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. 14-18

ISSUED: Tuesday, July 3, 2018

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, July 24, 2018 @ 2:30 P.M.

PROPOSAL OPENING. Tuesday, July 24, 2018 @ 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: **5500 8th Avenue**
Parcel No.: 12-223-31-439-008
Description: One story concrete commercial building constructed in 1942 with approximately 9,760 square feet with a basement.

Address: **5715-21 13th Avenue**
Parcel No.: 12-223-31-455-011
Description: Two story, two unit residential wood framed structure constructed in 1880 with approximately 2,424 square feet and a basement and attic.

Address: **6037-39 22nd Avenue**
Parcel No.: 05-123-06-228-015
Description: Two story, four unit residential wood framed structure constructed in 1920 with approximately 2,708 square feet and a basement and attic.

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 **July 10, 2018, at 10:00 a.m.** 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. **THE SECOND FLOOR OF 5715-21 13th AVENUE CAN ONLY BE ACCESSED FROM THE EXTERIOR OF THE BUILDING VIA A LADDER.**

Inspections will commence at **5500 8th Avenue. THERE IS MOLD IN THIS PROPERTY SO A RESPIRATOR IS RECOMMENDED.**

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 and Universal Wastes, 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.

5500 8th Avenue — Address
12-223-31-439-008 — Tax Parcel No.

$_____ — Dollar Amount
_____ — Written Dollar Amount

5715-21 13th Avenue — Address
12-223-31-455-011 — Tax Parcel No.

$_____ — Dollar Amount
_____ — Written Dollar Amount

6037-39 22nd Avenue — Address
05-123-06-228-015 — 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.

Include:

5500 8th Avenue, 5715-21 13th Avenue, 6037-39 22nd Avenue
Remove and dispose of all Category I, Category II and RACM materials and Universal Wastes, raze and remove all debris from the entire structures including basement walls and floors, 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.

5500 8th Avenue
1. Remove two (2) concrete driveway approaches on east and north sides of parcel and replace with full head concrete curb & gutter.
2. Remove private concrete sidewalk abutting building on west and east side of building.
3. Remove TV antenna.
4. Remove metal rail on west side of building.
5. Remove two (2) parking lot signs on eastern and northern edge of the parcel.
6. DO NOT REMOVE retaining walls and sidewalk on southern and western edge of the parcel.
7. Install six (6') foot high chain link fencing around site.

5715-21 13th Avenue
1. Remove two (2) concrete driveway approaches on west side of parcel and replace with full head concrete curb & gutter.
2. Remove private concrete sidewalk surrounding building and all concrete/asphalt paved area on north side of building.
3. Remove all fencing and debris outside of building.

6037-39 22nd Avenue
1. Remove two (2) concrete driveway approaches on west and south sides of parcel and replace with full head concrete curb & gutter.
2. Remove private concrete sidewalk abutting building on west, south and east sides.
3. Remove asphalt parking area on south side of building and gravel driveway on north side of building.
4. Remove metal shed.
5. Remove all trees.

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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 Waste is 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 forty-five (45) 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 WASTES, RAZE STRUCTURE(S) AND RESTORE LOT(S)

PROJECT NO. 14-18

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 wastes, 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 (R.A.C.M.), 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: **5500 8th Avenue**
Parcel No.: 12-223-31-439-008
Description: One story concrete commercial building constructed in 1942 with approximately 9,760 square feet with a basement.

Address: **5715-21 13th Avenue**
Parcel No.: 12-223-31-455-011
Description: Two story, two unit residential wood framed structure constructed in 1880 with approximately 2,424 square feet and a basement and attic.

Address: **6037-39 22nd Avenue**
Parcel No.: 05-123-06-228-015
Description: Two story, four unit residential wood framed structure constructed in 1920 with approximately 2,708 square feet and a basement and attic.

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 forty-five (45) 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 _____, 2018, John M. Antaramian, Mayor, and Debra Salas, City Clerk/Treasurer of the City of Kenosha, Wisconsin, a Wisconsin municipal corporation, to me known to be such Mayor and City Clerk/Treasurer of said municipal corporation, and acknowledged to me that they executed the foregoing instrument as such officers as the Contract of said municipal corporation, by its authority.

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

BY:_____

Date: _____

STATE OF WISCONSIN)
:SS.
COUNTY OF)

Personally came before me this_____ day of _____ , 2018 ,
, 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. 14-18

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. 14-18

CHANGE ORDER

Project Number: 14-18

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: John M. Antaramian
Date:_____	Date:_____

PROJECT NO. 14-18

AFFIDAVIT RESPECTING
CONSTRUCTION LIEN WAIVERS/RELEASES

STATE OF _____)
:SS
COUNTY OF _____)

Project Number: 14-18

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_____.

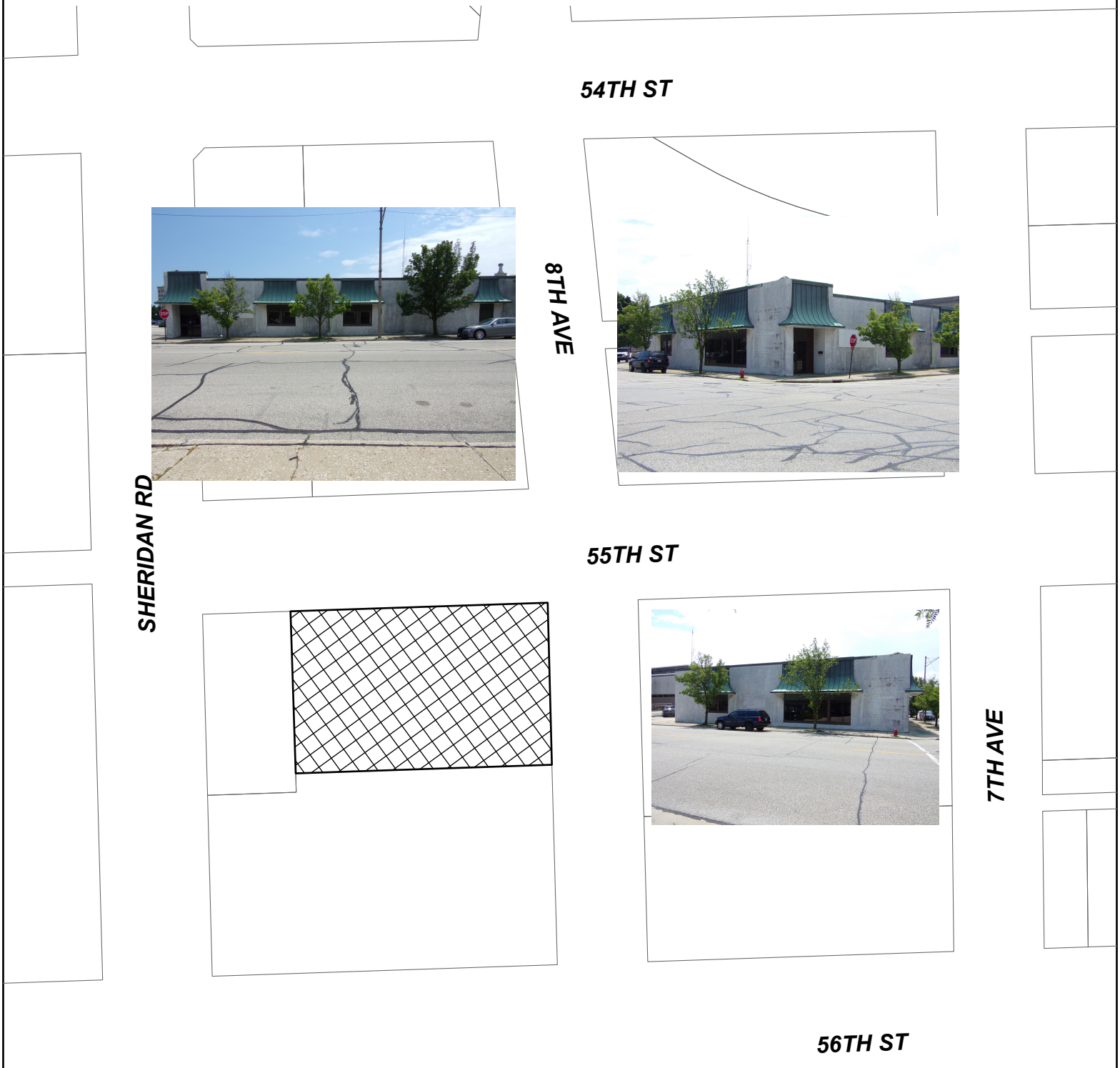
_____
Signature

_____
Print Name

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

City of Kenosha

General Location Map



Subject Property: 5500 8th Avenue
PIN: 12-223-31-439-008

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Feet

DCDI ~ Community Development Division ~ JBL ~ ZK ~ June 27, 2018 ~ mc

PRE-DEMOLITION INSPECTION REPORT
Job Site:

Commercial Building
5500 8th 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 # 18-400-001.5500

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

KPH Environmental
1237 West Bruce Street
Milwaukee, Wisconsin 53204

June 2018

TABLE OF CONTENTS

Pre-Demolition Inspection Report
5500 8th 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 commercial at 5500 8th 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 for laboratory analysis.

Asbestos was detected above the regulatory level of 1% in 12" black and green floor tile, tan and orange linoleum, white sink undercoat, red duct caulk, 1st floor black panel mastic, black sink undercoat, basement black panel mastic, built up roofing, roof flashing.

Under state and federal laws, the tan and orange linoleum, white sink undercoat, red duct caulk, black sink undercoat, and black panel mastic likely have to be abated prior to demolition. The built up roofing, roof flashing, 12" black and green 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 in 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 duplex 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 5500 8th Avenue, Kenosha, Wisconsin, was conducted on May 31, 2018, to cover the items listed above. The inspection was conducted by Dean Jacobsen, Wisconsin Asbestos Inspector License No. 14370. Additional information on the inspection and results are contained in the following sections.

II. ASEBSTOS INSPECTION

A. Methods

This asbestos inspection included a visual determination as to the extent of visible and accessible suspect materials 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:

- Stucco
- Caulk
- Cement panel
- Tar
- Ceiling tile
- Vinyl wallbase/mastic
- Drywall/joint compound
- Floor tile/mastic
- Sink undercoat
- Linoleum/mastic
- Ceramic tile
- False brick
- Pipe insulation fitting
- Plaster

- Asphalt roofing
- 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 CEI Labs, Inc., 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
1Aa	Exterior – west center wall – stucco skim coat	Negative	STC
1Ab	Exterior – west center wall – stucco base coat	Negative	STC
1Ba	Exterior – northwest wall – stucco skim coat	Negative	STC
1Bb	Exterior – northwest wall – stucco base coat	Negative	STC
1Ca	Exterior – northeast wall – stucco skim coat	Negative	STC
1Cb	Exterior – northeast wall – stucco base coat	Negative	STC
1Da	Exterior – southeast wall – stucco skim coat	Negative	STC
1Db	Exterior – southeast wall – stucco base coat	Negative	STC
1Ea	Exterior – southwest wall – stucco skim coat	Negative	STC
1Eb	Exterior – southwest wall – stucco base coat	Negative	STC
2A	Exterior – at west door – brown caulk	Negative	MCLKn
2B	Exterior – at northwest window – brown caulk	Negative	MCLKn
2C	Exterior – at northeast window – brown caulk	Negative	MCLKn
3A	Exterior – above west door – white caulk	Negative	MCLKw
3B	Exterior – above northwest window – white caulk	Negative	MCLKw

Sample #	Location and Description	Results	Homogeneous Code
3C	Exterior – above northeast window – white caulk	Negative	MCLKw
4A	Exterior – above northwest window – cement panel	Negative	MCP
4B	Exterior – above northeast window – cement panel	Negative	MCP
4C	Exterior – above south window – cement panel	Negative	MCP
5A	Exterior – at base of north wall – black tar	Positive 3% Chrysotile	MTar
5A	Point Count Result	Trace 0.25% Chrysotile	MTar
5B	Not Analyzed Due to Prior Positive Sample	N/A	MTar
5C	Not Analyzed Due to Prior Positive Sample	N/A	MTar
6A	Exterior – on north window eave – clear caulk	Negative	MCLKc
6B	Exterior – on south window eave – clear caulk	Negative	MCLKc
6C	Exterior – on south window eave – clear caulk	Negative	MCLKc
7A	1st floor – center hall west side – 2’ x 4’ textured ceiling tile	Negative	MSCT24T
7B	1st floor – south offices northeast – 2’ x 4’ textured ceiling tile	Negative	MSCT24T
7C	Basement – offices northwest – 2’ x 4’ textured ceiling tile	Negative	MSCT24T
8A	1st floor – west entry – above 2’ x 4’ ceiling tile – 1’ x 3’ ceiling tile	Negative	MSCT13
8B	1st floor – south offices northeast – above 2’ x 4’ ceiling tile – 1’ x 3’ ceiling tile	Negative	MSCT13
8C	1st floor – south offices room F – above 2’ x 4’ ceiling tile – 1’ x 3’ ceiling tile	Negative	MSCT13
9Aa	1st floor – center hall west side – 6” brown vinyl wallbase	Negative	MV6n
9Ab	1st floor – center hall west side – under 6” brown vinyl wallbase – brown mastic	Negative	MV6n
9Ba	1st floor – center hall near men’s restroom – 6” brown vinyl wallbase	Negative	MV6n
9Bb	1st floor – center hall near men’s restroom – under 6” brown vinyl wallbase – brown mastic	Negative	MV6n
9Ca	1st floor – center hall near men’s restroom – 6” brown vinyl wallbase	Negative	MV6n
9Cb	1st floor – center hall near men’s restroom – under 6” brown vinyl wallbase – brown mastic	Negative	MV6n
10A	1st floor – north conference room – north wall – drywall/joint compound	Negative	MDW
10B	1st floor – south offices hall – south wall – drywall/joint compound	Negative	MDW
10C	Basement – west office – east wall – drywall/joint compound	Negative	MDW
11Aa	1st floor – northwest break room – east side – 12” beige floor tile	Negative	MF12e
11Ab	1st floor – northwest break room – east side – under 12” beige floor tile – yellow mastic	Negative	MF12e
11Ac	1st floor – northwest break room – east side – under 12” yellow mastic – leveling compound	Negative	MF12e
11Ba	1st floor – northwest break room – center – 12” beige floor tile	Negative	MF12e

Sample #	Location and Description	Results	Homogeneous Code
11Bb	1st floor – northwest break room – center – under 12" beige floor tile – yellow mastic	Negative	MF12e
11Bc	1st floor – northwest break room – center – under 12" yellow mastic – leveling compound	Negative	MF12e
11Ca	1st floor – northwest break room – west side – 12" beige floor tile	Negative	MF12e
11Cb	1st floor – northwest break room – west side – under 12" beige floor tile – yellow mastic	Negative	MF12e
11Cc	1st floor – northwest break room – west side – under 12" yellow mastic – leveling compound	Negative	MF12e
12A	**1st floor – northwest break room – black undercoat**	**Positive 3% Chrysotile**	**MSUk**
12A	**Point Count Result**	**Positive 1.4% Chrysotile**	**MSUk**
12B	Not Analyzed Due to Prior Positive Sample	N/A	MSUk
12C	Not Analyzed Due to Prior Positive Sample	N/A	MSUk
13Aa	**1st floor – north offices hall – under carpet – 12" black and green floor tile**	**Positive 10% Chrysotile**	**MF12kg**
13Ab	1st floor – north offices hall – under 12" black and green floor tile – black mastic	Negative	MF12kg
13Ba	Not Analyzed Due to Prior Positive Sample	N/A	MF12kg
13Bb	1st floor – center hall northeast – under 12" black and green floor tile – black mastic	Negative	MF12kg
13Ca	Not Analyzed Due to Prior Positive Sample	N/A	MF12kg
13Cb	1st floor – south offices room M – under 12" black and green floor tile – black mastic	Negative	MF12kg
14Aa	1st floor – north conference room – 4" gray vinyl wallbase	Negative	MV4y
14Ab	1st floor – north conference room – under 4" gray vinyl wallbase – tan mastic	Negative	MV4y
14Ba	1st floor – north offices hall – 4" gray vinyl wallbase	Negative	MV4y
14Bb	1st floor – north offices hall – under 4" gray vinyl wallbase – tan mastic	Negative	MV4y
14Ca	1st floor – north offices reception area – 4" gray vinyl wallbase	Negative	MV4y
14Cb	1st floor – north offices reception area – under 4" gray vinyl wallbase – tan mastic	Negative	MV4y
15Aa	**1st floor – north utility room – south side – tan and orange linoleum**	**Positive 25% Chrysotile**	**MFLto**
15Ab	1st floor – north utility room – south side – under tan and orange linoleum – yellow mastic	Negative	MFLto
15Ba	Not Analyzed Due to Prior Positive Sample	N/A	MFLto
15Bb	1st floor – north utility room – center – under tan and orange linoleum – yellow mastic	Negative	MFLto
15Ca	Not Analyzed Due to Prior Positive Sample	N/A	MFLto
15Cb	1st floor – north reception area 2nd layer – under tan and orange linoleum – yellow mastic	Negative	MFLto
16Aa	1st floor – north reception area top layer – east side – 12" blue floor tile	Negative	MF12b
16Ab	1st floor – north reception area top layer – east side – under 12" blue floor tile – tan mastic	Negative	MF12b

