93/116 & 600/M4-82-020 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
308376-025	04/01/19	25	Wisconsin		
Layer 1: Mastic Yellow, Soft				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
308376-026	04/01/19	26	Wisconsin		
Layer 1: Mastic Yellow, Soft				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
308376-027	04/01/19	27	Wisconsin		
Layer 1: Linoleum Tan/Beige, Org.Bound/Fibrous				None Detected	30% CELLULOSE FIBER 70% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308376-028	04/01/19	27A	Wisconsin		
Layer 1: Linoleum Tan/Beige, Org.Bound/Fibrous				None Detected	30% CELLULOSE FIBER 70% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308376-029	04/01/19	27B	Wisconsin		
Layer 1: Linoleum Tan/Beige, Org.Bound/Fibrous				None Detected	30% CELLULOSE FIBER 70% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308376-030	04/01/19	28	Wisconsin		
Layer 1: Linoleum Tan/Brown, Org.Bound/Fibrous				None Detected	30% CELLULOSE FIBER 70% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308376-031	04/01/19	28A	Wisconsin		
Layer 1: Linoleum Tan/Brown, Org.Bound/Fibrous				None Detected	30% CELLULOSE FIBER 70% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308376-032	04/01/19	28B	Wisconsin		
Layer 1: Linoleum Tan/Brown, Org.Bound/Fibrous				None Detected	30% CELLULOSE FIBER 70% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308376-033	04/01/19	29	Wisconsin		
Layer 1: Linoleum Green, Org.Bound/Fibrous				None Detected	30% CELLULOSE FIBER 70% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					

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: 19-400-029.6028

Method: EPA 600/R-93/116 & 600/M4-82-020 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
308376-034	04/01/19	29A	Wisconsin		
Layer 1: Linoleum Green, Org.Bound/Fibrous				None Detected	30% CELLULOSE FIBER 70% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308376-035	04/01/19	29B	Wisconsin		
Layer 1: Linoleum Green, Org.Bound/Fibrous				None Detected	30% CELLULOSE FIBER 70% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308376-036	04/01/19	30	Wisconsin		
Layer 1: Linoleum Tan/Orange, Org.Bound/Fibrous				None Detected	30% CELLULOSE FIBER 70% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308376-037	04/01/19	30A	Wisconsin		
Layer 1: Linoleum Tan/Orange, Org.Bound/Fibrous				None Detected	30% CELLULOSE FIBER 70% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308376-038	04/01/19	30B	Wisconsin		
Layer 1: Linoleum Tan/Orange, Org.Bound/Fibrous				None Detected	30% CELLULOSE FIBER 70% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308376-039	04/01/19	31	Wisconsin		
Layer 1: Texture White, Granular				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
308376-040	04/01/19	32	Wisconsin		
Layer 1: Texture White, Granular				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
308376-041	04/01/19	33	Wisconsin		
Layer 1: Texture White, Granular				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL

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Project:
Location: Wisconsin
Number: 19-400-029.6028

Method: EPA 600/R-93/116 & 600/M4-82-020 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
308376-042	04/01/19	34	Wisconsin		
Layer 1: Tile Tan, Organically Bound				<1% CHRYSOTILE	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
Layer 2: Mastic Yellow, Soft				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
308376-043	04/01/19	34A	Wisconsin		
Layer 1: Tile Tan, Organically Bound				<1% CHRYSOTILE	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
Layer 2: Mastic Yellow, Soft				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
308376-044	04/01/19	34B	Wisconsin		
Layer 1: Tile Tan, Organically Bound				2% CHRYSOTILE	2% CELLULOSE FIBER 96% NON FIBROUS MATERIAL
Layer 2: Mastic Yellow, Soft				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
308376-045	04/01/19	35	Wisconsin		
Layer 1: Linoleum Tan, Org.Bound/Fibrous				None Detected	30% CELLULOSE FIBER 70% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Black, Bituminous				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
308376-046	04/01/19	35A	Wisconsin		
Layer 1: Linoleum Tan, Org.Bound/Fibrous				None Detected	30% CELLULOSE FIBER 70% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Black, Bituminous				None Detected	2% CELLULOSE FIBER 98% 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: 19-400-029.6028

Method: EPA 600/R-93/116 & 600/M4-82-020 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
308376-047	04/01/19	35B	Wisconsin		
Layer 1: Linoleum Tan, Org.Bound/Fibrous				None Detected	30% CELLULOSE FIBER 70% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Black, Bituminous				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
308376-048	04/01/19	36	Wisconsin		
Layer 1: Ceiling Tile White/Beige, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
308376-049	04/01/19	36A	Wisconsin		
Layer 1: Ceiling Tile White/Beige, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
308376-050	04/01/19	36B	Wisconsin		
Layer 1: Ceiling Tile White/Beige, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
308376-051	04/01/19	37	Wisconsin		
Layer 1: Brick Tan/Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
308376-052	04/01/19	38	Wisconsin		
Layer 1: Brick Tan/Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
308376-053	04/01/19	39	Wisconsin		
Layer 1: Brick Tan/Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
308376-054	04/01/19	40	Wisconsin		
Layer 1: Tread Black, Fibrous				None Detected	30% CELLULOSE FIBER 70% NON FIBROUS MATERIAL
Layer 2: Soft Material Brown, Soft				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL

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Project:
Location: Wisconsin
Number: 19-400-029.6028

Method: EPA 600/R-93/116 & 600/M4-82-020 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
308376-055	04/01/19	40A	Wisconsin		
Layer 1: Tread Black, Fibrous				None Detected	30% CELLULOSE FIBER 70% NON FIBROUS MATERIAL
Layer 2: Soft Material Brown, Soft				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
308376-056	04/01/19	40B	Wisconsin		
Layer 1: Tread Black, Fibrous				None Detected	30% CELLULOSE FIBER 70% NON FIBROUS MATERIAL
Layer 2: Soft Material Brown, Soft				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
308376-057	04/01/19	41	Wisconsin		
Layer 1: Linoleum Tan/Gray, Organically Bound				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
308376-058	04/01/19	41A	Wisconsin		
Layer 1: Linoleum Tan/Gray, Organically Bound				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
308376-059	04/01/19	41B	Wisconsin		
Layer 1: Linoleum Tan/Gray, Organically Bound				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
308376-060	04/01/19	42	Wisconsin		
Layer 1: Linoleum Yellow, Org.Bound/Fibrous				None Detected	30% CELLULOSE FIBER 70% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Brown, Soft				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
308376-061	04/01/19	42A	Wisconsin		
Layer 1: Linoleum Yellow, Org.Bound/Fibrous				None Detected	30% CELLULOSE FIBER 70% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Brown, Soft				None Detected	2% CELLULOSE FIBER 98% 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: 19-400-029.6028

Method: EPA 600/R-93/116 & 600/M4-82-020 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
308376-062	04/01/19	42B	Wisconsin		
Layer 1: Linoleum Yellow, Org.Bound/Fibrous				None Detected	30% CELLULOSE FIBER 70% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
Layer 2: Mastic Brown, Soft				None Detected	2% CELLULOSE FIBER 98% NON FIBROUS MATERIAL
308376-063	04/01/19	43	Wisconsin		
Layer 1: Linoleum White/Red, Org.Bound/Fibrous				None Detected	30% CELLULOSE FIBER 70% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308376-064	04/01/19	43A	Wisconsin		
Layer 1: Linoleum White/Red, Org.Bound/Fibrous				None Detected	30% CELLULOSE FIBER 70% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308376-065	04/01/19	43B	Wisconsin		
Layer 1: Linoleum White/Red, Org.Bound/Fibrous				None Detected	30% CELLULOSE FIBER 70% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308376-066	04/01/19	44	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
308376-067	04/01/19	45	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
308376-068	04/01/19	46	Wisconsin		
Layer 1: Insulation Beige, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%
Total layers analyzed on order: 81

308376-04/09/19 09:59 AM

Dennis Cameron

Analyst **Dennis Cameron**

Reviewed By: **Hind Eldanaf**
Microscopy Supervisor

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.

SCHNEIDER LABORATORIES GLOBAL, INC.

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308376 X 68
V:\308\308376
fghraizi 4/2/2019 9:5 5:25 AM
UPS 1Z2E2899846 8941 72

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	19-400-029.6028				
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]
1	4/1/19		Roofing						
2	↓		↓						
3			↓						
4			Siding						
5			↓						
6			↓						
7			Tar Paper						
8			↓						
9			↓						
10	↓		Glazing						

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 4/1/19 1200

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

SCHNEIDER LABORATORIES GLOBAL, INC.
2512 West Cary Street, Richmond, Virginia 23220-5117
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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:** Test each homogeneous material until >1%			
Project Number	19-400-029.6028				
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]
11	4/1/19		Glazing						
12	↓		↓						
13			Plaster						
14			↓						
15									
16									
17			↓						
18			Drywall						
19			↓						
20	↓								

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 4/1/19 1700

! 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:** Test each homogeneous material until >1%			
Project Number	19-400-029.6028				
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]
21	4/1/19		Insulation						
22	↓		↓						
23			↓						
24			Mastic						
25			↓						
26			↓						
27			Linoleum Tan Beige						
27A			↓						
27B			↓						
28	↓		Linoleum Tan Brown						

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 4/1/19 1700

! 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:** Test each homogeneous material until >1%			
Project Number	19-400-029.6028				
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]
28A	4/1/19		Linoleum Tan Brown						
28B			↓						
29			Linoleum Green						
29A			↓						
29B			↓						
30			Linoleum Tan Orange						
30A			↓						
30B			↓						
31			Texture						
32	↓		↓						

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 4/1/19 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:** Test each homogeneous material until >1%			
Project Number	19-400-029.6028				
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]
33	4/1/19		Texture						
34			Tile Tan						
34A			↓						
34B			↓						
35			Linoleum Tan						
35A			↓						
35B			↓						
36			Tile Ceiling						
36A			↓						
36B	↓		↓						

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 4/1/19 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:** Test each homogeneous material until >1%			
Project Number	19-400-029.6028				
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]
37	4/1/19		Brick						
38	↓		↓						
39			↓						
40			Tread						
40A			↓						
40B			↓						
41			Linoleum Tan Gray						
41A			↓						
41B			↓						
42	↓		Linoleum Yellow						

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 4/1/19 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:** Test each homogeneous material until >1%			
Project Number	19-400-029.6028				
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]
42A	4/1/19		Linoleum Yellow						
42B	↓		↓						
43			Linoleum White Red						
43A			↓						
43B			↓						
44			Insulation						
45			↓						
46			↓						

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 4/1/19 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 #: 310174

Received 04/11/19
Analyzed 04/15/19
Reported 04/15/19

Attn:

Project:
Location: Wisconsin
Number: 19-400-029.6028

Method: EPA 600/R-93/116 & 600/M4-82-020 with Point Count

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
310174-001	04/01/19	34	Wisconsin		
Layer 1: Tile Tan, Organically Bound, Homogenous				0.25% CHRYSOTILE	99.75% NON FIBROUS MATERIAL
310174-002	04/01/19	34A	Wisconsin		
Layer 1: Tile Tan, Organically Bound, Homogenous				0.25% CHRYSOTILE	99.75% NON FIBROUS MATERIAL
310174-003	04/01/19	34B	Wisconsin		
Layer 1: Tile Tan, Organically Bound, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%
Total layers analyzed on order: 3

310174-04/15/19 05:08 PM

Analyst **Dennis Cameron**

Reviewed By: **Hind Eldanaf**
Microscopy Supervisor

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.

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

310174 X 3
V:\310\310174
vthrasher 4/11/2019 9:45:10 AM
UPS 1Z2E2899846289499

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 308376			
Project Number	19-400-029.6028				
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]
34	4/1/19		Tile						
34A	↓		↓						
34B	↓		↓						

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 4/10/19 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

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

B. PAINT 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: 19-400-029.6028

Order #: 308371

Matrix Paint
Received 04/02/19
Analyzed 04/02/19
Reported 04/03/19

PO Number:

Sample ID / Parameter	Cust. Sample ID	Location / Method	Sample Date	Weight / Total µg	% / Wt.	Conc.	RL*
308371-001	P01	Wall	04/01/19	344 mg			
Lead		EPA 7000B / 3050B		113 µg	0.0329 %	329 mg/kg	29.1 mg/kg
		Sample contains substrate which may affect the calculation of weight percent and mg/kg.					
308371-002	P02	Wall	04/01/19	294 mg			
Lead		EPA 7000B / 3050B		145 µg	0.0495 %	495 mg/kg	34.0 mg/kg

Analyst: JL
308371-04/03/19 11:30 AM

Reviewed By: **Monique Solomon**
Analyst

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. Concentration and *Reporting Limit (RL) based on weights provided by client. All internal QC parameters were met. Unusual sample conditions, if any, are described. 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).

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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

308371 O 2
V:\308\308371
fghraizi 4/2/2019 9:5 5:25 AM
UPS 1Z2E2899846 8941 72

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	19-400-029.6028				
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]
P01	4/1/19		Wall						
P02	↓		Wall						

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 4/1/19 1700

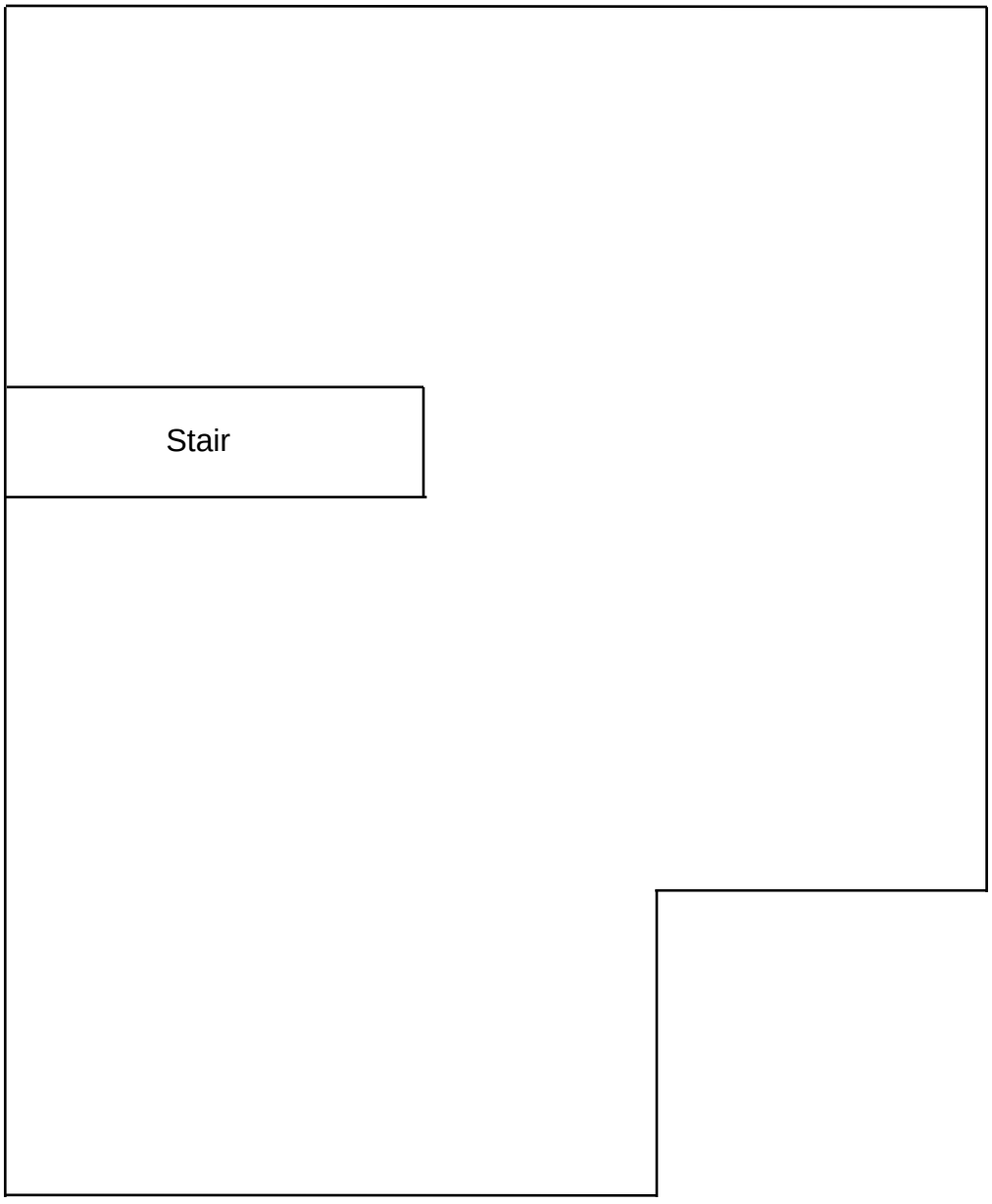
! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