Sample #	Location and Description	Results	Homogeneous Code
16Ba	1st floor – north reception area top layer – center – 12" blue floor tile	Negative	MF12b
16Bb	1st floor – north reception area top layer – center – under 12" blue floor tile – tan mastic	Negative	MF12b
16Ca	1st floor – north reception area top layer – west side – 12" blue floor tile	Negative	MF12b
16Cb	1st floor – north reception area top layer – west side – under 12" blue floor tile – tan mastic	Negative	MF12b
17Aa	**1st floor – north office – west side on end of ceiling duct – red caulk**	**Positive 2% Chrysotile**	**MCLKr**
17Aa	**Point Count Result**	**Positive 1.4% Chrysotile**	**MCLKr**
17Ab	1st floor – north office – west side on end of ceiling duct – beige caulk	Negative	MCLKe
17B	Not Analyzed Due to Prior Positive Sample	N/A	MCLKre
17C	Not Analyzed Due to Prior Positive Sample	N/A	MCLKre
18Aa	1st floor – northeast entry floor – red ceramic tile	Negative	MCTMr
18Ab	1st floor – northeast entry floor – grout/mortar	Negative	MCTMr
18Ba	1st floor – northeast entry floor – red ceramic tile	Negative	MCTMr
18Bb	1st floor – northeast entry floor – grout/mortar	Negative	MCTMr
18Ca	1st floor – south offices restroom floor – red ceramic tile	Negative	MCTMr
18Cb	1st floor – south offices restroom floor – grout/mortar	Negative	MCTMr
19Aa	1st floor – south offices room M – on south wall – false brick	Negative	MFBR
19Ab	1st floor – south offices room M – on south wall – grout	Negative	MFBR
19Ac	1st floor – south offices room M – on south wall – under false brick – yellow mastic	Negative	MFBR
19Ba	1st floor – south offices room M – on south wall – false brick	Negative	MFBR
19Bb	1st floor – south offices room M – on south wall – grout	Negative	MFBR
19Bc	1st floor – south offices room M – on south wall – under false brick – yellow mastic	Negative	MFBR
19Ca	1st floor – south offices room N – on south wall – false brick	Negative	MFBR
19Cb	1st floor – south offices room N – on south wall – grout	Negative	MFBR
19Cc	1st floor – south offices room N – on south wall – under false brick – yellow mastic	Negative	MFBR
20A	1st floor – south offices room N – 2' x 2' textured ceiling tile	Negative	MSCT22T
20B	1st floor – south offices room M north side – 2' x 2' textured ceiling tile	Negative	MSCT22T
20C	1st floor – south offices room M south side – 2' x 2' textured ceiling tile	Negative	MSCT22T
21A	**1st floor – south offices room L – on east wall under wood panel – black mastic**	**Positive 3% Chrysotile**	**MPMk**
21A	**Point Count Result**	**Positive 1.1% Chrysotile**	**MPMk**
21B	Not Analyzed Due to Prior Positive Sample	N/A	MPMk
21C	Not Analyzed Due to Prior Positive Sample	N/A	MPMk
22A	1st floor – south offices restroom – 2' x 4' drywall type ceiling tile	Negative	MSCT24DW

Sample #	Location and Description	Results	Homogeneous Code
22B	1st floor – southwest men's restroom – 2' x 4' drywall type ceiling tile	Negative	MSCT24DW
22C	1st floor – southwest women's restroom – 2' x 4' drywall type ceiling tile	Negative	MSCT24DW
23A	1st floor – south offices – above restroom ceiling - <5" diameter pipe insulation fitting	Negative	TF5
23B	Basement – west office – above ceiling - <5" diameter pipe insulation fitting	Negative	TF5
23C	Basement – storage rooms - <5" diameter pipe insulation fitting	Negative	TF5
24A	**1st floor – south offices – center break area – on sink – white undercoat**	**Positive 5% Chrysotile**	**MSUw**
24B	Not Analyzed Due to Prior Positive Sample	N/A	MSUw
24C	Not Analyzed Due to Prior Positive Sample	N/A	MSUw
25Aa	1st floor – south offices room F – 4" brown vinyl wallbase	Negative	MV4n
25Ab	1st floor – south offices room F – under 4" brown vinyl wallbase – tan mastic	Negative	MV4n
25Ba	1st floor – south offices room E – 4" brown vinyl wallbase	Negative	MV4n
25Bb	1st floor – south offices room E – under 4" brown vinyl wallbase – tan mastic	Negative	MV4n
25Ca	1st floor – south offices southwest room – 4" brown vinyl wallbase	Negative	MV4n
25Cb	1st floor – south offices southwest room – under 4" brown vinyl wallbase – tan mastic	Negative	MV4n
26Aa	1st floor – southwest men's restroom floor – near door – white and pink ceramic tile	Negative	MCTMwp
26Ab	1st floor – southwest men's restroom floor – near door – under white and pink ceramic tile – yellow mastic	Negative	MCTMwp
26Ac	1st floor – southwest men's restroom floor – near door – under white and pink ceramic tile – grout	Negative	MCTMwp
26Ba	1st floor – southwest men's restroom floor – south side – white and pink ceramic tile	Negative	MCTMwp
26Bb	1st floor – southwest men's restroom floor – south side – under white and pink ceramic tile – yellow mastic	Negative	MCTMwp
26Bc	1st floor – southwest men's restroom floor – south side – under white and pink ceramic tile – grout	Negative	MCTMwp
26Ca	1st floor – southwest men's restroom floor – west side – white and pink ceramic tile	Negative	MCTMwp
26Cb	1st floor – southwest men's restroom floor – west side – under white and pink ceramic tile – yellow mastic	Negative	MCTMwp
26Cc	1st floor – southwest men's restroom floor – west side – under white and pink ceramic tile – grout	Negative	MCTMwp
27Aa	1st floor – southwest men's restroom – on north wall – gold ceramic tile	Negative	MCTMd
27Ab	1st floor – southwest men's restroom – on north wall – under gold ceramic tile – yellow mastic	Negative	MCTMd
27Ac	1st floor – southwest men's restroom – on north wall – grout	Negative	MCTMd
27Ba	1st floor – southwest men's restroom – on east wall – gold ceramic tile	Negative	MCTMd

Sample #	Location and Description	Results	Homogeneous Code
27Bb	1st floor – southwest men's restroom – on east wall – under gold ceramic tile – yellow mastic	Negative	MCTMd
27Bc	1st floor – southwest men's restroom – on east wall – grout	Negative	MCTMd
27Ca	1st floor – southwest women's restroom – on north wall – gold ceramic tile	Negative	MCTMd
27Cb	1st floor – southwest women's restroom – on north wall – under gold ceramic tile – yellow mastic	Negative	MCTMd
27Cc	1st floor – southwest women's restroom – on north wall – grout	Negative	MCTMd
28A	1st floor – west janitor's closet – 2' x 4' pinholed ceiling tile	Negative	MSCT24P
28B	1st floor – west janitor's closet – 2' x 4' pinholed ceiling tile	Negative	MSCT24P
28C	1st floor – west janitor's closet – 2' x 4' pinholed ceiling tile	Negative	MSCT24P
29Aa	1st floor – southwest women's restroom floor – near door – gray ceramic tile	Negative	MCTMy
29Ab	1st floor – southwest women's restroom floor – near door – grout	Negative	MCTMy
29Ac	1st floor – southwest women's restroom floor – near door – under gray ceramic tile – mortar	Negative	MCTMy
29Ad	1st floor – southwest women's restroom floor – near door – under mortar – felt paper	Negative	MCTMy
29Ba	1st floor – southwest women's restroom floor – center – gray ceramic tile	Negative	MCTMy
29Bb	1st floor – southwest women's restroom floor – center – grout	Negative	MCTMy
29Bc	1st floor – southwest women's restroom floor – center – under gray ceramic tile – mortar	Negative	MCTMy
29Ca	1st floor – southwest women's restroom floor – south side – gray ceramic tile	Negative	MCTMy
29Cb	1st floor – southwest women's restroom floor – south side – grout	Negative	MCTMy
29Cc	1st floor – southwest women's restroom floor – south side – under gray ceramic tile – mortar	Negative	MCTMy
29Cd	1st floor – southwest women's restroom floor – south side – under mortar – felt paper	Negative	MCTMy
30A	Basement – northwest office – under carpet – yellow mastic	Negative	MCMl
30B	Basement – northeast office – under carpet – yellow mastic	Negative	MCMl
30C	Basement – north stair landing – under carpet – yellow mastic	Negative	MCMl
31A	**Basement – southeast office – on east wall under wood panel – black mastic #2**	**Positive 3% Chrysotile**	**MPMk2**
31A	**Point Count Result**	**Positive 1.3% Chrysotile**	**MPMk2**
31B	Not Analyzed Due to Prior Positive Sample	N/A	MPMk2
31C	Not Analyzed Due to Prior Positive Sample	N/A	MPMk2
32Aa	Basement – west restroom wallbase – beige ceramic tile	Negative	MCTMe

Sample #	Location and Description	Results	Homogeneous Code
32Ab	Basement – west restroom wallbase – under beige ceramic tile – yellow mastic	Negative	MCTMe
32Ac	Basement – west restroom wallbase – grout	Negative	MCTMe
32Ba	Basement – west restroom wallbase – beige ceramic tile	Negative	MCTMe
32Bb	Basement – west restroom wallbase – under beige ceramic tile – yellow mastic	Negative	MCTMe
32Bc	Basement – west restroom wallbase – grout	Negative	MCTMe
32Ca	Basement – east restroom wallbase – beige ceramic tile	Negative	MCTMe
32Cb	Basement – east restroom wallbase – under beige ceramic tile – yellow mastic	Negative	MCTMe
32Cc	Basement – east restroom wallbase – grout	Negative	MCTMe
33A	Basement – mechanical room – on southwest duct seam – brown mastic	Negative	MDMn
33B	Basement – mechanical room – on southwest duct seam – brown mastic	Negative	MDMn
33C	Basement – mechanical room – on southwest duct seam – brown mastic	Negative	MDMn
34Aa	1st floor – south offices room K – south wall under drywall and styrofoam – plaster skim coat	Negative	SPl
34Ab	1st floor – south offices room K – south wall under drywall and styrofoam – plaster base coat	Negative	SPl
34Ba	1st floor – south offices room L – south wall under drywall and styrofoam – plaster skim coat	Negative	SPl
34Bb	1st floor – south offices room L – south wall under drywall and styrofoam – plaster base coat	Negative	SPl
34Ca	1st floor – south offices room E – south wall under drywall and styrofoam – plaster skim coat	Negative	SPl
34Cb	1st floor – south offices room E – south wall under drywall and styrofoam – plaster base coat	Negative	SPl
34Da	1st floor – north offices northeast room – north wall under drywall and styrofoam – plaster skim coat	Negative	SPl
34Db	1st floor – north offices northeast room – north wall under drywall and styrofoam – plaster base coat	Negative	SPl
34Ea	1st floor – north offices northwest room – north wall under drywall and styrofoam – plaster skim coat	Negative	SPl
34Eb	1st floor – north offices northwest room – north wall under drywall and styrofoam – plaster base coat	Negative	SPl
35A	1st floor – south offices room K – south wall under plaster – on block – tar coating	Negative	MTC
35B	1st floor – south offices room L – south wall under plaster – on block – tar coating	Negative	MTC
35C	1st floor – south offices room E – south wall under plaster – on block – tar coating	Negative	MTC
36Aa	Roof – southwest top layer – white membrane	Negative	MRM
36Ab	**Roof – southwest bottom layer – black built up roofing**	**Positive 3% Chrysotile**	**MRM**
36Ab	**Point Count Result**	**Positive 1.1% Chrysotile**	**MRM**
36B	Not Analyzed Due to Prior Positive Sample	N/A	MRM
36C	Not Analyzed Due to Prior Positive Sample	N/A	MRM
37Aa	Roof – around northeast roof vent – white coating	Negative	MRF

Sample #	Location and Description	Results	Homogeneous Code
37Ab	**Roof – around northeast roof vent – black flashing**	**Positive 3% Chrysotile**	**MRF**
37Ab	**Point Count Result**	**Positive 8.1% Chrysotile**	**MRF**
37B	Not Analyzed Due to Prior Positive Sample	N/A	MRF
37C	Not Analyzed Due to Prior Positive Sample	N/A	MRF

Homogeneous Material Codes

SPl	Plaster
STC	Stucco
MCLKn	Black Caulk
MCLKw	White Caulk
MCLKc	Clear Caulk
MCLKr	Red Caulk
MCLKe	Beige Caulk
MCP	Cement Panel
MTar	Tar
MSCT24T	2’ x 4’ Textured Ceiling Tile
MSCT24DW	2’ x 4’ Drywall Type Ceiling Tile
MSCT24P	2’ x 4’ Pinholed Ceiling Tile
MSCT13	1’ x 3’ Ceiling Tile
MSCT22T	2’ x 2’ Ceiling Tile
MV6n	6” Brown Vinyl Wallbase
MV4y	4” Gray Vinyl Wallbase
MV4n	4” Brown Vinyl Wallbase
MDW	Drywall/Joint Compound
MF12e	12” Beige Floor Tile
MF12kg	12” Black & Green Floor Tile
MF12b	12” Blue Floor Tile
MSUk	Black Sink Undercoat
MSUw	White Sink Undercoat
MFLto	Tan & Orange Linoleum
MCTMr	Red Ceramic Tile
MCTMwp	White & Pink Ceramic Tile
MCTMd	Gold Ceramic Tile
MCTMy	Gray Ceramic Tile
MCTMe	Beige Ceramic Tile
MFBR	False Brick
MPMk	Black Wall Panel Mastic 1st Floor
MPMk2	Black Wall Panel Mastic Basement
MCMl	Yellow Carpet Mastic
MDMn	Brown Duct Mastic
MTC	Tar Coating
MRM	Built up Roofing
MRF	Roof Flashing
TF5	<5” Diameter Pipe Insulation Fitting

E. Asbestos Locations and Quantities

Nine (9) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM).

Material	Homogeneous Code	Location	Approximate Quantity	Condition
12" Black & Green Floor Tile	MF12kg	1st Floor North Offices Under Carpet 1st Floor South Offices Under Carpet	8,500 SF	Fair
Tan & Orange Linoleum	MFLto	1st Floor North Utility Room 1st Floor North Reception Area Under 12" Blue Floor Tile	300 SF	Good
Red Caulk	MCLKr	1st Floor North & South Offices on Ends of Metal Ducts Above Ceiling Tiles	40 Ducts, 2 SF Each	Good
White Sink Undercoat	MSUw	1st Floor South Offices Break Area Sink	1 Sink	Good
Black Sink Undercoat	MSUw	1st Floor Northwest Breakroom Sink	1 Sink	Good
Black Wall Panel Mastic	MPMk	1st Floor South Offices Rooms K & L West & East Walls Under Wood Panels	300 SF	Good
Black Wall Panel Mastic #2	MPMk2	Basement East Offices on East Wall Under Wood Panels	600 SF	Good
Built up Asphalt Roofing	MRM	Roof Over Entire Building on Wood	11,000 SF	Good
Roof Flashing	MRF	Roof At Pipe Penetrations, Air Conditioners, & Seams on Roof Edging	220 SF	Good

The tan and orange linoleum is a friable asbestos containing material. It was in good condition at the time of the inspection and meets the definition of a regulated asbestos containing material (RACM) under NR 447 of the Wisconsin Administrative Code.