C. FLOOR PLANS

One Family Dwelling
6028 50th Street
Kenosha, Wisconsin

N

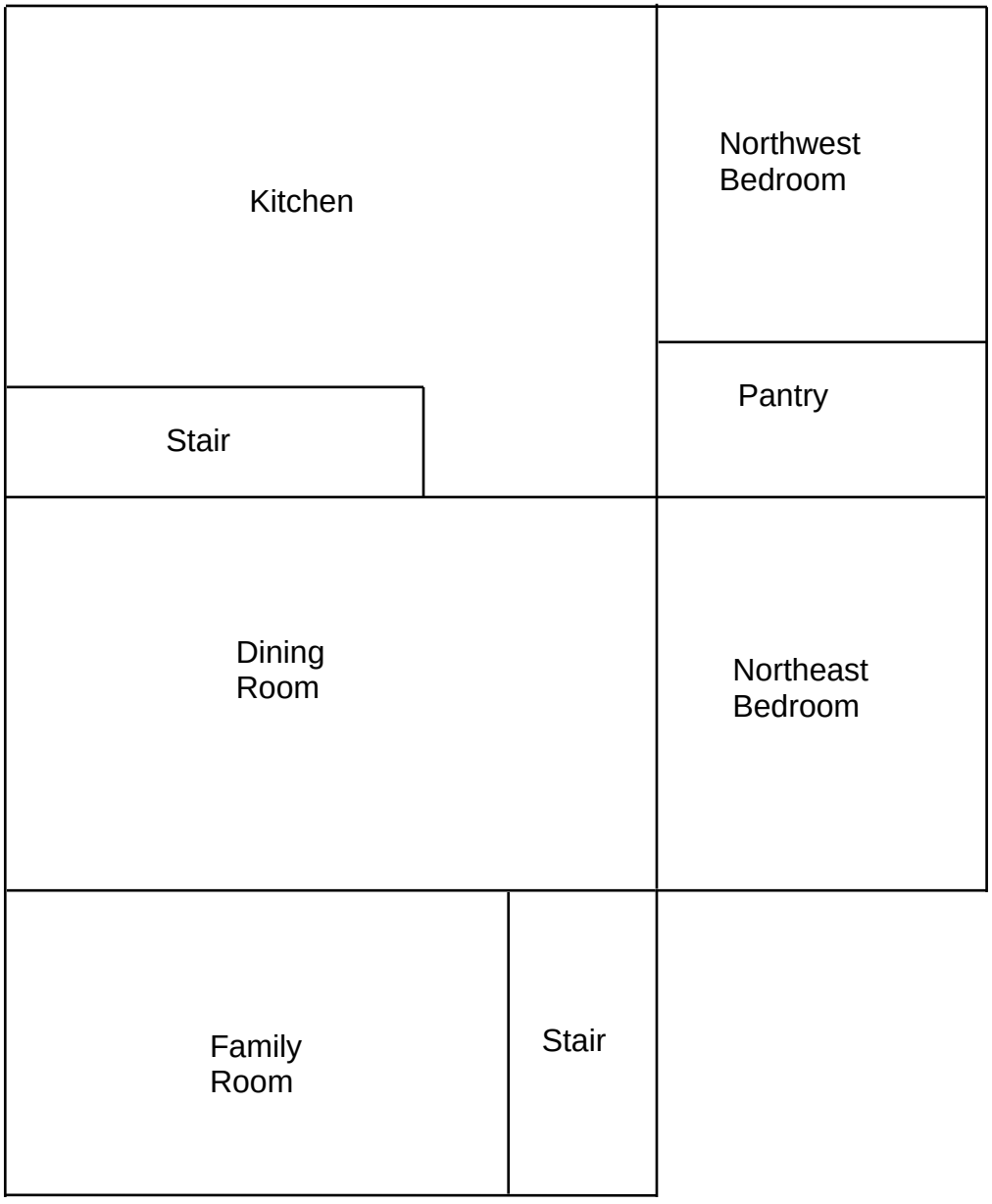
Basement Floor Plan



One Family Dwelling
6028 50th Street
Kenosha, Wisconsin

N

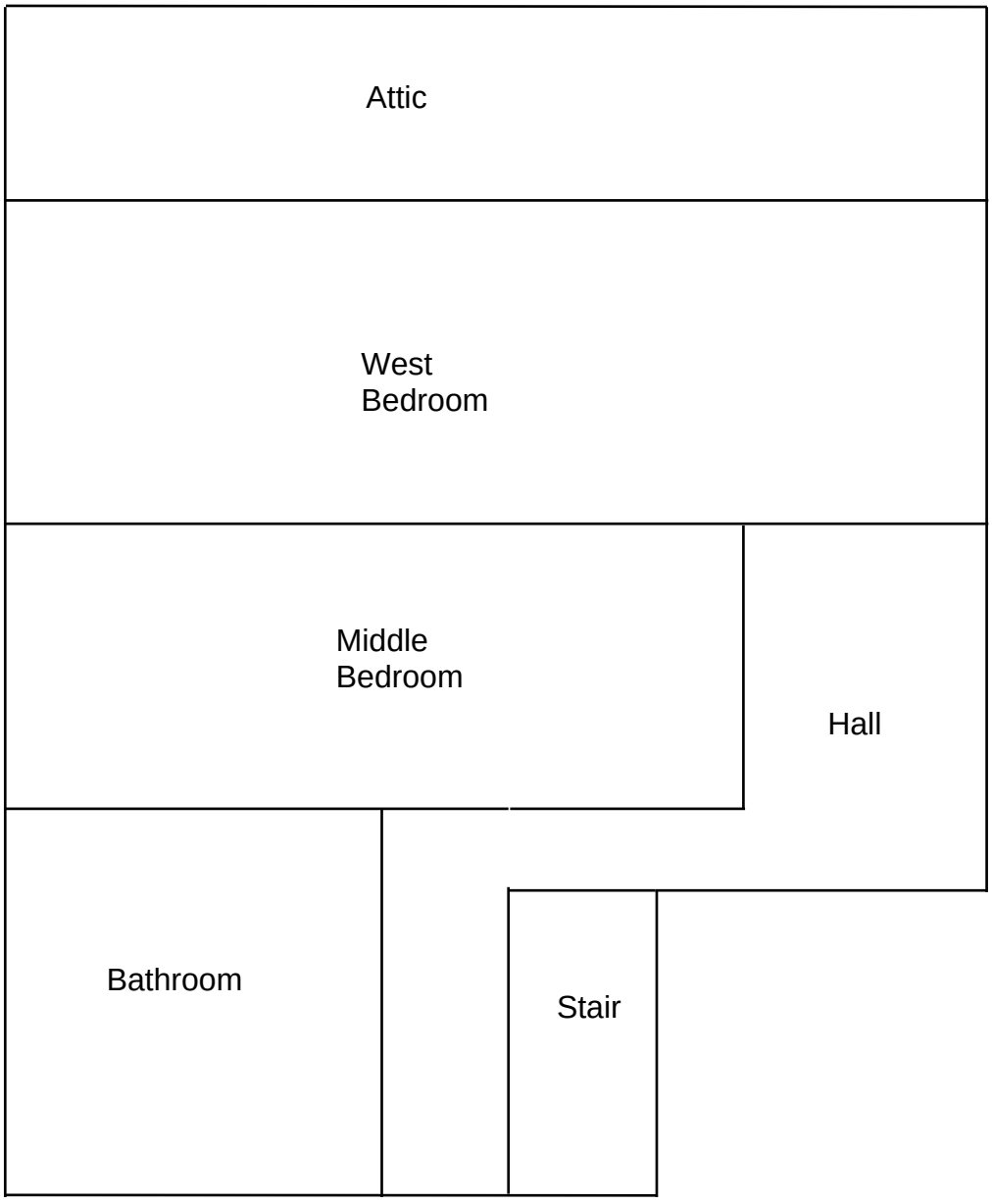
1st Floor Plan



One Family Dwelling
6028 50th 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 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

Tony Evers
Governor

Andrea Palm
Secretary

State of Wisconsin
Department of Health Services

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

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

February 5, 2019

DAMIAN SCOTT ROGOWSKI
3536 COUNTY ROAD H
FRANKSVILLE WI 53126-9211

ID# AII-161300

Congratulations! Your new Wisconsin certification card is enclosed. Please look it over and 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

COPY

City of Kenosha

General Location Map

Subject Property: 05-123-06-203-013
6028 15th Avenue

0 100
Feet

PRE-DEMOLITION INSPECTION REPORT
Job Site:

One Family Dwelling
6350 28th Avenue
Kenosha, Wisconsin

For:

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

KPH Project # 19-400-029.6350

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

KPH Environmental
1237 West Bruce Street
Milwaukee, Wisconsin 53204

April 2019

TABLE OF CONTENTS

Pre-Demolition Inspection Report
6350 28th Avenue
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 one family dwelling at 6350 28th Avenue, Kenosha, Wisconsin, prior to demolition. KPH conducted a visual inspection for asbestos, potential lead painted recyclable surfaces, and universal wastes. KPH collected asbestos bulk samples and paint samples for laboratory analysis.

Asbestos was detected above the regulatory level of 1% in exterior caulk, 1st floor pantry and 2nd floor bathroom linoleum, and duct wrap. It was detected at less than 1% in living room wall mastic, 1st floor bathroom floor tile, and basement floor tile as verified by point counting.

Under state and federal laws the 1st floor pantry and 2nd floor bathroom linoleum and the duct wrap likely have to be abated prior to demolition. The living room wall mastic, 1st floor bathroom floor tile, and basement floor tile are not asbestos containing materials and may remain on the building during demolition. Asbestos containing materials were assumed to be in the inaccessible roof flashing and electrical boxes and may also have to be abated prior to demolition. Other materials tested during the inspection do not contain asbestos. Results are in Section II of this report.

Paint sample testing revealed that lead was detected in interior and exterior samples. Lead based paint was detected on the interior basement walls.

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-demolition inspection of the one family dwelling at 6350 28th Avenue, Kenosha, Wisconsin, for the following:

- Suspect asbestos containing materials
- Suspect lead painted surfaces that could be recycled, such as brick, concrete block, concrete, and metal
- 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 6350 28th Avenue, Kenosha, Wisconsin, was conducted on March 22 and April 1, 2019, to cover the items listed above. The inspection was conducted by Damian Rogowski, Wisconsin Asbestos Inspector License No. 161300. 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 on the plumbing system and plaster walls and ceilings, sampling and documentation of any of these suspect materials, and quantification of observable and accessible positive materials existing within the spaces inspected that are planned for renovation.

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

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

B. List of Suspect Asbestos Containing Materials

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

- Asphalt roofing
- Asphalt shingle siding
- Tar paper
- Stucco
- Caulk
- Window glazing compound
- Blown in insulation
- Drywall/joint compound
- Linoleum
- Floor tile
- Ceramic tile
- Texture
- Plaster

- Ceiling tile
- Duct wrap
- Flue packing
- Roof flashing
- Miscellaneous 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
1	Exterior – house – southeast roof – black asphalt shingle	Negative	MRSk
2	Exterior – house – north roof – black asphalt shingle	Negative	MRSk
3	Exterior – garage – southwest roof – black asphalt shingle	Negative	MRSk
4	Exterior – south wall under vinyl siding – brown asphalt shingle siding	Negative	MSSn
5	Exterior – north wall under vinyl siding – brown asphalt shingle siding	Negative	MSSn
6	Exterior – east wall under vinyl siding – brown asphalt shingle siding	Negative	MSSn
7	Exterior – south wall under wood siding – tar paper	Negative	MPT
8	Exterior – north wall under wood siding – tar paper	Negative	MPT
9	Exterior – east wall under wood siding – tar paper	Negative	MPT
10	Basement – exterior northwest wall – stucco	Negative	STC

Sample #	Location and Description	Results	Homogeneous Code
11	Basement – exterior south wall – stucco	Negative	STC
12	Basement – exterior northeast wall – stucco	Negative	STC
13	**Exterior – northeast wall at ground – black caulk**	**Positive 4% Chrysotile**	**MCLKk**
13A	Not Analyzed Due to Prior Positive Sample	N/A	MCLKk
13B	Not Analyzed Due to Prior Positive Sample	N/A	MCLKk
14	Basement – on north window – glazing compound	Negative	MPG
15	Exterior – on north window – glazing compound	Negative	MPG
16	Exterior – on south window – glazing compound	Negative	MPG
17	Exterior – in northeast wall – blown in insulation	Negative	MBI
18	Exterior – in northeast wall – blown in insulation	Negative	MBI
19	Exterior – in south wall – blown in insulation	Negative	MBI
20	1st floor – living room – on north wall under wood panel – black mastic	Positive 2% Chrysotile	MPMk
20	Point Count Result	Trace 0.75% Chrysotile	MPMk
21	Not Analyzed Due to Prior Positive Sample	N/A	MPMk
22	Not Analyzed Due to Prior Positive Sample	N/A	MPMk
23	1st floor – dining room – ceiling – drywall	Negative	MDW
24	2nd floor – living room – west wall – drywall	Negative	MDW
25	Basement – southeast wall – drywall	Negative	MDW
26	1st floor – kitchen – west side under carpet – white and red linoleum	Negative	MFLwr
26A	1st floor – kitchen – east side under carpet – white and red linoleum	Negative	MFLwr
26B	1st floor – kitchen – north side under carpet – white and red linoleum	Negative	MFLwr
27	1st floor – bathroom – near door – 12” white and brown floor tile	Positive 2% Chrysotile	MF12wn
27	Point Count Result	Trace 0.75% Chrysotile	MF12wn
27A	Not Analyzed Due to Prior Positive Sample	N/A	MF12wn
27B	Not Analyzed Due to Prior Positive Sample	N/A	MF12wn
28	1st floor – bathroom – on west wall – gray and white ceramic tile	Negative	MCTMyw
28A	1st floor – bathroom – on east wall – gray and white ceramic tile	Negative	MCTMyw
28B	1st floor – bathroom – on north wall – gray and white ceramic tile	Negative	MCTMyw
29	**1st floor – pantry – near door – yellow and orange linoleum**	**Positive 20% Chrysotile**	**MFLlo**
29A	Not Analyzed Due to Prior Positive Sample	N/A	MFLlo
29B	Not Analyzed Due to Prior Positive Sample	N/A	MFLlo
30	2nd floor – west bedroom – center under carpet – black linoleum	Negative	MFLk
30A	2nd floor – west bedroom – north side under carpet – black linoleum	Negative	MFLk
30B	2nd floor – west bedroom – south side under carpet – black linoleum	Negative	MFLk
31	2nd floor – west bedroom – center black linoleum – green and orange linoleum	Negative	MFLgo

Sample #	Location and Description	Results	Homogeneous Code
32	2nd floor – west bedroom – north side black linoleum – green and orange linoleum	Negative	MFLgo
33	2nd floor – west bedroom – south side black linoleum – green and orange linoleum	Negative	MFLgo
34	2nd floor – west bedroom – on table top – brown linoleum	Negative	MFLn
34A	2nd floor – west bedroom – on table top – brown linoleum	Negative	MFLn
34B	2nd floor – west bedroom – on table top – brown linoleum	Negative	MFLn
35	**2nd floor – bathroom – near door – yellow and gold linoleum**	**Positive 20% Chrysotile**	**MFLld**
35A	Not Analyzed Due to Prior Positive Sample	N/A	MFLld
35B	Not Analyzed Due to Prior Positive Sample	N/A	MFLld
36	2nd floor – west bedroom – on ceiling – texture	Negative	STX
37	2nd floor – living room – on ceiling – texture	Negative	STX
38	2nd floor – office – on ceiling – texture	Negative	STX
39	2nd floor – living room – center under carpet – white and tan linoleum	Negative	MFLwt
39A	2nd floor – living room – north side under carpet – white and tan linoleum	Negative	MFLwt
39B	2nd floor – living room – south side under carpet – white and tan linoleum	Negative	MFLwt
40	2nd floor – living room – center under white and tan linoleum – brown/red/green linoleum	Negative	MFLnrg
40A	2nd floor – living room – north side under white and tan linoleum – brown/red/green linoleum	Negative	MFLnrg
40B	2nd floor – living room – south side under white and tan linoleum – brown/red/green linoleum	Negative	MFLnrg
41	2nd floor – north bedroom – at door under carpet – blue linoleum	Negative	MFLb
41A	2nd floor – north bedroom – north side under carpet – blue linoleum	Negative	MFLb
41B	2nd floor – north bedroom – south side under carpet – blue linoleum	Negative	MFLb
42	2nd floor – office – center under carpet – gray/black/tan linoleum	Negative	MFLykt
42A	2nd floor – office – north side under carpet – gray/ black/tan linoleum	Negative	MFLykt
42B	2nd floor – office – south side under carpet – gray/ black/tan linoleum	Negative	MFLykt
43	2nd floor – kitchen – office – center bottom layer – brown/tan/red linoleum	Negative	MFLntr
43A	2nd floor – kitchen – office – north side bottom layer – brown/tan/red linoleum	Negative	MFLntr
43B	2nd floor – kitchen – office – south side bottom layer – brown/tan/red linoleum	Negative	MFLntr
44	2nd floor – office – south wall – plaster	Negative	SPl
45	2nd floor – west bedroom – west wall – plaster	Negative	SPl
46	1st floor – kitchen – south wall – plaster	Negative	SPl
47	1st floor – bathroom – east wall – plaster	Negative	SPl
48	1st floor – hall – south wall – plaster	Negative	SPl
49	Basement – stair – east side – 1’ x 1’ ceiling tile	Negative	MSCT11
49A	Basement – stair – center – 1’ x 1’ ceiling tile	Negative	MSCT11

Sample #	Location and Description	Results	Homogeneous Code
49B	Basement – stair – west side – 1' x 1' ceiling tile	Negative	MSCT11
50	Basement – near stair – 12" white/tan/brown floor tile	Trace <1% Chrysotile	MF12wtn
50	Point Count Result	Trace 0.25% Chrysotile	MF12wtn
50A	Basement – center – 12" white/tan/brown floor tile	Trace <1% Chrysotile	MF12wtn
50A	Point Count Result	Trace 0.5% Chrysotile	MF12wtn
50B	Basement – west side – 12" white/tan/brown floor tile	Trace <1% Chrysotile	MF12wtn
50B	Point Count Result	Trace 0.25% Chrysotile	MF12wtn
51	**Basement – east end on duct – duct wrap**	**Positive 55% Chrysotile**	**TDW**
51A	Not Analyzed Due to Prior Positive Sample	N/A	TDW
51B	Not Analyzed Due to Prior Positive Sample	N/A	TDW
52	Basement – on chimney – flue packing	Negative	TFP
52A	Basement – on chimney – flue packing	Negative	TFP
52B	Basement – on chimney – flue packing	Negative	TFP