The red caulk, white sink undercoat, black sink undercoat, and black wall panel mastics are category II non-friable asbestos containing materials. They were in good (non-friable) condition at the time of the inspection. If they become crumbled, pulverized or reduced to powder during demolition they will become RACM as defined under NR 447.

The built up roofing, roof flashing, and 12" black and green floor tile are category I non-friable asbestos containing materials. They were in fair to good (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	Basement Electrical Boxes	15 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 duplex at 5500 8th Avenue, Kenosha, Wisconsin, took place on May 31, 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 29CFR 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: Commercial building at 5500 8th Avenue, Kenosha, Wisconsin

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

Exterior: Commercial building at 5500 8th Avenue, 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	1st Floor Janitor's Closet	Floor	Concrete	Gray	0.0053
P2	Basement South Stair	South Wall	Block	Yellow	0.035
P3	Basement West Restroom	North Wall	Concrete	Yellow	0.023
P4	Basement Utility Room	East Wall	Concrete	Yellow	0.11
P5	Basement Utility Room	Ceiling	Concrete	White	0.11
P6	Basement Utility Room	Floor	Concrete	Gray	0.026
P7	Basement Mechanical Room	North Wall	Block	White	<0.0036

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
Exit Signs-Mercury	1st Floor, Basement	4
HID Bulbs-Mercury	Exterior	5

Material	Location	Approximate Quantity
Gauges-Mercury	1st Floor Janitor's Closet, Basement Utility Room	3
Electric Meter-Mercury	Basement Utility Room	13
Thermostat-Mercury	1st Floor, Basement	32
Fluorescent Bulbs-Mercury	Exterior, 1st Floor, Basement	13 Compact, 550 Tubes
Fluorescent Ballasts-PCB	1st Floor, Basement	135
Water Cooler-CFC	1st Floor North Offices	1
Drinking Fountain-CFC	1st Floor Center Hall	1
Air Conditioner-CFC	Roof	8
Fire Extinguisher-CFC	1st Floor, Basement	10

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

June 13, 2018

KPH Environmental Corp
1237 W Bruce St
Milwaukee, WI 53204

CLIENT PROJECT: Kenosha; 18-400-001.5500
CEI LAB CODE: B18-5191

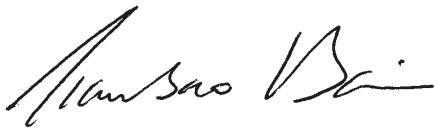
Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on June 11, 2018. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% asbestos by weight as determined by visual estimation.

Thank you for your business and we look forward to continuing good relations. If you have any questions, please feel free to call our office at 919-481-1413.

Kind Regards,



Tianbao Bai, Ph.D., CIH
Laboratory Director

NVLAP TESTING
NVLAP LAB CODE 101768-0

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ASBESTOS ANALYTICAL REPORT
By: Polarized Light Microscopy

Prepared for

KPH Environmental Corp

CLIENT PROJECT: Kenosha; 18-400-001.5500

LAB CODE: B18-5191

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

REPORT DATE: 06/13/18

TOTAL SAMPLES ANALYZED: 97

SAMPLES >1% ASBESTOS: 10

TEL: 866-481-1412

www.ceilabs.com

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.5500 **LAB CODE:** B18-5191

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
1A	Layer 1	B51553	White	Stucco Skim Coat	None Detected
	Layer 2	B51553	Gray	Stucco Base Coat	None Detected
1B	Layer 1	B51554	White	Stucco Skim Coat	None Detected
	Layer 2	B51554	Gray	Stucco Base Coat	None Detected
1C	Layer 1	B51555	White	Stucco Skim Coat	None Detected
	Layer 2	B51555	Gray	Stucco Base Coat	None Detected
1D	Layer 1	B51556	White	Stucco Skim Coat	None Detected
	Layer 2	B51556	Gray	Stucco Base Coat	None Detected
1E	Layer 1	B51557	White	Stucco Skim Coat	None Detected
	Layer 2	B51557	Gray	Stucco Base Coat	None Detected
2A		B51558	Black	Caulk	None Detected
2B		B51559	Black	Caulk	None Detected
2C		B51560	Black	Caulk	None Detected
3A		B51561	White	Caulk	None Detected
3B		B51562	White	Caulk	None Detected
3C		B51563	White	Caulk	None Detected
4A		B51564	Gray,White	Panel	None Detected
4B		B51565	Gray,White	Panel	None Detected
4C		B51566	Gray,White	Panel	None Detected
5A		B51567	Black	Tar	Chrysotile 3%
5B		B51568		Sample Not Analyzed per COC	
5C		B51569		Sample Not Analyzed per COC	
6A		B51570	White	Caulk	None Detected
6B		B51571	White	Caulk	None Detected
6C		B51572	White	Caulk	None Detected
7A		B51573	Off-white,Silver	Tile	None Detected
7B		B51574	Off-white,Silver	Tile	None Detected
7C		B51575	Off-white,Silver	Tile	None Detected
8A		B51576	Brown	Tile	None Detected
8B		B51577	Brown	Tile	None Detected
8C		B51578	Brown	Tile	None Detected

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.5500 **LAB CODE:** B18-5191

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
9A		B51579A	Brown	Wallbase	None Detected
		B51579B	Brown	Mastic	None Detected
9B		B51580A	Brown	Wallbase	None Detected
		B51580B	Brown	Mastic	None Detected
9C		B51581A	Brown	Wallbase	None Detected
		B51581B	Brown	Mastic	None Detected
10A		B51582	White	Drywall/Joint Compound	None Detected
10B		B51583	White	Drywall/Joint Compound	None Detected
10C		B51584	White	Drywall/Joint Compound	None Detected
11A		B51585A	White	Tile	None Detected
	Layer 1	B51585B	Yellow	Mastic	None Detected
	Layer 2	B51585B	Gray	Leveling Compound	None Detected
11B		B51586A	White	Tile	None Detected
	Layer 1	B51586B	Yellow	Mastic	None Detected
	Layer 2	B51586B	Gray	Leveling Compound	None Detected
11C		B51587A	White	Tile	None Detected
	Layer 1	B51587B	Yellow	Mastic	None Detected
	Layer 2	B51587B	Gray	Leveling Compound	None Detected
12A		B51588	Black	Undercoat	Chrysotile 3%
12B		B51589		Sample Not Analyzed per COC	
12C		B51590		Sample Not Analyzed per COC	
13A		B51591A	Tan	Tile	Chrysotile 10%
		B51591B	Black	Mastic	None Detected
13B		B51592A		Sample Not Analyzed per COC	
		B51592B	Black	Mastic	None Detected
13C		B51593A		Sample Not Analyzed per COC	
		B51593B	Black	Mastic	None Detected
14A		B51594A	Brown	Wall Base	None Detected
		B51594B	Tan	Mastic	None Detected
14B		B51595A	Brown	Wall Base	None Detected
		B51595B	Tan	Mastic	None Detected

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.5500 **LAB CODE:** B18-5191

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
14C		B51596A	Brown	Wall Base	None Detected
		B51596B	Tan	Mastic	None Detected
15A	Layer 1	B51597	Tan	Linoleum	Chrysotile 25%
	Layer 2	B51597	Yellow	Mastic	None Detected
15B		B51598		Sample Not Analyzed per COC	
15C		B51599		Sample Not Analyzed per COC	
16A		B51600A	Gray	Tile	None Detected
		B51600B	Tan	Mastic	None Detected
16B		B51601A	Gray	Tile	None Detected
		B51601B	Tan	Mastic	None Detected
16C		B51602A	Gray	Tile	None Detected
		B51602B	Tan	Mastic	None Detected
17A	Layer 1	B51603	Red	Caulk	Chrysotile 2%
	Layer 2	B51603	Cream	Caulk	None Detected
17B		B51604		Sample Not Analyzed per COC	
17C		B51605		Sample Not Analyzed per COC	
18A	Layer 1	B51606	Red	Tile	None Detected
	Layer 2	B51606	Gray	Grout	None Detected
18B	Layer 1	B51607	Red	Tile	None Detected
	Layer 2	B51607	Gray	Grout	None Detected
18C	Layer 1	B51608	Red	Tile	None Detected
	Layer 2	B51608	Gray	Grout	None Detected
19A	Layer 1	B51609	Red	Brick	None Detected
	Layer 2	B51609	Gray	Grout	None Detected
	Layer 3	B51609	Yellow	Mastic	None Detected
19B	Layer 1	B51610	Red	Brick	None Detected
	Layer 2	B51610	Gray	Grout	None Detected
	Layer 3	B51610	Yellow	Mastic	None Detected
19C	Layer 1	B51611	Red	Brick	None Detected
	Layer 2	B51611	Gray	Grout	None Detected
	Layer 3	B51611	Yellow	Mastic	None Detected

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.5500 **LAB CODE:** B18-5191

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
20A		B51612	White	Tile	None Detected
20B		B51613	White	Tile	None Detected
20C		B51614	White	Tile	None Detected
21A		B51615	Black	Mastic	Chrysotile 3%
21B		B51616		Sample Not Analyzed per COC	
21C		B51617		Sample Not Analyzed per COC	
22A		B51618	White	Tile	None Detected
22B		B51619	White	Tile	None Detected
22C		B51620	White	Tile	None Detected
23A		B51621	White	Insulation	None Detected
23B		B51622	White	Insulation	None Detected
23C		B51623	White	Insulation	None Detected
24A		B51624	Pink	UnderCoat	Chrysotile 5%
24B		B51625		Sample Not Analyzed per COC	
24C		B51626		Sample Not Analyzed per COC	
25A		B51627A	Brown	Wall Base	None Detected
		B51627B	Tan	Mastic	None Detected
25B		B51628A	Brown	Wall Base	None Detected
		B51628B	Tan	Mastic	None Detected
25C		B51629A	Brown	Wall Base	None Detected
		B51629B	Tan	Mastic	None Detected
26A		B51630A	Beige	Tile	None Detected
		B51630B	Tan	Tile	None Detected
		B51630C	White	Tile	None Detected
	Layer 1	B51630D	Yellow	Mastic	None Detected
	Layer 2	B51630D	Gray	Grout	None Detected
26B		B51631A	Beige	Tile	None Detected
		B51631B	Tan	Tile	None Detected
	Layer 1	B51631C	Yellow	Mastic	None Detected
	Layer 2	B51631C	Gray	Grout	None Detected
26C		B51632A	Beige	Tile	None Detected

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.5500 **LAB CODE:** B18-5191

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
	Layer 1	B51632B	Yellow	Mastic	None Detected
	Layer 2	B51632B	Gray	Grout	None Detected
27A		B51633A	Beige	Tile	None Detected
	Layer 1	B51633B	Yellow	Mastic	None Detected
	Layer 2	B51633B	Brown	Grout	None Detected
27B		B51634A	Beige	Tile	None Detected
	Layer 1	B51634B	Yellow	Mastic	None Detected
	Layer 2	B51634B	Brown	Grout	None Detected
27C		B51635A	Beige	Tile	None Detected
	Layer 1	B51635B	Yellow	Mastic	None Detected
	Layer 2	B51635B	Brown	Grout	None Detected
28A		B51636	Tan,White	Tile	None Detected
28B		B51637	Tan,White	Tile	None Detected
28C		B51638	Tan,White	Tile	None Detected
29A	Layer 1	B51639A	Beige	Tile	None Detected
	Layer 2	B51639A	Brown	Grout	None Detected
	Layer 3	B51639A	Gray	Grout	None Detected
		B51639B	Black,White	Felt Paper	None Detected
29B	Layer 1	B51640	Beige	Tile	None Detected
	Layer 2	B51640	Brown	Grout	None Detected
	Layer 3	B51640	Gray	Grout	None Detected
29C	Layer 1	B51641A	Beige	Tile	None Detected
	Layer 2	B51641A	Brown	Grout	None Detected
	Layer 3	B51641A	Gray	Grout	None Detected
		B51641B	Black,White	Felt Paper	None Detected
30A		B51642	Brown	Mastic	None Detected
30B		B51643	Brown	Mastic	None Detected
30C		B51644	Brown	Mastic	None Detected
31A		B51645	Black	Mastic	Chrysotile 3%
31B		B51646		Sample Not Analyzed per COC	
31C		B51647		Sample Not Analyzed per COC	

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Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.5500 **LAB CODE:** B18-5191

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
32A		B51648A	Beige	Tile	None Detected
	Layer 1	B51648B	Yellow	Mastic	None Detected
	Layer 2	B51648B	Brown	Grout	None Detected
32B		B51649A	Beige	Tile	None Detected
	Layer 1	B51649B	Yellow	Mastic	None Detected
	Layer 2	B51649B	Brown	Grout	None Detected
32C		B51650A	Beige	Tile	None Detected
	Layer 1	B51650B	Yellow	Mastic	None Detected
	Layer 2	B51650B	Brown	Grout	None Detected
33A		B51651	Brown,Silver	Mastic	None Detected
33B		B51652	Brown,Silver	Mastic	None Detected
33C		B51653	Brown,Silver	Mastic	None Detected
34A	Layer 1	B51654	White	Plaster Skim Coat	None Detected
	Layer 2	B51654	Gray	Plaster Base Coat	None Detected
34B	Layer 1	B51655	White	Plaster Skim Coat	None Detected
	Layer 2	B51655	Gray	Plaster Base Coat	None Detected
34C	Layer 1	B51656	White	Plaster Skim Coat	None Detected
	Layer 2	B51656	Gray	Plaster Base Coat	None Detected
34D	Layer 1	B51657	White	Plaster Skim Coat	None Detected
	Layer 2	B51657	Gray	Plaster Base Coat	None Detected
34E	Layer 1	B51658	White	Plaster Skim Coat	None Detected
	Layer 2	B51658	Gray	Plaster Base Coat	None Detected
35A		B51659	Black	Tar	None Detected
35B		B51660	Black	Tar	None Detected
35C		B51661	Black	Tar	None Detected
36A	Layer 1	B51662	White,Blue	Roofing	None Detected
	Layer 2	B51662	Black	Roofing	Chrysotile 3%
36B		B51663		Sample Not Analyzed per COC	
36C		B51664		Sample Not Analyzed per COC	
37A	Layer 1	B51665	White	Roofing	None Detected
	Layer 2	B51665	Black	Roofing	Chrysotile 3%

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.5500 **LAB CODE:** B18-5191

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
37B		B51666		Sample Not Analyzed per COC	
37C		B51667		Sample Not Analyzed per COC	

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ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

Lab Code: B18-5191
Date Received: 06-11-18
Date Analyzed: 06-13-18
Date Reported: 06-13-18

Project: Kenosha; 18-400-001.5500

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
1A Layer 1 B51553	Stucco Skim Coat	Heterogeneous White Fibrous Bound	3%	Fiberglass	65% 32%	Silicates Calc Carb	None Detected
Layer 2 B51553	Stucco Base Coat	Heterogeneous Gray Fibrous Bound	<1%	Fiberglass	80% 20%	Silicates Binder	None Detected
1B Layer 1 B51554	Stucco Skim Coat	Heterogeneous White Fibrous Bound	3%	Fiberglass	65% 32%	Silicates Calc Carb	None Detected
Layer 2 B51554	Stucco Base Coat	Heterogeneous Gray Fibrous Bound	<1%	Fiberglass	80% 20%	Silicates Binder	None Detected
1C Layer 1 B51555	Stucco Skim Coat	Heterogeneous White Fibrous Bound	3%	Fiberglass	65% 32%	Silicates Calc Carb	None Detected
Layer 2 B51555	Stucco Base Coat	Heterogeneous Gray Fibrous Bound	<1%	Fiberglass	80% 20%	Silicates Binder	None Detected
1D Layer 1 B51556	Stucco Skim Coat	Heterogeneous White Fibrous Bound	3%	Fiberglass	65% 32%	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: B18-5191
Date Received: 06-11-18
Date Analyzed: 06-13-18
Date Reported: 06-13-18

Project: Kenosha; 18-400-001.5500

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
Layer 2 B51556	Stucco Base Coat	Heterogeneous Gray Fibrous Bound	<1%	Fiberglass	80% 20%	Silicates Binder	None Detected
1E Layer 1 B51557	Stucco Skim Coat	Heterogeneous White Fibrous Bound	3%	Fiberglass	65% 32%	Silicates Calc Carb	None Detected
Layer 2 B51557	Stucco Base Coat	Heterogeneous Gray Fibrous Bound	<1%	Fiberglass	80% 20%	Silicates Binder	None Detected
2A B51558	Caulk	Heterogeneous Black Non-fibrous Bound			100%	Caulk	None Detected
2B B51559	Caulk	Heterogeneous Black Non-fibrous Bound			100%	Caulk	None Detected
2C B51560	Caulk	Heterogeneous Black Non-fibrous Bound			100%	Caulk	None Detected
3A B51561	Caulk	Heterogeneous White Fibrous Bound	<1%	Cellulose	100%	Caulk	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