Homogeneous Material Codes

SPl	Plaster
STC	Stucco
STX	Texture
MRSn	Brown Asphalt Shingle
MSSn	Brown Asphalt Shingle Siding
MPT	Tar Paper Exterior
MCLKk	Black Caulk
MPG	Glazing Compound
MPMk	Black Wall Panel Mastic
MDW	Drywall/Joint Compound
MFLwr	White & Red Linoleum
MFLlo	Yellow & Orange Linoleum
MFLk	Black Linoleum
MFLgo	Green & Orange Linoleum
MFLn	Brown Linoleum
MFLld	Yellow & Gold Linoleum
MFLwt	White &Tan Linoleum
MFLnrg	Brown/Red/Green Linoleum
MFLb	Blue Linoleum
MFLykt	Gray/Black/Tan Linoleum
MFLtnr	Tan/Brown/Red Linoleum
MF12wn	12" White & Brown Floor Tile
MF12wtn	12" White/Tan/Brown Floor Tile
MCTMyw	Gray & White Ceramic Tile
MCTMt	Tan Ceramic Tile
MSCT11	1' x 1' Ceiling Tile
TDW	Duct Wrap
TFP	Flue Packing

E. Asbestos Locations and Quantities

Four (4) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM).

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Black Caulk	MCLKk	Exterior Northeast Wall Near Ground	3 SF	Good
Yellow & Orange Linoleum	MFLlo	1st Floor Pantry	35 SF	Good
Yellow & Gold Linoleum	MFLld	2nd Floor Bathroom	50 SF	Good
Duct Wrap	TDW	Basement on Ducts	12 SF	Poor

Three (3) of the materials sampled contain less than 1% asbestos.

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Black Wall Panel Mastic	MPMk	1st Floor Living Room Walls Under Wood Panels	400 SF	Good
12" White & Brown Floor Tile	MF12wn	1st Floor Bathroom	40 SF	Good
12" White/Tan/Brown Floor Tile	MF12wtn	Basement	120 SF	Good

Assumed Asbestos Containing Materials

Material	Location	Approximate Quantity	Condition
Electrical Panels – Suspect Transite	House Exterior & Basement Electrical Boxes	5 Boxes	Good
Roof Flashing	Roof	3 SF	Good

The yellow and orange linoleum, yellow and gold linoleum, and duct wrap are friable asbestos containing materials. They meet the definition of a regulated asbestos containing material (RACM) under NR 447 of the Wisconsin Administrative Code.

The suspect transite in electrical boxes is a category II non-friable asbestos containing material. If it becomes crumbled, pulverized or reduced to powder during demolition it will become RACM as defined under NR 447.

The roof flashing is a category I non-friable asbestos containing material. It was in non-friable condition at the time of the inspection. If this material is subjected to sanding, grinding, cutting or abrading during demolition, it would be then be defined as RACM under NR 447. If the category I non-friable asbestos containing materials do not become RACM during demolition, under NR 447 they may remain on the building and be disposed at a Wisconsin licensed landfill with the other demolition debris

The black wall panel mastic, 12" white and brown floor tile, and 12" white/tam/brown floor tile contain less than 1% asbestos as verified by the point count method and by definition in NR 447 are not ACMs and do not require abatement prior to demoltion.

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. 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.

DHS 159.06 of the Wisconsin Administrative Code states that the demolition machine operator does require asbestos certification where an individual operates a motorized vehicle to demolish or remove a facility when asbestos containing material is allowed to remain under s. NR 447.08 (remaining materials are not RACM).

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

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

III. LEAD PAINT INSPECTION

A. Methods

A lead paint inspection and sampling are recommended for building materials that may contain surfaces painted before 1978. The inspection determines if lead is in the building paint, the location(s) of lead containing surfaces, and the amount of lead in the paint. If the surfaces will be disturbed or demolished, workers can then prepare proper safety measures to reduce exposure to lead containing dust as required by the Occupational Safety and Health Administration. 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 2017).

The inspection at the one family dwelling at 6350 28th Avenue, Kenosha, Wisconsin, took place on March 22, 2019. A room by room inspection was conducted of metal, block, brick, or concrete locations scheduled for demolition, noting the location, substrate, and color of these painted surfaces.

The OSHA Lead in Construction regulation 29 CFR 1926.62 applies whenever workers may be exposed to lead during construction work.

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 in paint. Reference Paint Test Results below.

Interior: Dwelling at 6350 28th Avenue, Kenosha, Wisconsin

- Painted concrete was observed in basement walls and floor. Lead was detected above the 0.5% lead based paint standard in Ch. 254 in white paint on the north wall

Exterior: Dwelling at 6350 28th Avenue, Kenosha, Wisconsin

- Painted stucco/concrete was observed in basement level walls. Lead was detected but below the 0.5% lead based paint standard in Ch. 254.

The following are the laboratory results.

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P01	Exterior	South Wall	Stucco	White	0.377
P02	**Basement**	**North Wall**	**Concrete**	**White**	**1.30**
P03	Basement Near Door	Floor	Concrete	Red	0.0587
P04	Basement	North Wall	Concrete	Blue	0.0289
P05	Basement	East Wall	Concrete	Yellow	0.0106

Where lead in paint is known or suspected, the owner and contractors must follow the OSHA lead in construction regulation 29CFR 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:

- 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.

According to the WDNR Concrete Recycling and Disposal Fact Sheet, 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 Department (DNR Form 4400-274).

IV. 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
Paint	Basement	5 Gallons
Refrigerator-CFC	Basement	1
Thermostat-Mercury	1st Floor Dining Room, 2nd Floor Office	2

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

V. EXCLUSIONS

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 demolition contractor.

A limited lead inspection was conducted. The results are representative only of the specific locations that were inspected on the building. This report represents the condition of the building and the visible/accessible locations at the date and the time of the onsite inspection.

VI. 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

Attn:

Order #: 308375

Received 04/02/19
Analyzed 04/08/19
Reported 04/09/19

Project:
Location: Wisconsin
Number: 19-400-029.6350

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

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
308375-001	04/01/19	1	Wisconsin		
Layer 1: Roofing Gray/Black, Granular/Bituminous				None Detected	15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-002	04/01/19	2	Wisconsin		
Layer 1: Roofing Gray/Black, Granular/Bituminous				None Detected	15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-003	04/01/19	3	Wisconsin		
Layer 1: Roofing Gray/Black, Granular/Bituminous				None Detected	15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-004	04/01/19	4	Wisconsin		
Layer 1: Siding Yellow/Black, Granular/Bituminous				None Detected	15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-005	04/01/19	5	Wisconsin		
Layer 1: Siding Yellow/Black, Granular/Bituminous				None Detected	15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-006	04/01/19	6	Wisconsin		
Layer 1: Siding Yellow/Black, Granular/Bituminous				None Detected	15% CELLULOSE FIBER 70% NON FIBROUS MATERIAL 15% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					

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: 19-400-029.6350

Method: EPA 600/R-93/116 & 600/M4-82-020 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
308375-007	04/01/19	7	Wisconsin		
Layer 1: Tar Paper Tan/Black, Bituminous/Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
308375-008	04/01/19	8	Wisconsin		
Layer 1: Tar Paper Tan/Black, Bituminous/Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
308375-009	04/01/19	9	Wisconsin		
Layer 1: Tar Paper Tan/Black, Bituminous/Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
308375-010	04/01/19	10	Wisconsin		
Layer 1: Stucco Yellow, Granular				None Detected	100% NON FIBROUS MATERIAL
308375-011	04/01/19	11	Wisconsin		
Layer 1: Stucco Yellow, Granular				None Detected	100% NON FIBROUS MATERIAL
308375-012	04/01/19	12	Wisconsin		
Layer 1: Stucco Yellow, Granular				None Detected	100% NON FIBROUS MATERIAL
308375-013	04/01/19	13	Wisconsin		
Layer 1: Caulk Black, Bituminous				4% CHRYSOTILE	96% NON FIBROUS MATERIAL
308375-014	04/01/19	13A	Wisconsin		
Layer 1: Caulk					

Not analyzed due to positive stop instructions.

308375-015	04/01/19	13B	Wisconsin		
Layer 1: Caulk					

Not analyzed due to positive stop instructions.