Lab Code: B18-5191
Date Received: 06-11-18
Date Analyzed: 06-13-18
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Project: Kenosha; 18-400-001.5500

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
3B B51562	Caulk	Heterogeneous White Fibrous Bound	<1%	Cellulose	100%	Caulk	None Detected
3C B51563	Caulk	Heterogeneous White Fibrous Bound	<1%	Cellulose	100%	Caulk	None Detected
4A B51564	Panel	Heterogeneous Gray,White Fibrous Bound	<1%	Cellulose	80% 18% 2%	Silicates Binder Paint	None Detected
4B B51565	Panel	Heterogeneous Gray,White Fibrous Bound	<1%	Cellulose	80% 18% 2%	Silicates Binder Paint	None Detected
4C B51566	Panel	Heterogeneous Gray,White Fibrous Bound	<1%	Cellulose	80% 18% 2%	Silicates Binder Paint	None Detected
5A B51567	Tar	Heterogeneous Black Fibrous Bound	<1%	Cellulose	97%	Tar	3% Chrysotile
5B B51568	Sample Not Analyzed per COC						
5C B51569	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: B18-5191
Date Received: 06-11-18
Date Analyzed: 06-13-18
Date Reported: 06-13-18

Project: Kenosha; 18-400-001.5500

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
6A B51570	Caulk	Heterogeneous White Non-fibrous Bound			100%	Caulk	None Detected
6B B51571	Caulk	Heterogeneous White Non-fibrous Bound			100%	Caulk	None Detected
6C B51572	Caulk	Heterogeneous White Non-fibrous Bound			100%	Caulk	None Detected
7A B51573	Tile	Heterogeneous Off-white,Silver Fibrous Loosely Bound	95%	Fiberglass	5%	Metal Foil	None Detected
7B B51574	Tile	Heterogeneous Off-white,Silver Fibrous Loosely Bound	95%	Fiberglass	5%	Metal Foil	None Detected
7C B51575	Tile	Heterogeneous Off-white,Silver Fibrous Loosely Bound	95%	Fiberglass	5%	Metal Foil	None Detected
8A B51576	Tile	Heterogeneous Brown Fibrous Loosely Bound	97%	Cellulose	3%	Paint	None Detected

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ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: KPH Environmental Corp
1237 W Bruce St
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Lab Code: B18-5191
Date Received: 06-11-18
Date Analyzed: 06-13-18
Date Reported: 06-13-18

Project: Kenosha; 18-400-001.5500

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
8B B51577	Tile	Heterogeneous Brown Fibrous Loosely Bound	97%	Cellulose	3%	Paint	None Detected
8C B51578	Tile	Heterogeneous Brown Fibrous Loosely Bound	97%	Cellulose	3%	Paint	None Detected
9A B51579A	Wallbase	Heterogeneous Brown Non-fibrous Bound			100%	Vinyl	None Detected
B51579B	Mastic	Heterogeneous Brown Non-fibrous Bound			100%	Mastic	None Detected
9B B51580A	Wallbase	Heterogeneous Brown Non-fibrous Bound			100%	Vinyl	None Detected
B51580B	Mastic	Heterogeneous Brown Non-fibrous Bound			100%	Mastic	None Detected
9C B51581A	Wallbase	Heterogeneous Brown Non-fibrous Bound			100%	Vinyl	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

Lab Code: B18-5191
Date Received: 06-11-18
Date Analyzed: 06-13-18
Date Reported: 06-13-18

Project: Kenosha; 18-400-001.5500

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
B51581B	Mastic	Heterogeneous Brown Non-fibrous Bound			100%	Mastic	None Detected
10A B51582	Drywall/Joint Compound	Heterogeneous White Non-fibrous Bound	20%	Cellulose	40% 25% 15%	Gypsum Silicates Calc Carb	None Detected
10B B51583	Drywall/Joint Compound	Heterogeneous White Non-fibrous Bound	20%	Cellulose	40% 25% 15%	Gypsum Silicates Calc Carb	None Detected
10C B51584	Drywall/Joint Compound	Heterogeneous White Non-fibrous Bound	20%	Cellulose	40% 25% 15%	Gypsum Silicates Calc Carb	None Detected
11A B51585A	Tile	Heterogeneous White Non-fibrous Tightly Bound	<1%	Cellulose	65% 35%	Vinyl Calc Carb	None Detected
Layer 1 B51585B	Mastic	Heterogeneous Yellow Fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
Layer 2 B51585B	Leveling Compound	Heterogeneous Gray Fibrous Bound	<1%	Cellulose	100%	Binder	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

Lab Code: B18-5191
Date Received: 06-11-18
Date Analyzed: 06-13-18
Date Reported: 06-13-18

Project: Kenosha; 18-400-001.5500

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
11B B51586A	Tile	Heterogeneous White Non-fibrous Tightly Bound	<1%	Cellulose	65% 35%	Vinyl Calc Carb	None Detected
Layer 1 B51586B	Mastic	Heterogeneous Yellow Fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
Layer 2 B51586B	Leveling Compound	Heterogeneous Gray Fibrous Bound	<1%	Cellulose	100%	Binder	None Detected
11C B51587A	Tile	Heterogeneous White Non-fibrous Tightly Bound	<1%	Cellulose	65% 35%	Vinyl Calc Carb	None Detected
Layer 1 B51587B	Mastic	Heterogeneous Yellow Fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
Layer 2 B51587B	Leveling Compound	Heterogeneous Gray Fibrous Bound	<1%	Cellulose	100%	Binder	None Detected
12A B51588	Undercoat	Heterogeneous Black Fibrous Bound			97%	Mastic	**3% Chrysotile**
12B B51589	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: B18-5191
Date Received: 06-11-18
Date Analyzed: 06-13-18
Date Reported: 06-13-18

Project: Kenosha; 18-400-001.5500

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
12C B51590	Sample Not Analyzed per COC						
13A B51591A	Tile	Heterogeneous Tan Fibrous Tightly Bound	<1%	Cellulose	55% 35%	Vinyl Calc Carb	**10% Chrysotile**
B51591B	Mastic	Heterogeneous Black Non-fibrous Bound			100%	Mastic	None Detected
13B B51592A	Sample Not Analyzed per COC						
B51592B	Mastic	Heterogeneous Black Non-fibrous Bound			100%	Mastic	None Detected
13C B51593A	Sample Not Analyzed per COC						
B51593B	Mastic	Heterogeneous Black Non-fibrous Bound			100%	Mastic	None Detected
14A B51594A	Wall Base	Heterogeneous Brown Non-fibrous Tightly Bound			100%	Vinyl	None Detected
B51594B	Mastic	Heterogeneous Tan Non-fibrous Bound			100%	Mastic	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

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Project: Kenosha; 18-400-001.5500

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	Non-Fibrous		ASBESTOS %
14B B51595A	Wall Base	Heterogeneous Brown Non-fibrous Tightly Bound		100%	Vinyl	None Detected
B51595B	Mastic	Heterogeneous Tan Non-fibrous Bound		100%	Mastic	None Detected
14C B51596A	Wall Base	Heterogeneous Brown Non-fibrous Tightly Bound		100%	Vinyl	None Detected
B51596B	Mastic	Heterogeneous Tan Non-fibrous Bound		100%	Mastic	None Detected
15A Layer 1 B51597	Linoleum	Heterogeneous Tan Fibrous Bound		75%	Vinyl	25% Chrysotile
Layer 2 B51597	Mastic	Heterogeneous Yellow Non-fibrous Bound		100%	Mastic	None Detected
15B B51598	Sample Not Analyzed per COC					
15C B51599	Sample Not Analyzed per COC					

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 %
16A B51600A	Tile	Heterogeneous Gray Non-fibrous Tightly Bound		65% 35%	Vinyl Calc Carb	None Detected
B51600B	Mastic	Heterogeneous Tan Non-fibrous Bound		100%	Mastic	None Detected
16B B51601A	Tile	Heterogeneous Gray Non-fibrous Tightly Bound		65% 35%	Vinyl Calc Carb	None Detected
B51601B	Mastic	Heterogeneous Tan Non-fibrous Bound		100%	Mastic	None Detected
16C B51602A	Tile	Heterogeneous Gray Non-fibrous Tightly Bound		65% 35%	Vinyl Calc Carb	None Detected
B51602B	Mastic	Heterogeneous Tan Non-fibrous Bound		100%	Mastic	None Detected
17A Layer 1 B51603	Caulk	Heterogeneous Red Fibrous Bound		98%	Caulk	**2% Chrysotile**

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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 B51603	Caulk	Heterogeneous Cream Non-fibrous Bound			100%	Caulk	None Detected
17B B51604	Sample Not Analyzed per COC						
17C B51605	Sample Not Analyzed per COC						
18A Layer 1 B51606	Tile	Heterogeneous Red Non-fibrous Bound			100%	Binder	None Detected
Layer 2 B51606	Grout	Heterogeneous Gray Fibrous Bound	<1%	Cellulose	100%	Binder	None Detected
18B Layer 1 B51607	Tile	Heterogeneous Red Non-fibrous Bound			100%	Binder	None Detected
Layer 2 B51607	Grout	Heterogeneous Gray Fibrous Bound	<1%	Cellulose	100%	Binder	None Detected
18C Layer 1 B51608	Tile	Heterogeneous Red Non-fibrous Bound			100%	Binder	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 B51608	Grout	Heterogeneous Gray Fibrous Bound	<1%	Cellulose	100%	Binder	None Detected
19A Layer 1 B51609	Brick	Heterogeneous Red Non-fibrous Bound			100%	Binder	None Detected
Layer 2 B51609	Grout	Heterogeneous Gray Non-fibrous Bound			100%	Binder	None Detected
Layer 3 B51609	Mastic	Heterogeneous Yellow Non-fibrous Bound			100%	Mastic	None Detected
19B Layer 1 B51610	Brick	Heterogeneous Red Non-fibrous Bound			100%	Binder	None Detected
Layer 2 B51610	Grout	Heterogeneous Gray Non-fibrous Bound			100%	Binder	None Detected
Layer 3 B51610	Mastic	Heterogeneous Yellow Non-fibrous Bound			100%	Mastic	None Detected

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ASBESTOS BULK ANALYSIS

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
19C	Brick	Heterogeneous			100%	Binder	None Detected
Layer 1		Red					
B51611		Non-fibrous					
		Bound					
Layer 2	Grout	Heterogeneous			100%	Binder	None Detected
B51611		Gray					
		Non-fibrous					
		Bound					
Layer 3	Mastic	Heterogeneous			100%	Mastic	None Detected
B51611		Yellow					
		Non-fibrous					
		Bound					
20A	Tile	Heterogeneous	5%	Cellulose	10%	Metal Foil	None Detected
B51612		White	85%	Fiberglass			
		Fibrous					
		Loosely Bound					
20B	Tile	Heterogeneous	5%	Cellulose	10%	Metal Foil	None Detected
B51613		White	85%	Fiberglass			
		Fibrous					
		Loosely Bound					
20C	Tile	Heterogeneous	5%	Cellulose	10%	Metal Foil	None Detected
B51614		White	85%	Fiberglass			
		Fibrous					
		Loosely Bound					
21A	Mastic	Heterogeneous			72%	Mastic	3% Chrysotile
B51615		Black			25%	Binder	
		Fibrous					
		Bound					
21B	Sample Not Analyzed per COC						
B51616							

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ASBESTOS BULK ANALYSIS

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
21C B51617	Sample Not Analyzed per COC						
22A B51618	Tile	Heterogeneous White Fibrous Bound	25%	Cellulose	75%	Gypsum	None Detected
22B B51619	Tile	Heterogeneous White Fibrous Bound	25%	Cellulose	75%	Gypsum	None Detected
22C B51620	Tile	Heterogeneous White Fibrous Bound	25%	Cellulose	75%	Gypsum	None Detected
23A B51621	Insulation	Heterogeneous White Fibrous Loosely Bound	15%	Fiberglass	85%	Binder	None Detected
23B B51622	Insulation	Heterogeneous White Fibrous Loosely Bound	15%	Fiberglass	85%	Binder	None Detected
23C B51623	Insulation	Heterogeneous White Fibrous Loosely Bound	15%	Fiberglass	85%	Binder	None Detected
24A B51624	UnderCoat	Heterogeneous Pink Fibrous Loose			95%	Mastic	5% Chrysotile

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 %
24B B51625	Sample Not Analyzed per COC						
24C B51626	Sample Not Analyzed per COC						
25A B51627A	Wall Base	Heterogeneous Brown Fibrous Tightly Bound			100%	Vinyl	None Detected
B51627B	Mastic	Heterogeneous Tan Fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
25B B51628A	Wall Base	Heterogeneous Brown Fibrous Tightly Bound			100%	Vinyl	None Detected
B51628B	Mastic	Heterogeneous Tan Fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
25C B51629A	Wall Base	Heterogeneous Brown Fibrous Tightly Bound			100%	Vinyl	None Detected
B51629B	Mastic	Heterogeneous Tan 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 %
26A B51630A	Tile	Homogeneous Beige Non-fibrous Tightly Bound		30%	Binder	None Detected
				70%	Silicates	
B51630B	Tile	Homogeneous Tan Non-fibrous Tightly Bound		30%	Binder	None Detected
				70%	Silicates	
B51630C	Tile	Homogeneous White Non-fibrous Tightly Bound		30%	Binder	None Detected
				70%	Silicates	
Layer 1 B51630D	Mastic	Homogeneous Yellow Non-fibrous Bound		100%	Mastic	None Detected
Layer 2 B51630D	Grout	Homogeneous Gray Non-fibrous Bound		40%	Binder	None Detected
				60%	Silicates	
26B B51631A	Tile	Homogeneous Beige Non-fibrous Tightly Bound		30%	Binder	None Detected
				70%	Silicates	
B51631B	Tile	Homogeneous Tan Non-fibrous Tightly Bound		30%	Binder	None Detected
				70%	Silicates	

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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 1 B51631C	Mastic	Homogeneous Yellow Non-fibrous Bound		100% Mastic	None Detected
Layer 2 B51631C	Grout	Homogeneous Gray Non-fibrous Bound		40% Binder 60% Silicates	None Detected
26C B51632A	Tile	Homogeneous Beige Non-fibrous Tightly Bound		30% Binder 70% Silicates	None Detected
Layer 1 B51632B	Mastic	Homogeneous Yellow Non-fibrous Bound		100% Mastic	None Detected
Layer 2 B51632B	Grout	Homogeneous Gray Non-fibrous Bound		40% Binder 60% Silicates	None Detected
27A B51633A	Tile	Homogeneous Beige Non-fibrous Tightly Bound		30% Binder 70% Silicates	None Detected
Layer 1 B51633B	Mastic	Homogeneous Yellow Non-fibrous Bound		100% Mastic	None Detected

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Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	Non-Fibrous	ASBESTOS %
Layer 2 B51633B	Grout	Homogeneous Brown Non-fibrous Bound	40% 60%	Binder Silicates	None Detected
27B B51634A	Tile	Homogeneous Beige Non-fibrous Tightly Bound	30% 70%	Binder Silicates	None Detected
Layer 1 B51634B	Mastic	Homogeneous Yellow Non-fibrous Bound	100%	Mastic	None Detected
Layer 2 B51634B	Grout	Homogeneous Brown Non-fibrous Bound	40% 60%	Binder Silicates	None Detected
27C B51635A	Tile	Homogeneous Beige Non-fibrous Tightly Bound	30% 70%	Binder Silicates	None Detected
Layer 1 B51635B	Mastic	Homogeneous Yellow Non-fibrous Bound	100%	Mastic	None Detected
Layer 2 B51635B	Grout	Homogeneous Brown Non-fibrous Bound	40% 60%	Binder Silicates	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 %
28A B51636	Tile	Homogeneous Tan,White Fibrous Loosely Bound	60% 20%	Cellulose Fiberglass	5% 5% 10%	Binder Paint Perlite	None Detected
28B B51637	Tile	Homogeneous Tan,White Fibrous Loosely Bound	60% 20%	Cellulose Fiberglass	5% 5% 10%	Binder Paint Perlite	None Detected
28C B51638	Tile	Homogeneous Tan,White Fibrous Loosely Bound	60% 20%	Cellulose Fiberglass	5% 5% 10%	Binder Paint Perlite	None Detected
29A Layer 1 B51639A	Tile	Homogeneous Beige Non-fibrous Tightly Bound			30% 70%	Binder Silicates	None Detected
Layer 2 B51639A	Grout	Homogeneous Brown Non-fibrous Bound			40% 60%	Binder Silicates	None Detected
Layer 3 B51639A	Grout	Homogeneous Gray Non-fibrous Bound			40% 60%	Binder Silicates	None Detected
B51639B	Felt Paper	Homogeneous Black,White Fibrous Bound	60%	Synthetic Fiber	40%	Tar	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 %
29B	Tile	Homogeneous			30%	Binder	None Detected
Layer 1		Beige			70%	Silicates	
B51640		Non-fibrous					
		Tightly Bound					
Layer 2	Grout	Homogeneous			40%	Binder	None Detected
B51640		Brown			60%	Silicates	
		Non-fibrous					
		Bound					
Layer 3	Grout	Homogeneous			40%	Binder	None Detected
B51640		Gray			60%	Silicates	
		Non-fibrous					
		Bound					
29C	Tile	Homogeneous			30%	Binder	None Detected
Layer 1		Beige			70%	Silicates	
B51641A		Non-fibrous					
		Tightly Bound					
Layer 2	Grout	Homogeneous			40%	Binder	None Detected
B51641A		Brown			60%	Silicates	
		Non-fibrous					
		Bound					
Layer 3	Grout	Homogeneous			40%	Binder	None Detected
B51641A		Gray			60%	Silicates	
		Non-fibrous					
		Bound					
B51641B	Felt Paper	Homogeneous	60%	Synthetic Fiber	40%	Tar	None Detected
		Black,White					
		Fibrous					
		Bound					

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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 %
30A B51642	Mastic	Homogeneous Brown Non-fibrous Bound		100%	Mastic	None Detected
30B B51643	Mastic	Homogeneous Brown Non-fibrous Bound		100%	Mastic	None Detected
30C B51644	Mastic	Homogeneous Brown Non-fibrous Bound		100%	Mastic	None Detected
31A B51645	Mastic	Homogeneous Black Non-fibrous Bound		97%	Mastic	3% Chrysotile
31B B51646	Sample Not Analyzed per COC					
31C B51647	Sample Not Analyzed per COC					
32A B51648A	Tile	Homogeneous Beige Non-fibrous Tightly Bound		30% 70%	Binder Silicates	None Detected
Layer 1 B51648B	Mastic	Homogeneous Yellow Non-fibrous Bound		100%	Mastic	None Detected

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ASBESTOS BULK PLM, EPA 600 METHOD

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Layer 2 B51648B	Grout	Homogeneous Brown Non-fibrous Bound		40% 60%	Binder Silicates	None Detected
32B B51649A	Tile	Homogeneous Beige Non-fibrous Tightly Bound		30% 70%	Binder Silicates	None Detected
Layer 1 B51649B	Mastic	Homogeneous Yellow Non-fibrous Bound		100%	Mastic	None Detected
Layer 2 B51649B	Grout	Homogeneous Brown Non-fibrous Bound		40% 60%	Binder Silicates	None Detected
32C B51650A	Tile	Homogeneous Beige Non-fibrous Tightly Bound		30% 70%	Binder Silicates	None Detected
Layer 1 B51650B	Mastic	Homogeneous Yellow Non-fibrous Bound		100%	Mastic	None Detected
Layer 2 B51650B	Grout	Homogeneous Brown Non-fibrous Bound		40% 60%	Binder Silicates	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 %
33A B51651	Mastic	Homogeneous Brown,Silver Non-fibrous Bound		50% 50%	Binder Metal Foil	None Detected
33B B51652	Mastic	Homogeneous Brown,Silver Non-fibrous Bound		50% 50%	Binder Metal Foil	None Detected
33C B51653	Mastic	Homogeneous Brown,Silver Non-fibrous Bound		50% 50%	Binder Metal Foil	None Detected
34A Layer 1 B51654	Plaster Skim Coat	Homogeneous White Non-fibrous Bound		35% 60% 5%	Binder Silicates Paint	None Detected
Layer 2 B51654	Plaster Base Coat	Homogeneous Gray Non-fibrous Bound		40% 60%	Binder Silicates	None Detected
34B Layer 1 B51655	Plaster Skim Coat	Homogeneous White Non-fibrous Bound		35% 60% 5%	Binder Silicates Paint	None Detected
Layer 2 B51655	Plaster Base Coat	Homogeneous Gray Non-fibrous Bound		40% 60%	Binder Silicates	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 %
34C	Plaster Skim Coat	Homogeneous		35%	Binder	None Detected
Layer 1		White		60%	Silicates	
B51656		Non-fibrous		5%	Paint	
		Bound				
Layer 2	Plaster Base Coat	Homogeneous		40%	Binder	None Detected
B51656		Gray		60%	Silicates	
		Non-fibrous				
		Bound				
34D	Plaster Skim Coat	Homogeneous		35%	Binder	None Detected
Layer 1		White		60%	Silicates	
B51657		Non-fibrous		5%	Paint	
		Bound				
Layer 2	Plaster Base Coat	Homogeneous		40%	Binder	None Detected
B51657		Gray		60%	Silicates	
		Non-fibrous				
		Bound				
34E	Plaster Skim Coat	Homogeneous		35%	Binder	None Detected
Layer 1		White		60%	Silicates	
B51658		Non-fibrous		5%	Paint	
		Bound				
Layer 2	Plaster Base Coat	Homogeneous		40%	Binder	None Detected
B51658		Gray		60%	Silicates	
		Non-fibrous				
		Bound				
35A	Tar	Homogeneous		40%	Binder	None Detected
B51659		Black		60%	Silicates	
		Non-fibrous				
		Bound				

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 %
35B B51660	Tar	Homogeneous Black Non-fibrous Bound			40% 60%	Binder Silicates	None Detected
35C B51661	Tar	Homogeneous Black Non-fibrous Bound			40% 60%	Binder Silicates	None Detected
36A Layer 1 B51662	Roofing	Homogeneous White,Blue Non-fibrous Bound	50%	Fiberglass	50%	Binder	None Detected
Layer 2 B51662	Roofing	Homogeneous Black Fibrous Bound	37%	Cellulose	60%	Tar	**3% Chrysotile**
36B B51663	Sample Not Analyzed per COC						
36C B51664	Sample Not Analyzed per COC						
37A Layer 1 B51665	Roofing	Homogeneous White Non-fibrous Bound			100%	Binder	None Detected
Layer 2 B51665	Roofing	Homogeneous Black Fibrous Bound	37%	Cellulose	60%	Tar	**3% Chrysotile**
37B B51666	Sample Not Analyzed per COC						

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-ASBESTOS COMPONENTS Non-Fibrous	ASBESTOS %
37C B51667	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: Saithya Painkal

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

Megan Fisher

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:	B18-5197 (115)
CEI Lab I.D. Range:	BS1553- 67

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#:	18-400-001.5500
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:

Test Each Homogeneous Material Unit | > 1%

☑ Accept Samples
☐ Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
	6/8/18 1700	MLS	6/11/18 8:50

Samples will be disposed of 30 days after analysis

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SAMPLING FORM

B18-5192

COMPANY CONTACT INFORMATION			
Company:	KPH Environmental Corp.	Job Contact:	Dean Jacobsen
Project Name:	Kenosha		
Project ID #:	18-400-001.5500	Tel:	(414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
1A	Stucco		PLM ☒	TEM ☐
1B	↓		PLM ☐	TEM ☐
1C	↓		PLM ☐	TEM ☐
1D	↓		PLM ☐	TEM ☐
1E	↓		PLM ☐	TEM ☐
2A	Caulk		PLM ☐	TEM ☐
2B	↓		PLM ☐	TEM ☐
2C	↓		PLM ☐	TEM ☐
3A	Caulk		PLM ☐	TEM ☐
3B	↓		PLM ☐	TEM ☐
3C	↓		PLM ☐	TEM ☐
4A	Panel		PLM ☐	TEM ☐
4B	↓		PLM ☐	TEM ☐
4C	↓		PLM ☐	TEM ☐
5A	Tar		PLM ☐	TEM ☐
5B	↓		PLM ☐	TEM ☐
5C	↓		PLM ☐	TEM ☐
6A	Caulk		PLM ☐	TEM ☐
6B	↓		PLM ☐	TEM ☐
6C	↓		PLM ☐	TEM ☐
7A	Tile		PLM ☐	TEM ☐
7B	↓		PLM ☐	TEM ☐
7C	↓		PLM ☐	TEM ☐
8A	Tile		PLM ☐	TEM ☐
8B	↓		PLM ☐	TEM ☐
8C	↓		PLM ☐	TEM ☐
9A	Rubber		PLM ☐	TEM ☐
9B	↓		PLM ☑	TEM ☐

B10-5174

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SAMPLING FORM

COMPANY CONTACT INFORMATION			
Company:	KPH Environmental Corp.	Job Contact:	Dean Jacobsen
Project Name:	Kenosha		
Project ID #:	18-400-001.5500	Tel:	(414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME / AREA	TEST	
9C	Wallboard		PLM [X]	TEM [ ]
10A	Drywall		PLM [ ]	TEM [ ]
10B	↓		PLM [ ]	TEM [ ]
10C	↓		PLM [ ]	TEM [ ]
11A	Tile		PLM [ ]	TEM [ ]
11B	↓		PLM [ ]	TEM [ ]
11C	↓		PLM [ ]	TEM [ ]
12A	Undercoat		PLM [ ]	TEM [ ]
12B	↓		PLM [ ]	TEM [ ]
12C	↓		PLM [ ]	TEM [ ]
13A	Tile		PLM [ ]	TEM [ ]
13B	↓		PLM [ ]	TEM [ ]
13C	↓		PLM [ ]	TEM [ ]
14A	Wallboard		PLM [ ]	TEM [ ]
14B	↓		PLM [ ]	TEM [ ]
14C	↓		PLM [ ]	TEM [ ]
15A	Linoleum		PLM [ ]	TEM [ ]
15B	↓		PLM [ ]	TEM [ ]
15C	↓		PLM [ ]	TEM [ ]
16A	Tile		PLM [ ]	TEM [ ]
16B	↓		PLM [ ]	TEM [ ]
16C	↓		PLM [ ]	TEM [ ]
17A	Caulk		PLM [ ]	TEM [ ]
17B	↓		PLM [ ]	TEM [ ]
17C	↓		PLM [ ]	TEM [ ]
18A	Tile		PLM [ ]	TEM [ ]
18B	↓		PLM [ ]	TEM [ ]
18C	↓		PLM [X]	TEM [ ]

1512-5192

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SAMPLING FORM

COMPANY CONTACT INFORMATION			
Company:	KPH Environmental Corp.	Job Contact:	Dean Jacobsen
Project Name:	Kenosha		
Project ID #:	18-400-001.5500	Tel:	(414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
19A	Brick		PLM [X]	TEM [ ]
19B	↓		PLM [ ]	TEM [ ]
19C	↓		PLM [ ]	TEM [ ]
20A	Tile		PLM [ ]	TEM [ ]
20B	↓		PLM [ ]	TEM [ ]
20C	↓		PLM [ ]	TEM [ ]
21A	Mastic		PLM [ ]	TEM [ ]
21B	↓		PLM [ ]	TEM [ ]
21C	↓		PLM [ ]	TEM [ ]
22A	Tile		PLM [ ]	TEM [ ]
22B	↓		PLM [ ]	TEM [ ]
22C	↓		PLM [ ]	TEM [ ]
23A	Insulation		PLM [ ]	TEM [ ]
23B	↓		PLM [ ]	TEM [ ]
23C	↓		PLM [ ]	TEM [ ]
24A	Undercoat		PLM [ ]	TEM [ ]
24B	↓		PLM [ ]	TEM [ ]
24C	↓		PLM [ ]	TEM [ ]
25A	Wall base		PLM [ ]	TEM [ ]
25B	↓		PLM [ ]	TEM [ ]
25C	↓		PLM [ ]	TEM [ ]
26A	Tile		PLM [ ]	TEM [ ]
26B	↓		PLM [ ]	TEM [ ]
26C	↓		PLM [ ]	TEM [ ]
27A	Tile		PLM [ ]	TEM [ ]
27B	↓		PLM [ ]	TEM [ ]
27C	↓		PLM [ ]	TEM [ ]
28A	Tile		PLM [✓]	TEM [ ]

B18-J 19

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SAMPLING FORM

COMPANY CONTACT INFORMATION			
Company:	KPH Environmental Corp.	Job Contact:	Dean Jacobsen
Project Name:	Kenosha		
Project ID #:	18-400-001.5500	Tel:	(414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
28B	Tile		PLM [X]	TEM [ ]
28C	↓		PLM [ ]	TEM [ ]
29A	Tile		PLM [ ]	TEM [ ]
29B	↓		PLM [ ]	TEM [ ]
29C	↓		PLM [ ]	TEM [ ]
30A	Mastic		PLM [ ]	TEM [ ]
30B	↓		PLM [ ]	TEM [ ]
30C	↓		PLM [ ]	TEM [ ]
31A	Mastic		PLM [ ]	TEM [ ]
31B	↓		PLM [ ]	TEM [ ]
31C	↓		PLM [ ]	TEM [ ]
32A	Tile		PLM [ ]	TEM [ ]
32B	↓		PLM [ ]	TEM [ ]
32C	↓		PLM [ ]	TEM [ ]
33A	Mastic		PLM [ ]	TEM [ ]
33B	↓		PLM [ ]	TEM [ ]
33C	↓		PLM [ ]	TEM [ ]
34A	Plaster		PLM [ ]	TEM [ ]
34B	↓		PLM [ ]	TEM [ ]
34C	↓		PLM [ ]	TEM [ ]
34D	↓		PLM [ ]	TEM [ ]
34E	↓		PLM [ ]	TEM [ ]
35A	Tar		PLM [ ]	TEM [ ]
35B	↓		PLM [ ]	TEM [ ]
35C	↓		PLM [ ]	TEM [ ]
36A	Roofing		PLM [ ]	TEM [ ]
36B	↓		PLM [ ]	TEM [ ]
36C	↓		PLM [X]	TEM [ ]

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SAMPLING FORM

B18-5197

COMPANY CONTACT INFORMATION			
Company:	KPH Environmental Corp.	Job Contact:	Dean Jacobsen
Project Name:	Kenosha		
Project ID #:	18-400-001.5500	Tel:	(414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME / AREA	TEST			
37A	Roofing		PLM	X	TEM	
37B	↓		PLM	↓	TEM	
37C			PLM	↓	TEM	
			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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June 21, 2018

KPH Environmental Corp
1237 W Bruce St
Milwaukee, WI 53204

CLIENT PROJECT: Kenosha; 18-400-001.5500
CEI LAB CODE: B18-5191.1

Dear Customer:

Enclosed are asbestos analysis results for PLM bulk samples received at our laboratory on June 20, 2018. The samples were analyzed for asbestos using polarized light microscopy (PLM) gravimetric point count per the EPA 600 Method.

Sample results containing > 1% asbestos are considered asbestos-containing materials (ACMs) per the EPA regulatory requirements. The detection limit for the EPA 600 method is < 0.25% for gravimetric point count depending on the processed sample weight and points counted.

Thank you for your business and we look forward to continuing good relations. If you have any questions, please feel free to call our office at 919-481-1413.