308375-016	04/01/19	14	Wisconsin		
Layer 1: Glazing Gray, 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: 19-400-029.6350

Method: EPA 600/R-93/116 & 600/M4-82-020 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
308375-017	04/01/19	15	Wisconsin		
Layer 1: Glazing Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
308375-018	04/01/19	16	Wisconsin		
Layer 1: Glazing Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
308375-019	04/01/19	17	Wisconsin		
Layer 1: Insulation Gray, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
308375-020	04/01/19	18	Wisconsin		
Layer 1: Insulation Gray, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
308375-021	04/01/19	19	Wisconsin		
Layer 1: Insulation Gray, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
308375-022	04/01/19	20	Wisconsin		
Layer 1: Mastic Black, Bituminous				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
308375-023	04/01/19	21	Wisconsin		
Layer 1: Mastic					
Not analyzed due to positive stop instructions.					
308375-024	04/01/19	22	Wisconsin		
Layer 1: Mastic					
Not analyzed due to positive stop instructions.					
308375-025	04/01/19	23	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	4% CELLULOSE FIBER 96% NON FIBROUS MATERIAL
308375-026	04/01/19	24	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	4% CELLULOSE FIBER 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: 19-400-029.6350

Method: EPA 600/R-93/116 & 600/M4-82-020 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
308375-027	04/01/19	25	Wisconsin		
Layer 1: Drywall White, Powdery				None Detected	4% CELLULOSE FIBER 96% NON FIBROUS MATERIAL
308375-028	04/01/19	26	Wisconsin		
Layer 1: Linoleum Yellow/Black, Org.Bound/Fibrous				None Detected	25% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 30% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-029	04/01/19	26A	Wisconsin		
Layer 1: Linoleum Yellow/Black, Org.Bound/Fibrous				None Detected	25% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 30% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-030	04/01/19	26B	Wisconsin		
Layer 1: Linoleum Yellow/Black, Org.Bound/Fibrous				None Detected	25% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 30% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-031	04/01/19	27	Wisconsin		
Layer 1: Tile White, Organically Bound				2% CHRYSOTILE	98% NON FIBROUS MATERIAL
308375-032	04/01/19	27A	Wisconsin		
Layer 1: Tile					
Not analyzed due to positive stop instructions.					
308375-033	04/01/19	27B	Wisconsin		
Layer 1: Tile					
Not analyzed due to positive stop instructions.					
308375-034	04/01/19	28	Wisconsin		
Layer 1: Tile Gray, Hard				None Detected	100% NON FIBROUS MATERIAL
308375-035	04/01/19	28A	Wisconsin		
Layer 1: Tile 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: 19-400-029.6350

Method: EPA 600/R-93/116 & 600/M4-82-020 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
308375-036	04/01/19	28B	Wisconsin		
Layer 1: Tile Gray, Hard				None Detected	100% NON FIBROUS MATERIAL
308375-037	04/01/19	29	Wisconsin		
Layer 1: Linoleum Yellow, Org.Bound/Fibrous				20% CHRYSOTILE	25% CELLULOSE FIBER 55% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-038	04/01/19	29A	Wisconsin		
Layer 1: Linoleum					
Not analyzed due to positive stop instructions.					
308375-039	04/01/19	29B	Wisconsin		
Layer 1: Linoleum					
Not analyzed due to positive stop instructions.					
308375-040	04/01/19	30	Wisconsin		
Layer 1: Linoleum Black/Gray, Org.Bound/Fibrous				None Detected	25% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 30% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-041	04/01/19	30A	Wisconsin		
Layer 1: Linoleum Black/Gray, Org.Bound/Fibrous				None Detected	25% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 30% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-042	04/01/19	30B	Wisconsin		
Layer 1: Linoleum Black/Gray, Org.Bound/Fibrous				None Detected	25% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 30% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-043	04/01/19	31	Wisconsin		
Layer 1: Linoleum Tan, Org.Bound/Fibrous				None Detected	20% CELLULOSE FIBER 55% NON FIBROUS MATERIAL 25% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					

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: 19-400-029.6350

Method: EPA 600/R-93/116 & 600/M4-82-020 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
308375-044	04/01/19	32	Wisconsin		
Layer 1: Linoleum Tan, Org.Bound/Fibrous				None Detected	20% CELLULOSE FIBER 55% NON FIBROUS MATERIAL 25% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-045	04/01/19	33	Wisconsin		
Layer 1: Linoleum Tan/Green, Org.Bound/Fibrous				None Detected	20% CELLULOSE FIBER 55% NON FIBROUS MATERIAL 25% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-046	04/01/19	34	Wisconsin		
Layer 1: Linoleum Brown, Org.Bound/Fibrous				None Detected	25% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 30% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-047	04/01/19	34A	Wisconsin		
Layer 1: Linoleum Brown, Org.Bound/Fibrous				None Detected	25% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 30% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-048	04/01/19	34B	Wisconsin		
Layer 1: Linoleum Brown, Org.Bound/Fibrous				None Detected	25% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 30% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-049	04/01/19	35	Wisconsin		
Layer 1: Linoleum Gold, Org.Bound/Fibrous				20% CHRYSOTILE	35% CELLULOSE FIBER 45% NON FIBROUS MATERIAL
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-050	04/01/19	35A	Wisconsin		
Layer 1: Linoleum					
Not analyzed due to positive stop instructions.					
308375-051	04/01/19	35B	Wisconsin		
Layer 1: Linoleum					
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: 19-400-029.6350

Method: EPA 600/R-93/116 & 600/M4-82-020 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
308375-052	04/01/19	36	Wisconsin		
Layer 1: Textured Material White, Granular				None Detected	100% NON FIBROUS MATERIAL
308375-053	04/01/19	37	Wisconsin		
Layer 1: Textured Material White, Granular				None Detected	100% NON FIBROUS MATERIAL
308375-054	04/01/19	38	Wisconsin		
Layer 1: Textured Material White, Granular				None Detected	100% NON FIBROUS MATERIAL
308375-055	04/01/19	39	Wisconsin		
Layer 1: Linoleum White, Org.Bound/Fibrous				None Detected	30% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 25% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-056	04/01/19	39A	Wisconsin		
Layer 1: Linoleum White, Org.Bound/Fibrous				None Detected	30% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 25% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-057	04/01/19	39B	Wisconsin		
Layer 1: Linoleum White, Org.Bound/Fibrous				None Detected	30% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 25% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-058	04/01/19	40	Wisconsin		
Layer 1: Linoleum Blue/Green, Org.Bound/Fibrous				None Detected	30% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 25% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-059	04/01/19	40A	Wisconsin		
Layer 1: Linoleum Blue/Green, Org.Bound/Fibrous				None Detected	30% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 25% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-060	04/01/19	40B	Wisconsin		
Layer 1: Linoleum Blue/Green, Org.Bound/Fibrous				None Detected	30% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 25% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					

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: 19-400-029.6350

Method: EPA 600/R-93/116 & 600/M4-82-020 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
308375-061	04/01/19	41	Wisconsin		
Layer 1: Linoleum Blue, Org.Bound/Fibrous				None Detected	25% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 30% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-062	04/01/19	41A	Wisconsin		
Layer 1: Linoleum Blue, Org.Bound/Fibrous				None Detected	25% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 30% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-063	04/01/19	41B	Wisconsin		
Layer 1: Linoleum Blue, Org.Bound/Fibrous				None Detected	25% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 30% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-064	04/01/19	42	Wisconsin		
Layer 1: Linoleum Gray/Black, Org.Bound/Fibrous				None Detected	25% CELLULOSE FIBER 55% NON FIBROUS MATERIAL 20% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-065	04/01/19	42A	Wisconsin		
Layer 1: Linoleum Gray/Black, Org.Bound/Fibrous				None Detected	25% CELLULOSE FIBER 55% NON FIBROUS MATERIAL 20% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-066	04/01/19	42B	Wisconsin		
Layer 1: Linoleum Gray/Black, Org.Bound/Fibrous				None Detected	25% CELLULOSE FIBER 55% NON FIBROUS MATERIAL 20% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-067	04/01/19	43	Wisconsin		
Layer 1: Linoleum Brown/Tan, Org.Bound/Fibrous				None Detected	30% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 25% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-068	04/01/19	43A	Wisconsin		
Layer 1: Linoleum Brown/Tan, Org.Bound/Fibrous				None Detected	30% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 25% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					

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: 19-400-029.6350

Method: EPA 600/R-93/116 & 600/M4-82-020 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
308375-069	04/01/19	43B	Wisconsin		
Layer 1: Linoleum Brown/Tan, Org.Bound/Fibrous				None Detected	30% CELLULOSE FIBER 45% NON FIBROUS MATERIAL 25% SYNTHETIC FIBER
Sample was inhomogenous, subsamples of each component were analyzed separately.					
308375-070	04/01/19	44	Wisconsin		
Layer 1: Plaster White, Granular				None Detected	4% ANIMAL HAIR 96% NON FIBROUS MATERIAL
308375-071	04/01/19	45	Wisconsin		
Layer 1: Plaster White, Granular				None Detected	4% ANIMAL HAIR 96% NON FIBROUS MATERIAL
308375-072	04/01/19	46	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	100% NON FIBROUS MATERIAL
308375-073	04/01/19	47	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	NON FIBROUS MATERIAL
308375-074	04/01/19	48	Wisconsin		
Layer 1: Plaster Gray, Granular				None Detected	5% ANIMAL HAIR 95% NON FIBROUS MATERIAL
308375-075	04/01/19	49	Wisconsin		
Layer 1: Ceiling Tile White, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
308375-076	04/01/19	49A	Wisconsin		
Layer 1: Ceiling Tile White, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
308375-077	04/01/19	49B	Wisconsin		
Layer 1: Ceiling Tile White, Fibrous				None Detected	90% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
308375-078	04/01/19	50	Wisconsin		
Layer 1: Tile White/Tan, Organically Bound				<1% CHRYSOTILE	100% NON FIBROUS MATERIAL