Kind Regards,

Tianbao Bai, Ph.D., CIH
Laboratory Director

NVLAP® TESTING
NVLAP LAB CODE 101768-0

AMENDED

ASBESTOS ANALYTICAL REPORT
By: Polarized Light Microscopy

Prepared for

KPH Environmental Corp

CLIENT PROJECT: Kenosha; 18-400-001.5500

LAB CODE: B18-5191.1

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

REPORT DATE: 06/18/18

TEL: 866-481-1412

www.ceilabs.com

AMENDED

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

Lab Code: B18-5191.1
Date Received: 06-20-18
Date Analyzed: 06-21-18
Date Reported: 06-18-18

Project: Kenosha; 18-400-001.5500

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 %	
5A B51567	Tar	0.401	30	45	24	**0.25%**	**Chrysotile**
12A B51588	Undercoat	0.212	19	47	33	**1.4%**	**Chrysotile**
17A B51603	Caulk	0.292	73	5.1	21	**1.4%**	**Chrysotile**
21A B51615	Mastic	0.38	39	21	39	**1.1%**	**Chrysotile**
31A B51645	Mastic	0.201	56	3.7	39	**1.3%**	**Chrysotile**
36A B51662	Roofing	0.302	91	3.7	4.2	**1.1%**	**Chrysotile**
37A B51665	Roofing	0.328	76	4.5	11	**8.1%**	**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

ANALYST: Megan Fisher

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

Saithya Painkal

NVLAP TESTING
NVLAP LAB CODE 101768-0

eurofins | CEI

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#:	18-400-001.5500
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:

Lab Code B18-5191

☐ Accept Samples
☐ Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
	6/14/18 745		

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 #:	18-400-001.5500	Tel:	(414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
5A			PLM [X]	TEM [ ]
12A			PLM [ ]	TEM [ ]
17A	Red Caulk		PLM [ ]	TEM [ ]
21A			PLM [ ]	TEM [ ]
31A			PLM [ ]	TEM [ ]
36A	Black Roofing		PLM [ ]	TEM [ ]
37A	Black Roofing		PLM [✓]	TEM [ ]
			PLM [ ]	TEM [ ]
			PLM [ ]	TEM [ ]
			PLM [ ]	TEM [ ]
			PLM [ ]	TEM [ ]
			PLM [ ]	TEM [ ]
			PLM [ ]	TEM [ ]
			PLM [ ]	TEM [ ]
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			PLM [ ]	TEM [ ]
			PLM [ ]	TEM [ ]

Version: CCOC.01.18.2/2.LD

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: C18-0457
Received: 06-11-18
Analyzed: 06-14-18
Reported: 06-14-18

Project: Kenosha; 18-400-001.5500

ANALYSIS METHOD: EPA SW846 7000B

CLIENT ID	LAB ID	PPM (µg/g)	CONCENTRATION % BY WEIGHT
P1	CA65385	53	**0.0053**
P2	CA65386	350	**0.035**
P3	CA65387	230	**0.023**
P4	CA65388	1100	**0.11**
P5	CA65389	1100	**0.11**
P6	CA65390	260	**0.026**
P7	CA65391	<36	**<0.0036**

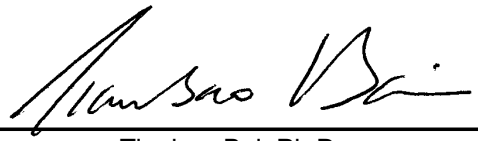
Eurofins CEI
107 New Edition Court, Cary, NC 27511
Tel: 919-481-1413 Fax: 919-481-1442

Project: Kenosha; 18-400-001.5500

Lab Code: C18-0457

ANALYSIS METHOD: EPA SW846 7000B

CLIENT ID	LAB ID	PPM (µg/g)	CONCENTRATION % BY WEIGHT

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 0.06% lead by weight.
Federal Lead Standard / HUD: 0.5% lead by weight.

LEGEND

µg = microgram	ppm = parts per million	g = grams
ml = milliliter	Pb = lead	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:	18-0457 (7)
CEI Lab I.D. Range:	CAU385-CAU391

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#	18-400-001.5500
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.

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]	6/8/18 1700	MLS	6/11/18 8:50

Samples will be disposed of 30 days after analysis

18-0457

eurofins | CEI

SAMPLING FORM

COMPANY CONTACT INFORMATION			
Company:	KPH Environmental Corp.	Job Contact:	Dean Jacobsen
Project Name:	Kenosha		
Project ID #:	18-400-001.5500	Tel:	(414) 647-1530

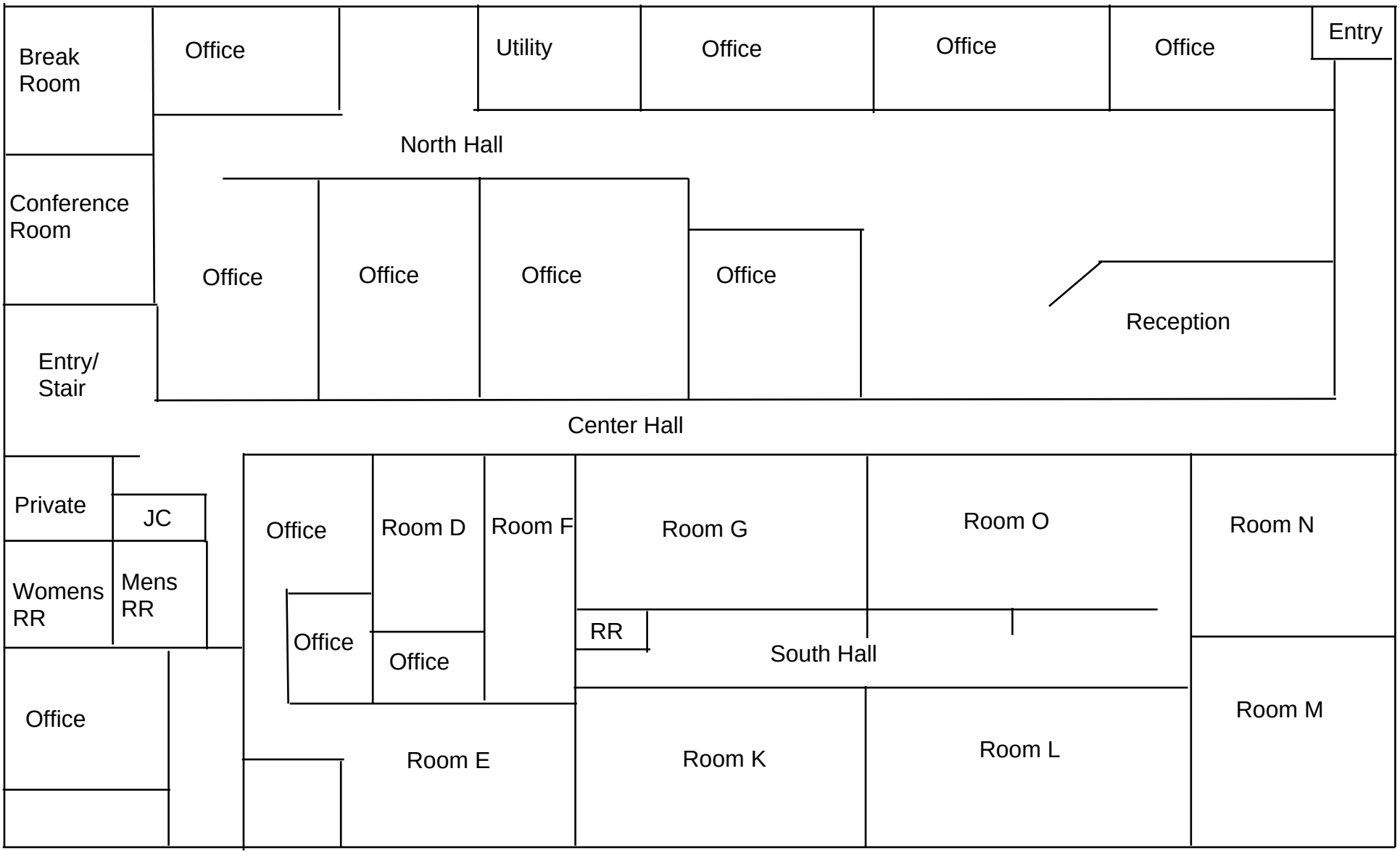
SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/AREA	COMMENTS
P1	Floor		
P2	Wall		
P3	↓		
P4	↓		
P5	Ceiling		
P6	Floor		
P7	Wall		

C. FLOOR PLAN

Commercial Building
5500 8th Avenue
Kenosha, Wisconsin

N

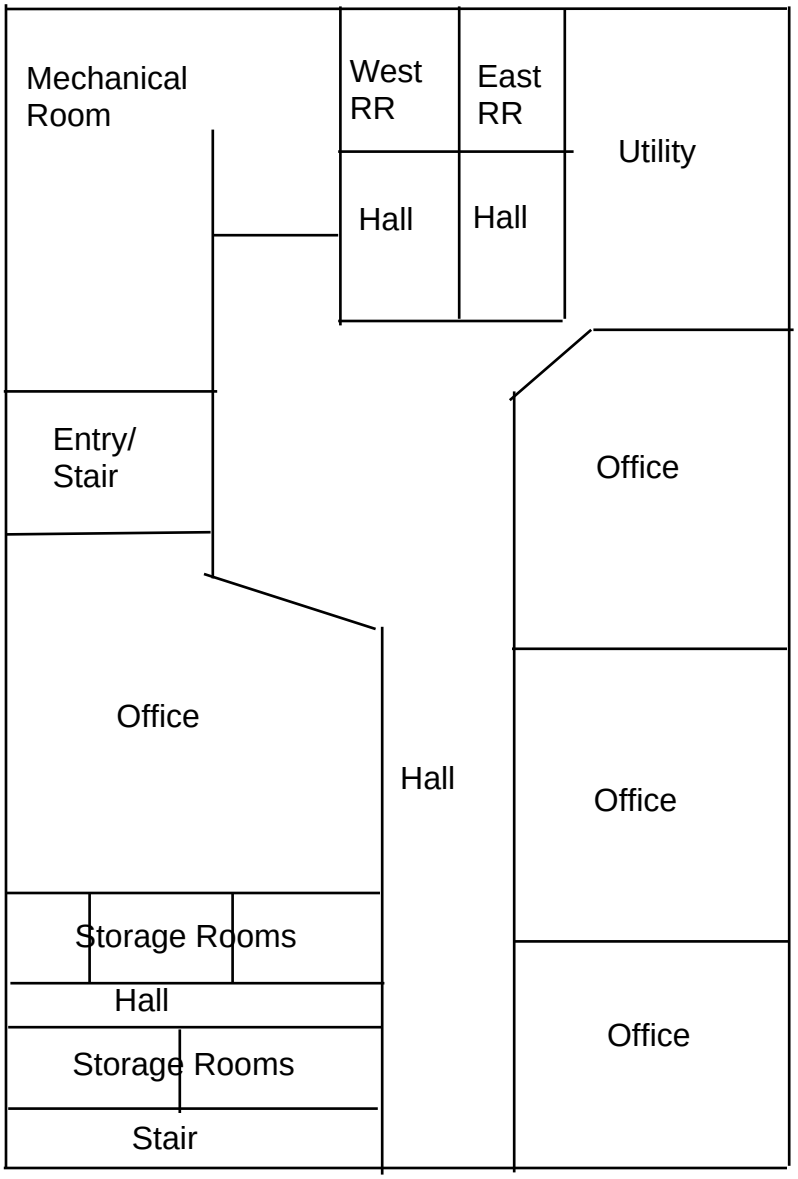
1st Floor



N

Commercial Building
5500 8th Avenue
Kenosha, Wisconsin

Basement Floor



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: 06/06/2016
Expiration Date: 09/10/2018, 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

December 15, 2017

DEAN T JACOBSEN
W131S6781 KIPLING DR
MUSKEGO WI 53150-3401

ID# AII-14370

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

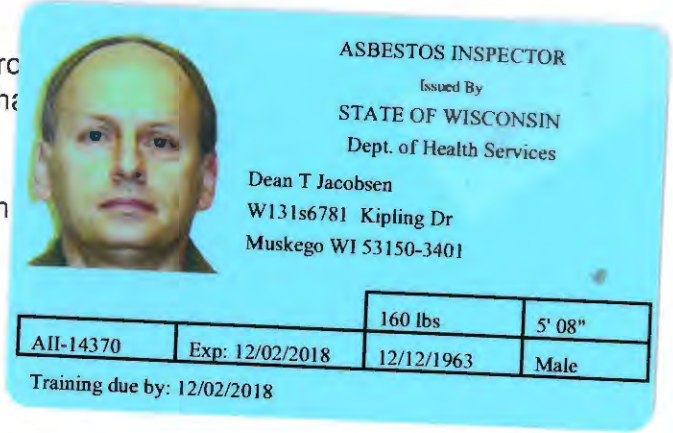
Follow Wisconsin law by making sure that you:

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

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

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

By getting certified and working safely, you pro
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

Subject Property: 5715-21 13th Avenue
PIN: 12-223-31-455-011

KENOSHA

0 100

Feet

PRE-DEMOLITION INSPECTION REPORT
Job Site:

Two Family Residence
5721 13th 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 # 18-400-001.5721

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

KPH Environmental
1237 West Bruce Street
Milwaukee, Wisconsin 53204

June 2018

TABLE OF CONTENTS

Pre-Demolition Inspection Report
5721 13th 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 two family residence at 5721 13th 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 chip samples for laboratory analysis.

Asbestos was detected above the regulatory level of 1% in basement stair orange linoleum, basement cardboard pipe insulation and duct wrap, and 2nd floor southwest bedroom ceiling texture. It was detected at less than 1% in drywall/joint compound composite as verified by point counting. Asbestos containing materials were assumed to be in roof flashing at the chimney.

Under state and federal laws, the orange linoleum, cardboard pipe insulation, duct wrap and ceiling texture require abatement by a Wisconsin certified asbestos company prior to demolition. Asbestos containing materials were assumed to be in the roof flashing and may remain on the building during 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 is on the basement interior walls.

Universal wastes and other hazardous material were also observed in 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 residence at 5721 13th 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 5721 13th Avenue, Kenosha, Wisconsin, was conducted on June 7, 2018, to cover the items listed above. The inspection was conducted by Dean Jacobsen, Wisconsin Asbestos Inspector License No. 14370. Additional information on the inspection and results are contained in the following sections.

II. ASEBSTOS INSPECTION

A. Methods

This asbestos inspection included a visual determination as to the extent of visible and accessible suspect materials 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 shingle siding
- Tar paper
- Paper insulation
- Stucco
- Glass block mortar
- Caulk
- Linoleum/mastic
- Duct wrap
- Window glazing compound
- Cardboard pipe insulation
- Flue packing
- Fiberboard
- Drywall/joint compound
- Plaster

- Vermiculite insulation
- Floor tile/mastic
- Texture
- Asphalt roofing
- Vinyl wallbase/mastic
- Ceiling tile
- Roof flashing

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 Labs 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
1a	Exterior – west wall under vinyl siding – asphalt shingle siding	Negative	MSS
1b	Exterior – west wall under asphalt shingle siding – tar paper	Negative	MPT
2a	Exterior – south wall under vinyl siding – asphalt shingle siding	Negative	MSS
2b	Exterior – south wall under asphalt shingle siding – tar paper	Negative	MPT
3a	Exterior – east wall under vinyl siding – asphalt shingle siding	Negative	MSS

Sample #	Location and Description	Results	Homogeneous Code
3b	Exterior – east wall under asphalt shingle siding – tar paper	Negative	MPT
4	Exterior – west wall under wood siding – gray paper insulation	Negative	MPIy
5	Exterior – south wall under wood siding – gray paper insulation	Negative	MPIy
6	Exterior – east wall under wood siding – gray paper insulation	Negative	MPIy
7	Exterior – on basement west wall – stucco	Negative	STC
8	Exterior – on basement east wall – stucco	Negative	STC
9	Exterior – on basement north wall – stucco	Negative	STC
10	Basement – on west glass block window – mortar	Negative	MGBM
11	Basement – on south glass block window – mortar	Negative	MGBM
12	Basement – on east glass block window – mortar	Negative	MGBM
13	Exterior – on east window trim – white caulk	Negative	MCLKw
14	Exterior – on south window – white caulk	Negative	MCLKw
15	Exterior – on north window – white caulk	Negative	MCLKw
16	**Basement – stair top landing – orange linoleum**	**Positive 25% Chrysotile**	**MFLo**
17	Not Analyzed Due to Prior Positive Sample	N/A	MFLo
18	Not Analyzed Due to Prior Positive Sample	N/A	MFLo
19	**Basement – on north center return – duct wrap**	**Positive 65% Chrysotile**	**TDW**
20	Not Analyzed Due to Prior Positive Sample	N/A	TDW
21	Not Analyzed Due to Prior Positive Sample	N/A	TDW
22	Basement – on northeast window – glazing compound	Negative	MPG
23	Basement – on northeast window – glazing compound	Negative	MPG
24	Basement – on northeast window – glazing compound	Negative	MPG
25	**Basement – on north center pipe - <5" diameter cardboard pipe insulation**	**Positive 65% Chrysotile**	**TC5**
26	Not Analyzed Due to Prior Positive Sample	N/A	TC5
27	Not Analyzed Due to Prior Positive Sample	N/A	TC5
28	Basement – on chimney – flue packing	Negative	TFP
29	Basement – on chimney – flue packing	Negative	TFP
30	Basement – on chimney – flue packing	Negative	TFP
31	Basement – stair east wall – fiberboard	Negative	MFB
32	Basement – stair north wall – fiberboard	Negative	MFB
33	Basement – stair south wall – fiberboard	Negative	MFB
34	1st floor – kitchen north side – tan and brown linoleum	Negative	MFLtn
35	1st floor – kitchen center – tan and brown linoleum	Negative	MFLtn
36	1st floor – kitchen southwest – tan and brown linoleum	Negative	MFLtn
37	2nd floor – northwest bedroom – south wall – drywall/ joint compound	Negative	MDW
38	2nd floor – living room – north wall – drywall/ joint compound	Trace <1% Chrysotile	MDW
38	Point Count Result	Trace 0.09% Chrysotile	MDW
39	1st floor – northeast bedroom closet – south wall – drywall/ joint compound	Negative	MDW
40	2nd floor – northwest bedroom – ceiling – plaster	Negative	SPl
41	2nd floor – northeast bedroom – ceiling – plaster	Negative	SPl

Sample #	Location and Description	Results	Homogeneous Code
42a	1st floor – northeast bedroom – east wall – plaster skim coat	Negative	SPl
42b	1st floor – northeast bedroom – east wall – plaster base coat	Negative	SPl
43	2nd floor – northeast bedroom – south side under carpet – tan paper insulation	Negative	MPIt
44	2nd floor – northeast bedroom – center under carpet –tan paper insulation	Negative	MPIt
45	2nd floor – northeast bedroom closet – under carpet –tan paper insulation	Negative	MPIt
46	Attic – north side on floor – vermiculite insulation	Negative	MVI
47	Attic – north side on floor – vermiculite insulation	Negative	MVI
48	Attic – north side on floor – vermiculite insulation	Negative	MVI
49a	2nd floor – hall – top layer northwest – 12" beige floor tile	Negative	MF12e
49b	2nd floor – hall – top layer northwest – under 12" beige floor tile – clear mastic	Negative	MF12e
49c	2nd floor – hall – 2nd layer northwest – beige linoleum	Negative	MFLe
50a	2nd floor – hall – top layer north – 12" beige floor tile	Negative	MF12e
50b	2nd floor – hall – top layer north – under 12" beige floor tile – clear mastic	Negative	MF12e
50c	2nd floor – hall – 2nd layer north – beige linoleum	Negative	MFLe
51a	2nd floor – hall – top layer northeast – 12" beige floor tile	Negative	MF12e
51b	2nd floor – hall – top layer northeast – under 12" beige floor tile – clear mastic	Negative	MF12e
51c	2nd floor – hall – 2nd layer northeast – beige linoleum	Negative	MFLe
52	2nd floor – hall – bottom layer northwest – white and blue linoleum	Negative	MFLwb
53	2nd floor – hall – bottom layer north – white and blue linoleum	Negative	MFLwb
54	2nd floor – hall – bottom layer northeast – white and blue linoleum	Negative	MFLwb
55	2nd floor – hall – center – tan and beige linoleum	Negative	MFLte
56	2nd floor – hall – center – tan and beige linoleum	Negative	MFLte
57	2nd floor – hall – center – tan and beige linoleum	Negative	MFLte
58	2nd floor – hall – south side – beige and gray linoleum	Negative	MFLey
59	2nd floor – hall – south side – beige and gray linoleum	Negative	MFLey
60	2nd floor – south bathroom – beige and gray linoleum	Negative	MFLey
61	**2nd floor – southwest bedroom – east side ceiling – texture**	**Positive 2% Chrysotile**	**STX**
61	**Point Count Result**	**Positive 1.5% Chrysotile**	**STX**
62	Not Analyzed Due to Prior Positive Sample	N/A	STX
63	Not Analyzed Due to Prior Positive Sample	N/A	STX
64	2nd floor – kitchen – top layer center – tan and orange linoleum	Negative	MFLto
65	2nd floor – kitchen – top layer east – tan and orange linoleum	Negative	MFLto
66	2nd floor – kitchen – top layer north – tan and orange linoleum	Negative	MFLto
67	2nd floor – kitchen – bottom layer center – gray linoleum	Negative	MFLy

Sample #	Location and Description	Results	Homogeneous Code
68	2nd floor – kitchen – bottom layer east – gray linoleum	Negative	MFLy
69	2nd floor – kitchen – bottom layer north – gray linoleum	Negative	MFLy
70	Roof – top layer south – gray asphalt shingle	Negative	MRSy
71	Roof – top layer west – gray asphalt shingle	Negative	MRSy
72	Roof – top layer north – gray asphalt shingle	Negative	MRSy
73	Roof – bottom layer south – tar paper #2	Negative	MPT2
74	Roof – bottom layer west – tar paper #2	Negative	MPT2
75	Roof – bottom layer north – tar paper #2	Negative	MPT2
76	1st floor – living room – west side – tan linoleum	Negative	MFLt
77	1st floor – living room – east side – tan linoleum	Negative	MFLt
78	1st floor – hall – tan linoleum	Negative	MFLt
79	1st floor – kitchen – on west wall – 4" brown vinyl wallbase	Negative	MV4n
80a	1st floor – kitchen – on west wall – 4" brown vinyl wallbase	Negative	MV4n
80b	1st floor – kitchen – on west wall – under 4" brown vinyl wallbase – yellow mastic	Negative	MV4n
81a	1st floor – kitchen – on west wall – 4" brown vinyl wallbase	Negative	MV4n
81b	1st floor – kitchen – on west wall – under 4" brown vinyl wallbase – yellow mastic	Negative	MV4n
82a	1st floor – northwest bedroom – under 1' x 3' ceiling tile – black mastic	Negative	MSCT13
82b	1st floor – northwest bedroom – 1' x 3' ceiling tile	Negative	MSCT13
83a	1st floor – northwest bedroom – under 1' x 3' ceiling tile – black mastic	Negative	MSCT13
83b	1st floor – northwest bedroom – 1' x 3' ceiling tile	Negative	MSCT13
84a	1st floor – northeast bedroom – under 1' x 3' ceiling tile – black mastic	Negative	MSCT13
84b	1st floor – northeast bedroom – 1' x 3' ceiling tile	Negative	MSCT13
85	1st floor – northeast bedroom closet – gray and cream linoleum	Negative	MFLyc
86	1st floor – northeast bedroom closet – gray and cream linoleum	Negative	MFLyc
87	1st floor – northeast bedroom closet – gray and cream linoleum	Negative	MFLyc

Homogeneous Material Codes

SPl	Plaster
STX	Texture
STC	Stucco
MSS	Asphalt Shingle Siding
MPT	Tar Paper Exterior Walls
MPT2	Tar Paper Roof
MPIy	Gray Paper Insulation
MPIt	Tan Paper Insulation
MGBM	Glass Block Mortar
MCLKw	White Caulk
MFLo	Orange Linoleum
MFLtn	Tan & Brown Linoleum
MFLwb	White & Blue Linoleum

Homogeneous Material Codes

MFLte	Tan & Beige Linoleum
MFLey	Beige & Gray Linoleum
MFLto	Tan & Orange Linoleum
MFLy	Gray Linoleum
MFLt	Tan Linoleum
MFLyc	Gray & Cream Linoleum
MPG	Glazing Compound
MFB	Fiberboard
MDW	Drywall/Joint Compound
MVI	Vermiculite Insulation
MF12e	12" Beige Floor Tile
MRSy	Gray Asphalt Shingle
MV4n	4" Brown Vinyl Wallbase
MSCT13	1' x 3' Ceiling Tile
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
Orange Linoleum	MFLo	Basement Stair	15 SF	Poor
<5" Diameter Cardboard Pipe Insulation	TC5	Basement North Center & South Center	13 SF	Poor
Duct Wrap	TDW	Basement on Joist West Of Chimney	2 SF	Poor
Texture	STX	2nd Floor Southwest Bedroom Ceiling East Side	60 SF	Good

The orange linoleum, cardboard pipe insulation, duct wrap, and texture are friable asbestos containing materials. They were in good to poor condition at the time of the inspection. They are they would be then be defined as regulated asbestos containing material (RACM) under NR 447 of the Wisconsin Administrative Code and require abatement prior to demolition.

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.

The drywall/joint compound composite contains less than 1% asbestos as verified by the point count method, and by definition in NR 447 is not an ACM.

Vermiculite insulation was observed in the attic north side. Laboratory testing by PLM did not detect asbestos in the vermiculite. Under DHS 159 and NR 447 this material may remain in the house during demolition if an individual operates a motorized vehicle to demolish or remove the facility and the material does not meet the NR 447 definition of regulated asbestos containing material.

Assumed Asbestos Containing Materials

Material	Location	Approximate Quantity	Condition
Roof Flashing	Roof at Chimney	3 SF	Good

The roof flashing is a category I non-friable asbestos containing material. It was in good (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 regulated asbestos containing material (RACM) under NR 447 of the Wisconsin Administrative Code. If it does not become RACM during demolition, under NR 447 it may remain on the building and be disposed at a Wisconsin licensed landfill with the other demolition debris.

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 and sampling testing at the single family residence at 5721 13th Avenue, Kenosha, Wisconsin, took place on June 7, 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. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29CFR 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. The laboratory report is in Appendix B.

Interior: Two family residence at 5721 13th Avenue, Kenosha, Wisconsin

- Painted brick was observed on the basement walls. The white paint on the basement brick walls contains lead and is lead based paint.

Exterior: Two family residence at 5721 13th Avenue, Kenosha, Wisconsin

- Painted brick was observed on basement walls. Lead was detected and the white paint on the brick walls is not lead based paint.

The following are the laboratory results.

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P1	Exterior	South Basement Wall	Brick	White	0.046
P2	**Basement**	**South Wall**	**Brick**	**White**	**3.5**

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. Under certain circumstances 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 includes items that contain or may contain materials such as mercury, polychlorinated biphenyls (PCB), refrigerants such as Freon and

chlorofluorocarbons (CFC), and fuels. The following universal wastes and other hazardous materials were identified in the building:

Material	Location	Approximate Quantity
Fluorescent Bulbs-Mercury	2nd Floor Northwest & Northeast Bedroom, South bathroom, & Living Room	4 Compact
Fluorescent Ballasts-PCB	2nd Floor Kitchen	1
Paint	1st Floor Kitchen15	2 Gallons
Space Heater-Mercury Switch	1st Floor Kitchen, Basement	2
Oil Tank	Basement	1
Water Heater-Mercury Switch	Basement	1 Heater
Junk RV	Yard	2
Junk Car	Yard	2
Tires	Yard	35
Refrigerator-CFC	Yard, 1st Floor Kitchen, 2nd Floor Hall	4
Freezer-CFC	Yard, 1st Floor Kitchen	2
Fire Extinguisher-CFC	Basement	1
Dehumidifier-CFC	Basement	1
Lawn Mower	Yard	1
Snow Blower	Yard	1
Pesticide	Yard, Basement Stair	4 Gallons
Propane Torch	2nd Floor Living Room	1
Propane Tanks	Basement	3

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

V. EXCLUSIONS

All rooms contain furniture, boxes, and debris – all areas were not accessible for this inspection. Because of the inaccessibility additional ACMs, including pipe insulation and duct wrap, may be within walls and ceilings. No access to the attic south side.

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 painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled 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

eurofins | CEI

June 14, 2018

KPH Environmental Corp
1237 W Bruce St
Milwaukee, WI 53204

CLIENT PROJECT: Kenosha; 18-400-001.5721
CEI LAB CODE: B18-5172

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on June 11, 2018. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% asbestos by weight as determined by visual estimation.

Thank you for your business and we look forward to continuing good relations. If you have any questions, please feel free to call our office at 919-481-1413.

Kind Regards,

Tianbao Bai, Ph.D., CIH
Laboratory Director

NVLAP® TESTING
NVLAP LAB CODE 101768-0

eurofins | CEI

ASBESTOS ANALYTICAL REPORT
By: Polarized Light Microscopy

Prepared for

KPH Environmental Corp

CLIENT PROJECT: Kenosha; 18-400-001.5721

LAB CODE: B18-5172

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

REPORT DATE: 06/14/18

TOTAL SAMPLES ANALYZED: 79

SAMPLES >1% ASBESTOS: 4

TEL: 866-481-1412

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Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.5721 **LAB CODE:** B18-5172

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
1	Layer 1	B51168	Black	Shingle	None Detected
	Layer 2	B51168	Black	Tarpaper	None Detected
2	Layer 1	B51169	Black	Shingle	None Detected
	Layer 2	B51169	Black	Tarpaper	None Detected
3	Layer 1	B51170	Black	Shingle	None Detected
	Layer 2	B51170	Black	Tarpaper	None Detected
4		B51171	Green	Paper	None Detected
5		B51172	Green	Paper	None Detected
6		B51173	Brown	Paper	None Detected
7		B51174	Gray	Stucco	None Detected
8		B51175	Gray	Stucco	None Detected
9		B51176	Gray	Stucco	None Detected
10		B51177	Gray	Mortar	None Detected
11		B51178	Gray	Mortar	None Detected
12		B51179	Gray	Mortar	None Detected
13		B51180	White	Caulking	None Detected
14		B51181	White	Caulking	None Detected
15		B51182	White	Caulking	None Detected
16		B51183	Brown	Linoleum	Chrysotile 25%
17		B51184		Sample Not Analyzed per COC	
18		B51185		Sample Not Analyzed per COC	
19		B51186	Gray	Insulation	Chrysotile 65%
20		B51187		Sample Not Analyzed per COC	
21		B51188		Sample Not Analyzed per COC	
22		B51189	Off-white	Glazing	None Detected
23		B51190	Off-white	Glazing	None Detected
24		B51191	Off-white	Glazing	None Detected
25		B51192	Gray	Insulation	Chrysotile 65%
26		B51193		Sample Not Analyzed per COC	
27		B51194		Sample Not Analyzed per COC	
28		B51195	Gray	Flue Pack	None Detected

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.5721 **LAB CODE:** B18-5172

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
29		B51196	Gray	Flue Pack	None Detected
30		B51197	Gray	Flue Pack	None Detected
31		B51198	Tan	Fiberboard	None Detected
32		B51199	Tan,White	Fiberboard	None Detected
33		B51200	Tan	Fiberboard	None Detected
34		B51201	Brown	Linoleum	None Detected
35		B51202	Brown	Linoleum	None Detected
36		B51203	Brown	Linoleum	None Detected
37		B51204	White,Tan	Drywall/Mud	None Detected
38		B51205	White,Tan	Drywall/Mud	Chrysotile <1%
39		B51206	White,Tan	Drywall/Mud	None Detected
40		B51207	Tan	Plaster	None Detected
41		B51208	Tan	Plaster	None Detected
42	Layer 1	B51209	Tan	Plaster Skim Coat	None Detected
	Layer 2	B51209	Tan	Plaster Base Coat	None Detected
43		B51210	Brown	Paper	None Detected
44		B51211	Brown	Paper	None Detected
45		B51212	Brown	Paper	None Detected
46		B51213	Gold	Insulation	None Detected
47		B51214	Gold	Insulation	None Detected
48		B51215	Gold	Insulation	None Detected
49		B51216A	Gray	Floor Tile	None Detected
		B51216B	Clear	Mastic	None Detected
		B51216C	Brown,Yellow	Linoleum	None Detected
50		B51217A	Gray	Floor Tile	None Detected
		B51217B	Clear	Mastic	None Detected
		B51217C	Brown,Yellow	Linoleum	None Detected
51		B51218A	Gray	Floor Tile	None Detected
		B51218B	Clear	Mastic	None Detected
		B51218C	Brown,Yellow	Linoleum	None Detected
52		B51219	Gray	Linoleum	None Detected

Asbestos Report Summary

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PROJECT: Kenosha; 18-400-001.5721 **LAB CODE:** B18-5172