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Project:
Location: Wisconsin
Number: 19-400-029.6350

Method: EPA 600/R-93/116 & 600/M4-82-020 **PLM Analysis**

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
308375-079	04/01/19	50A	Wisconsin		
Layer 1: Tile White/Tan, Organically Bound				<1% CHRYSOTILE	100% NON FIBROUS MATERIAL
308375-080	04/01/19	50B	Wisconsin		
Layer 1: Tile White/Tan, Organically Bound				<1% CHRYSOTILE	100% NON FIBROUS MATERIAL
308375-081	04/01/19	51	Wisconsin		
Layer 1: Insulation Gray, Fibrous				55% CHRYSOTILE	35% CELLULOSE FIBER 10% NON FIBROUS MATERIAL
308375-082	04/01/19	51A	Wisconsin		
Layer 1: Insulation					
Not analyzed due to positive stop instructions.					
308375-083	04/01/19	51B	Wisconsin		
Layer 1: Insulation					
Not analyzed due to positive stop instructions.					
308375-084	04/01/19	52	Wisconsin		
Layer 1: Flue Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
308375-085	04/01/19	52A	Wisconsin		
Layer 1: Flue Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL
308375-086	04/01/19	52B	Wisconsin		
Layer 1: Flue Material Beige, Granular				None Detected	100% NON FIBROUS MATERIAL

EPA Regulatory Limit: 1%
Total layers analyzed on order: 74

308375-04/09/19 10:44 AM

Analyst **Elsamani Abdelfadiel**

Reviewed By: **Hind Eldanaf**
Microscopy Supervisor

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.

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

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fghraizi 4/2/2019 9:5 5:25 AM
UPS 1Z2E2899846 8941 72

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	19-400-029.6350				
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]
1	4/1/19		Roofing						
2	↓		↓						
3									
4			Siding						
5			↓						
6									
7			Tar Paper						
8			↓						
9									
10	↓		Stucco						

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 4/1/19 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:** Test each homogeneous material until >1%			
Project Number	19-400-029.6350				
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]
11	4/1/19		Stucco						
12			↓						
13			Caulk						
13A			↓						
13B			↓						
14			Glazing						
15			↓						
16			↓						
17			Insulation						
18			↓						

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 4/1/19 1700

! 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:** Test each homogeneous material until >1%			
Project Number	19-400-029.6350				
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]
19	4/1/19		Insulation						
20			Mastic						
21			↓						
22			↓						
23			Drywall						
24			↓						
25			↓						
26			Linoleum						
26A			↓						
26B			↓						

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 4/1/19 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:** Test each homogeneous material until >1%			
Project Number	19-400-029.6350				
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]
27	4/1/19		Tile White						
27A			↓						
27B			↓						
28			Tile Gray						
28A			↓						
28B			↓						
29			Linoleum Yellow						
29A			↓						
29B			↓						
30			Linoleum Black						

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 4/1/19 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:** Test each homogeneous material until >1%			
Project Number	19-400-029.6350				
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]
30A	4/1/19		Linoleum Black						
30B	↓		↓						
31			Linoleum Tan						
32			↓						
33			↓						
34			Linoleum Brown						
34A			↓						
34B			↓						
35			Linoleum Gold						
35A	↓		↓						

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 4/1/19 1200

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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:** Test each homogeneous material until >1%			
Project Number	19-400-029.6350				
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]
35B	4/1/19		Linoleum Gold						
36			Texture						
37			↓						
38			↓						
39			Linoleum White						
39A			↓						
39B			↓						
40			Linoleum Blue Green						
40A			↓						
40B	↓		↓						

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 4/1/19 1700

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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	19-400-029.6350				
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]
41	4/1/19		Linoleum Blue						
41A	↓		↓						
41B									
42			Linoleum Gray Black						
42A			↓						
42B									
43			Linoleum Brown Tan						
43A			↓						
43B									
44	↓		Plaster						

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 4/1/19 1200

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Collected By					

Turn Around Time **
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- ☐ 2 business days
- ☐ 3 business days
- ☑ 5 business days

* not available for all tests
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Matrix
- ☐ Air
- ☐ Paint
- ☐ Soil
- ☐ Wipe
- ☒ Bulk
- ☐ Waste Water
- ☐ Ground Water
- ☐ Drinking Water
- ☐ TSP / PM10
- ☐ _____

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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]
45	4/1/19		Plaster						
46									
47									
48									
49			Tile Ceiling						
49A									
49B									
50			Tile White Tan						
50A									
50B									

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Relinquished By: Dean Jacobsen Signature: _____ Date/Time 4/1/19 2200

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Milwaukee, WI 53204		**Email**	dean.jacobsen@kphenvironmenmtal.com		
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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]
S1	4/1/19		Insulation						
S1A	↓		↓						
S1B									
S2			Floor Tack						
S2A			↓						
S2B	↓								

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Relinquished By: Dean Jacobsen Signature: Dean Jacobsen Date/Time 4/1/19 1700

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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

Order #: 310173

Received 04/11/19
Analyzed 04/14/19
Reported 04/15/19

Attn:

Project:
Location: Wisconsin
Number: 19-400-029.6350

Method: EPA 600/R-93/116 & 600/M4-82-020 with Point Count

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
310173-001	04/01/19	20	Wisconsin		
Layer 1: Mastic Black, Bituminous, Homogenous				0.75% CHRYSOTILE	99.25% NON FIBROUS MATERIAL
310173-002	04/01/19	27	Wisconsin		
Layer 1: Tile White, Organically Bound, Homogenous				0.75% CHRYSOTILE	99.25% NON FIBROUS MATERIAL
310173-003	04/01/19	50	Wisconsin		
Layer 1: Tile White/Tan, Organically Bound, Homogenous				0.25% CHRYSOTILE	99.75% NON FIBROUS MATERIAL
310173-004	04/01/19	50A	Wisconsin		
Layer 1: Tile White/Tan, Organically Bound, Homogenous				0.50% CHRYSOTILE	99.50% NON FIBROUS MATERIAL
310173-005	04/01/19	50B	Wisconsin		
Layer 1: Tile White/Tan, Organically Bound, Homogenous				0.25% CHRYSOTILE	99.75% NON FIBROUS MATERIAL

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

310173-04/15/19 03:41 PM

Analyst **Elsamani Abdelfadiel**

Reviewed By: **Hind Eldanaf**
Microscopy Supervisor

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

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vthrasher 4/11/2019 9:45:10 AM
UPS 1Z2E2899846289499

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 308375			
Project Number	19-400-029.6350				
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]
20	4/1/19		Mastic						
27	↓		Tile						
50			Tile						
50A			↓						
50B	↓		↓						

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 4/10/19 1700

! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

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

B. PAINT 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: 19-400-029.6350

Order #: 308372

Matrix Paint
Received 04/02/19
Analyzed 04/03/19
Reported 04/03/19

PO Number:

Sample ID / Parameter	Cust. Sample ID	Location / Method	Sample Date	Weight / Total µg	% / Wt.	Conc.	RL*
308372-001	P01	Wall	04/01/19	326 mg			
Lead		EPA 7000B / 3050B		1230 µg	0.377 %	3770 mg/kg	153 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.					
308372-002	P02	Wall	04/01/19	307 mg			
Lead		EPA 7000B / 3050B		3990 µg	1.30 %	13000 mg/kg	326 mg/kg
308372-003	P03	Floor	04/01/19	313 mg			
Lead		EPA 7000B / 3050B		184 µg	0.0587 %	587 mg/kg	31.9 mg/kg
308372-004	P04	Wall	04/01/19	47.0 mg			
Lead		EPA 7000B / 3050B		13.6 µg	0.0289 %	289 mg/kg	213 mg/kg
		Sample weight below method guidelines.					
308372-005	P05	Wall	04/01/19	321 mg			
Lead		EPA 7000B / 3050B		34.2 µg	0.0106 %	106 mg/kg	31.2 mg/kg

Analyst: ST
308372-04/03/19 01:50 PM

Reviewed By: **Jennifer Lee**
Metals Supervisor

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. Concentration and *Reporting Limit (RL) based on weights provided by client. All internal QC parameters were met. Unusual sample conditions, if any, are described. 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

308372 X 5

V:\308\308372

fghraizi 4/2/2019 9:5 5:25 AM
UPS 1Z2E2899846 I894172

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	19-400-029.6350				
Collected By					

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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]
P01	4/1/19		Wall						
P02	↓		Wall						
P03			Floor						
P04			Wall						
P05			Wall						

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 4/1/19 1700

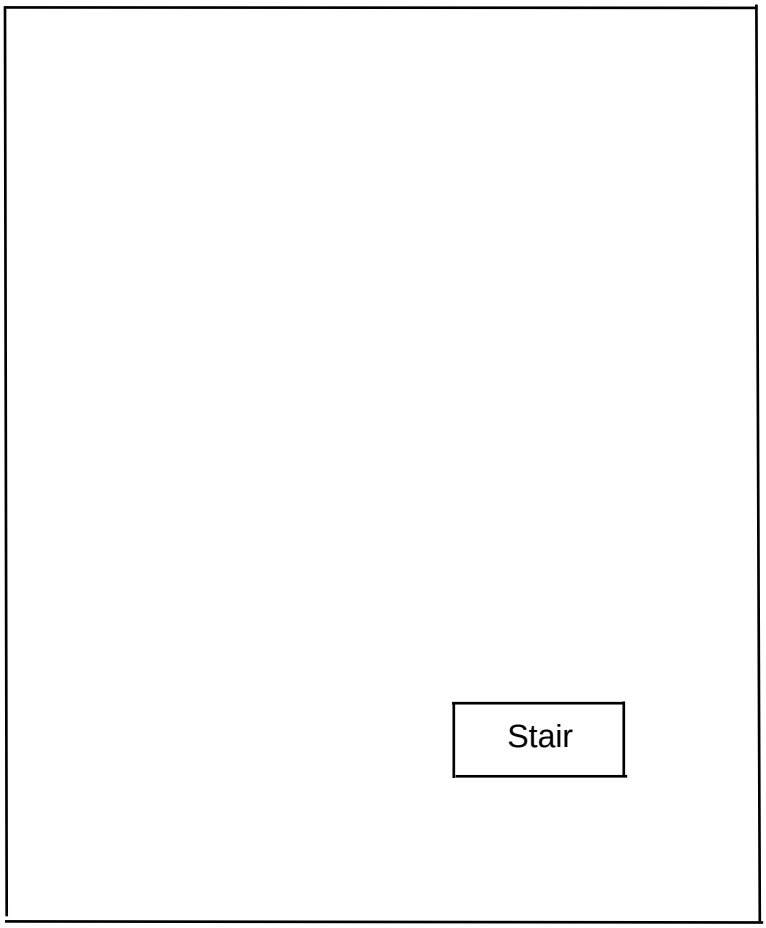
! ALL SHADED FIELDS MUST BE FILLED TO AVOID DELAYS !

C. FLOOR PLANS

One Family Dwelling
6350 28th Avenue
Kenosha, Wisconsin

N

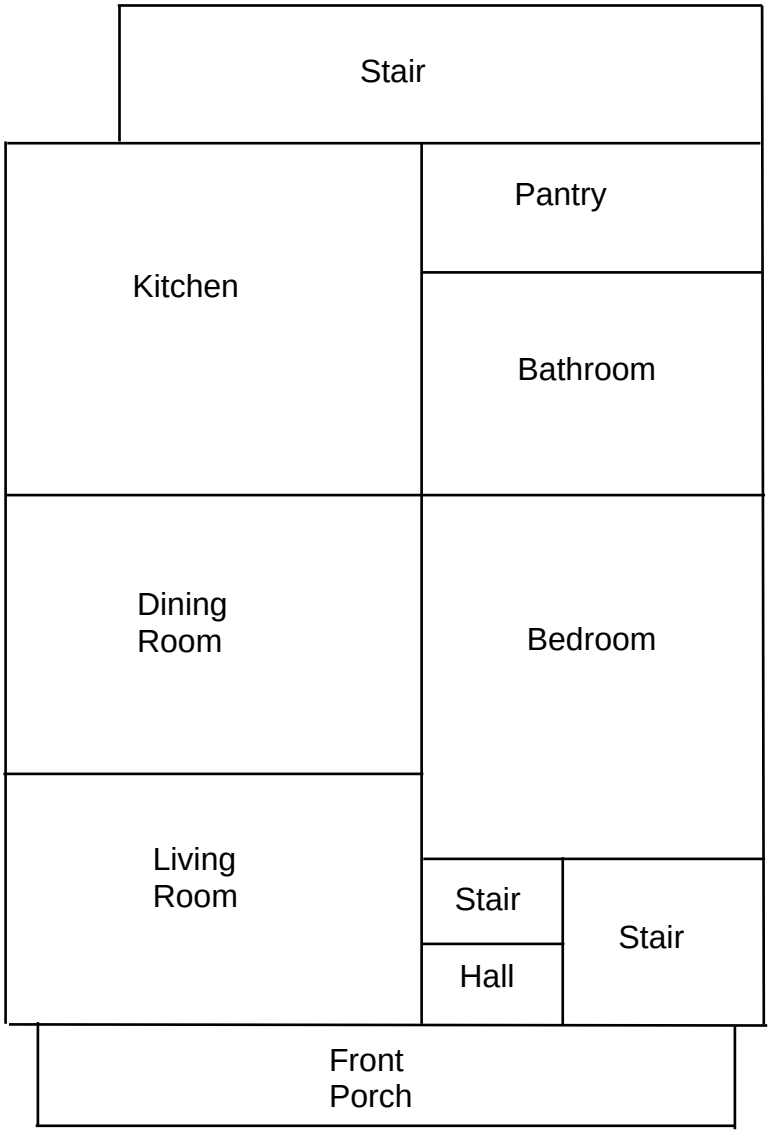
Basement Floor Plan



One Family Dwelling
6350 28th Avenue
Kenosha, Wisconsin

1st Floor Plan

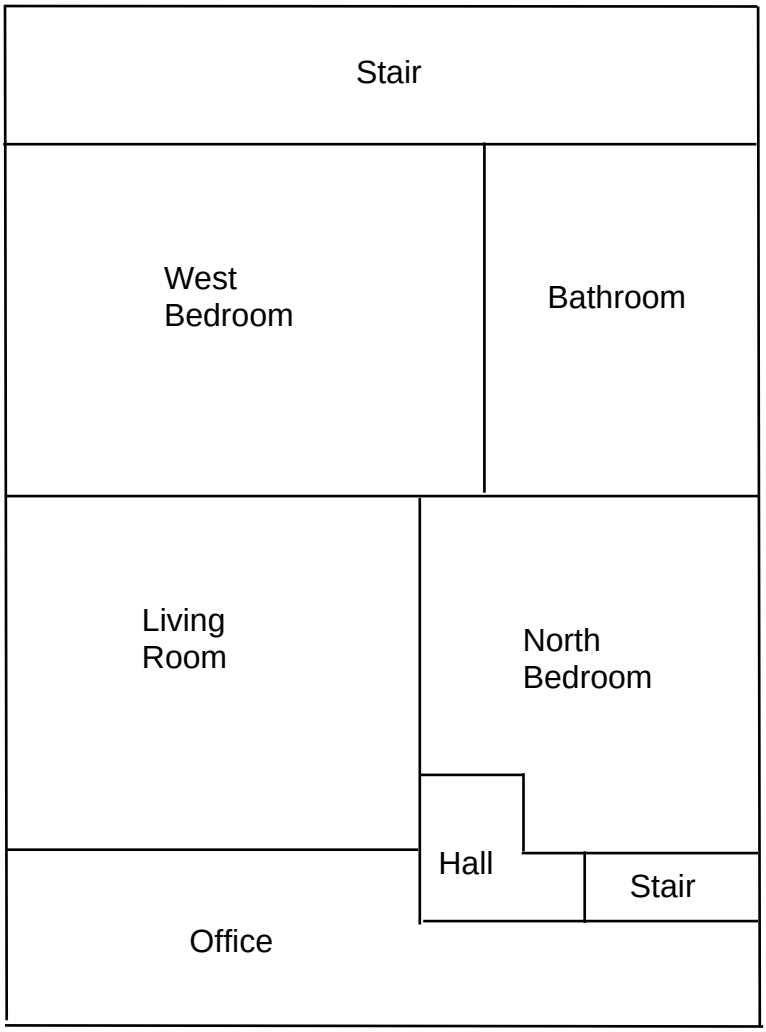
N



One Family Dwelling
6350 28th Avenue
Kenosha, Wisconsin

2nd Floor Plan

N



D. 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

Tony Evers
Governor

Andrea Palm
Secretary

State of Wisconsin
Department of Health Services

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

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

February 5, 2019

DAMIAN SCOTT ROGOWSKI
3536 COUNTY ROAD H
FRANKSVILLE WI 53126-9211

ID# AII-161300

Congratulations! Your new Wisconsin certification card is enclosed. Please look it over and 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

COPY

City of Kenosha

General Location Map

28TH AVE

29TH AVE

64TH ST

27TH AVE

Subject Property: 01-122-01-153-019
6350 28th Avenue

0 100
Feet

DCDI ~ Community Development Division ~ JBL ~ ZK ~ April 23, 2019 ~ mc