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
53		B51220	Gray,Brown	Linoleum	None Detected
54		B51221	Gray,Brown	Linoleum	None Detected
55		B51222	Gray,Brown	Linoleum	None Detected
56		B51223	Gray,Brown	Linoleum	None Detected
57		B51224	Gray,Brown	Linoleum	None Detected
58		B51225	Tan	Linoleum	None Detected
59		B51226	Tan	Linoleum	None Detected
60		B51227	Tan	Linoleum	None Detected
61		B51228	Tan	Texture	Chrysotile 2%
62		B51229		Sample Not Analyzed per COC	
63		B51230		Sample Not Analyzed per COC	
64		B51231	Brown	Linoleum	None Detected
65		B51232	Brown	Linoleum	None Detected
66		B51233	Brown	Linoleum	None Detected
67		B51234	Brown	Linoleum	None Detected
68		B51235	Brown	Linoleum	None Detected
69		B51236	Brown	Linoleum	None Detected
70		B51237	Black	Shingle	None Detected
71		B51238	Black	Shingle	None Detected
72		B51239	Black	Shingle	None Detected
73		B51240	Black	Tarpaper	None Detected
74		B51241	Black	Tarpaper	None Detected
75		B51242	Black	Tarpaper	None Detected
76		B51243	Off-white	Linoleum	None Detected
77		B51244	Off-white	Linoleum	None Detected
78		B51245	Off-white	Linoleum	None Detected
79		B51246	Black	Wallboard	None Detected
80		B51247A	Black	Wallboard	None Detected
		B51247B	Yellow	Mastic	None Detected
81		B51248A	Black	Wallboard	None Detected
		B51248B	Yellow	Mastic	None Detected

Asbestos Report Summary

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PROJECT: Kenosha; 18-400-001.5721 **LAB CODE:** B18-5172

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
82	Layer 1	B51249	Black	Tar	None Detected
	Layer 2	B51249	Tan	Tile	None Detected
83	Layer 1	B51250	Black	Tar	None Detected
	Layer 2	B51250	Tan	Tile	None Detected
84	Layer 1	B51251	Black	Tar	None Detected
	Layer 2	B51251	Tan	Tile	None Detected
85		B51252	Beige	Linoleum	None Detected
86		B51253	Beige	Linoleum	None Detected
87		B51254	Beige	Linoleum	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

Lab Code: B18-5172
Date Received: 06-11-18
Date Analyzed: 06-13-18
Date Reported: 06-14-18

Project: Kenosha; 18-400-001.5721

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
1	Shingle	Heterogeneous	25%	Cellulose	10%	Gravel	None Detected
Layer 1		Black			45%	Tar	
B51168		Fibrous			20%	Silicates	
		Bound					
Layer 2	Tarpaper	Heterogeneous	60%	Cellulose	40%	Tar	None Detected
B51168		Black					
		Fibrous					
		Bound					
2	Shingle	Heterogeneous	25%	Cellulose	10%	Gravel	None Detected
Layer 1		Black			45%	Tar	
B51169		Fibrous			20%	Silicates	
		Bound					
Layer 2	Tarpaper	Heterogeneous	60%	Cellulose	40%	Tar	None Detected
B51169		Black					
		Fibrous					
		Bound					
3	Shingle	Heterogeneous	25%	Cellulose	10%	Gravel	None Detected
Layer 1		Black			45%	Tar	
B51170		Fibrous			20%	Silicates	
		Bound					
Layer 2	Tarpaper	Heterogeneous	60%	Cellulose	40%	Tar	None Detected
B51170		Black					
		Fibrous					
		Bound					
4	Paper	Heterogeneous	100%	Cellulose			None Detected
B51171		Green					
		Fibrous					
		Bound					

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ASBESTOS BULK ANALYSIS

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Client: KPH Environmental Corp
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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 %
5 B51172	Paper	Heterogeneous Green Fibrous Bound	100%	Cellulose			None Detected
6 B51173	Paper	Heterogeneous Brown Fibrous Bound	100%	Cellulose			None Detected
7 B51174	Stucco	Heterogeneous Gray Fibrous Bound	15%	Fiberglass	45% 40%	Silicates Binder	None Detected
8 B51175	Stucco	Heterogeneous Gray Fibrous Bound	15%	Fiberglass	45% 40%	Silicates Binder	None Detected
9 B51176	Stucco	Heterogeneous Gray Fibrous Bound	15%	Fiberglass	45% 40%	Silicates Binder	None Detected
10 B51177	Mortar	Heterogeneous Gray Non-fibrous Bound			65% 35%	Silicates Binder	None Detected
11 B51178	Mortar	Heterogeneous Gray Non-fibrous Bound			65% 35%	Silicates Binder	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 %
12 B51179	Mortar	Heterogeneous Gray Non-fibrous Bound		65% 35%	Silicates Binder	None Detected
13 B51180	Caulking	Heterogeneous White Non-fibrous Bound		100%	Binder	None Detected
14 B51181	Caulking	Heterogeneous White Non-fibrous Bound		100%	Binder	None Detected
15 B51182	Caulking	Heterogeneous White Non-fibrous Bound		100%	Binder	None Detected
16 B51183	Linoleum	Heterogeneous Brown Fibrous Bound		25% 50%	Binder Vinyl	**25% Chrysotile**
17 B51184	Sample Not Analyzed per COC					
18 B51185	Sample Not Analyzed per COC					
19 B51186	Insulation	Heterogeneous Gray Fibrous Bound		35%	Binder	**65% Chrysotile**
20 B51187	Sample Not Analyzed per COC					

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 %
21 B51188	Sample Not Analyzed per COC					
22 B51189	Glazing	Heterogeneous Off-white Non-fibrous Bound		5% 25% 70%	Paint Calc Carb Binder	None Detected
23 B51190	Glazing	Heterogeneous Off-white Non-fibrous Bound		5% 25% 70%	Paint Calc Carb Binder	None Detected
24 B51191	Glazing	Heterogeneous Off-white Non-fibrous Bound		5% 25% 70%	Paint Calc Carb Binder	None Detected
25 B51192	Insulation	Heterogeneous Gray Fibrous Bound		35%	Binder	**65% Chrysotile**
26 B51193	Sample Not Analyzed per COC					
27 B51194	Sample Not Analyzed per COC					
28 B51195	Flue Pack	Heterogeneous Gray Non-fibrous Bound		35% 65%	Binder Silicates	None Detected
29 B51196	Flue Pack	Heterogeneous Gray Non-fibrous Bound		35% 65%	Binder Silicates	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 %
30 B51197	Flue Pack	Heterogeneous Gray Non-fibrous Bound			35% 65%	Binder Silicates	None Detected
31 B51198	Fiberboard	Heterogeneous Tan Fibrous Bound	100%	Cellulose			None Detected
32 B51199	Fiberboard	Heterogeneous Tan,White Fibrous Bound	90%	Cellulose	5% 5%	Paint Binder	None Detected
33 B51200	Fiberboard	Heterogeneous Tan Fibrous Bound	100%	Cellulose			None Detected
34 B51201	Linoleum	Heterogeneous Brown Fibrous Bound	15% 10%	Cellulose Synthetic Fiber	50% 25%	Vinyl Binder	None Detected
35 B51202	Linoleum	Heterogeneous Brown Fibrous Bound	15% 10%	Cellulose Synthetic Fiber	50% 25%	Vinyl Binder	None Detected
36 B51203	Linoleum	Heterogeneous Brown Fibrous Bound	15% 10%	Cellulose Synthetic Fiber	50% 25%	Vinyl Binder	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 %
37 B51204	Drywall/Mud	Heterogeneous White,Tan Fibrous Bound	20%	Cellulose	5% 35% 40%	Paint Calc Carb Gypsum	None Detected
38 B51205	Drywall/Mud	Heterogeneous White,Tan Fibrous Bound	20%	Cellulose	5% 35% 40%	Paint Calc Carb Gypsum	<1% Chrysotile
Lab Notes: Mud compound contains <1% chrysotile, overall composition is <1%.							
39 B51206	Drywall/Mud	Heterogeneous White,Tan Fibrous Bound	20%	Cellulose	5% 35% 40%	Paint Calc Carb Gypsum	None Detected
40 B51207	Plaster	Heterogeneous Tan Fibrous Bound	3%	Cellulose	65% 32%	Silicates Binder	None Detected
41 B51208	Plaster	Heterogeneous Tan Fibrous Bound	3%	Cellulose	65% 32%	Silicates Binder	None Detected
42 Layer 1 B51209	Plaster Skim Coat	Heterogeneous Tan Fibrous Bound	5%	Cellulose	10% 45% 40%	Paint Binder Silicates	None Detected
Layer 2 B51209	Plaster Base Coat	Heterogeneous Tan Fibrous Bound	3%	Cellulose	65% 32%	Silicates Binder	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 %
43 B51210	Paper	Heterogeneous Brown Fibrous Bound	90%	Cellulose	5% 5%	Tar Binder	None Detected
44 B51211	Paper	Heterogeneous Brown Fibrous Bound	90%	Cellulose	5% 5%	Tar Binder	None Detected
45 B51212	Paper	Heterogeneous Brown Fibrous Bound	90%	Cellulose	5% 5%	Tar Binder	None Detected
46 B51213	Insulation	Heterogeneous Gold Non-fibrous Bound	2%	Cellulose	98%	Vermiculite	None Detected
47 B51214	Insulation	Heterogeneous Gold Non-fibrous Bound	2%	Cellulose	90% 8%	Vermiculite Tar	None Detected
48 B51215	Insulation	Heterogeneous Gold Non-fibrous Bound	2%	Cellulose	98% <1%	Vermiculite Tar	None Detected
49 B51216A	Floor Tile	Homogeneous Gray Non-fibrous Bound			100%	Vinyl	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 %
B51216B	Mastic	Homogeneous Clear Fibrous Bound	5%	Cellulose	95%	Mastic	None Detected
B51216C	Linoleum	Homogeneous Brown,Yellow Fibrous Bound	25%	Cellulose	25% 50%	Binder Vinyl	None Detected
50 B51217A	Floor Tile	Homogeneous Gray Non-fibrous Bound			100%	Vinyl	None Detected
B51217B	Mastic	Homogeneous Clear Fibrous Bound	5%	Cellulose	95%	Mastic	None Detected
B51217C	Linoleum	Homogeneous Brown,Yellow Fibrous Bound	25%	Cellulose	25% 50%	Binder Vinyl	None Detected
51 B51218A	Floor Tile	Homogeneous Gray Non-fibrous Bound			100%	Vinyl	None Detected
B51218B	Mastic	Homogeneous Clear Fibrous Bound	5%	Cellulose	95%	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 %
B51218C	Linoleum	Homogeneous Brown,Yellow Fibrous Bound	25%	Cellulose	25% 50%	Binder Vinyl	None Detected
52 B51219	Linoleum	Heterogeneous Gray Fibrous Bound	25%	Cellulose	50% 20% 5%	Vinyl Binder Tar	None Detected
53 B51220	Linoleum	Heterogeneous Gray,Brown Fibrous Bound	20% 5%	Cellulose Synthetic Fiber	45% 30%	Vinyl Tar	None Detected
54 B51221	Linoleum	Heterogeneous Gray,Brown Fibrous Bound	20% 5%	Cellulose Synthetic Fiber	45% 30%	Vinyl Tar	None Detected
55 B51222	Linoleum	Heterogeneous Gray,Brown Fibrous Bound	25%	Cellulose	50% 25%	Vinyl Binder	None Detected
56 B51223	Linoleum	Heterogeneous Gray,Brown Fibrous Bound	25%	Cellulose	50% 25%	Vinyl Binder	None Detected
57 B51224	Linoleum	Heterogeneous Gray,Brown Fibrous Bound	25%	Cellulose	50% 25%	Vinyl Binder	None Detected

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
58 B51225	Linoleum	Heterogeneous Tan Fibrous Bound	25%	Cellulose	50% 25%	Vinyl Binder	None Detected
59 B51226	Linoleum	Heterogeneous Tan Fibrous Bound	25%	Cellulose	50% 25%	Vinyl Binder	None Detected
60 B51227	Linoleum	Heterogeneous Tan Fibrous Bound	25%	Cellulose	50% 25%	Vinyl Binder	None Detected
61 B51228	Texture	Heterogeneous Tan Fibrous Bound			20% 35% 43%	Paint Calc Carb Binder	2% Chrysotile
62 B51229	Sample Not Analyzed per COC						
63 B51230	Sample Not Analyzed per COC						
64 B51231	Linoleum	Heterogeneous Brown Fibrous Bound	25%	Cellulose	50% 25% <1%	Vinyl Binder Mastic	None Detected
65 B51232	Linoleum	Heterogeneous Brown Fibrous Bound	25%	Cellulose	50% 25% <1%	Vinyl Binder 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 %
66 B51233	Linoleum	Heterogeneous Brown Fibrous Bound	25%	Cellulose	50% 25% <1%	Vinyl Binder Mastic	None Detected
67 B51234	Linoleum	Heterogeneous Brown Fibrous Bound	35% 5%	Cellulose Synthetic Fiber	20% 38% 2%	Vinyl Tar Mastic	None Detected
68 B51235	Linoleum	Heterogeneous Brown Fibrous Bound	35% 5%	Cellulose Synthetic Fiber	20% 38% 2%	Vinyl Tar Mastic	None Detected
69 B51236	Linoleum	Heterogeneous Brown Fibrous Bound	35% 5%	Cellulose Synthetic Fiber	20% 38% 2%	Vinyl Tar Mastic	None Detected
70 B51237	Shingle	Heterogeneous Black Fibrous Bound	25%	Fiberglass	10% 45% 20%	Gravel Tar Silicates	None Detected
71 B51238	Shingle	Heterogeneous Black Fibrous Bound	25%	Fiberglass	10% 45% 20%	Gravel Tar Silicates	None Detected
72 B51239	Shingle	Heterogeneous Black Fibrous Bound	25%	Fiberglass	10% 45% 20%	Gravel Tar Silicates	None Detected

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ASBESTOS BULK ANALYSIS

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		 Non-Fibrous		ASBESTOS %
73 B51240	Tarpaper	Heterogeneous Black Fibrous Bound	75%	Cellulose	25%	Tar	None Detected
74 B51241	Tarpaper	Heterogeneous Black Fibrous Bound	75%	Cellulose	25%	Tar	None Detected
75 B51242	Tarpaper	Heterogeneous Black Fibrous Bound	75%	Cellulose	25%	Tar	None Detected
76 B51243	Linoleum	Heterogeneous Off-white Fibrous Bound	25%	Cellulose	50% 25%	Vinyl Binder	None Detected
77 B51244	Linoleum	Heterogeneous Off-white Fibrous Bound	25%	Cellulose	50% 25%	Vinyl Binder	None Detected
78 B51245	Linoleum	Heterogeneous Off-white Fibrous Bound	25%	Cellulose	50% 25%	Vinyl Binder	None Detected
79 B51246	Wallboard	Heterogeneous Black Non-fibrous Bound			100%	Vinyl	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 %
80 B51247A	Wallboard	Heterogeneous Black Non-fibrous Bound			100%	Vinyl	None Detected
B51247B	Mastic	Heterogeneous Yellow Non-fibrous Bound	3%	Cellulose	97%	Mastic	None Detected
81 B51248A	Wallboard	Heterogeneous Black Non-fibrous Bound			100%	Vinyl	None Detected
B51248B	Mastic	Heterogeneous Yellow Non-fibrous Bound	3%	Cellulose	97%	Mastic	None Detected
82 Layer 1 B51249	Tar	Heterogeneous Black Fibrous Bound	10%	Cellulose	90%	Tar	None Detected
Layer 2 B51249	Tile	Heterogeneous Tan Fibrous Bound	100%	Cellulose			None Detected
83 Layer 1 B51250	Tar	Heterogeneous Black Fibrous Bound	10%	Cellulose	90%	Tar	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

Lab Code: B18-5172
Date Received: 06-11-18
Date Analyzed: 06-13-18
Date Reported: 06-14-18

Project: Kenosha; 18-400-001.5721

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		 Non-Fibrous		ASBESTOS %
Layer 2 B51250	Tile	Heterogeneous Tan Fibrous Bound	100%	Cellulose			None Detected
84 Layer 1 B51251	Tar	Heterogeneous Black Fibrous Bound	10%	Cellulose	90%	Tar	None Detected
Layer 2 B51251	Tile	Heterogeneous Tan Fibrous Bound	100%	Cellulose			None Detected
85 B51252	Linoleum	Heterogeneous Beige Fibrous Bound	25%	Cellulose	50% 25%	Vinyl Binder	None Detected
86 B51253	Linoleum	Heterogeneous Beige Fibrous Bound	25%	Cellulose	50% 25%	Vinyl Binder	None Detected
87 B51254	Linoleum	Heterogeneous Beige Fibrous Bound	25%	Cellulose	50% 25%	Vinyl Binder	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.

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: Mikaela Batta

Mikaela Batta

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:	B19-5172 (87)
CEI Lab I.D. Range:	B51169-254

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#:	18-400-001.5721
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 Homogenous Material until >1%

☑ Accept Samples
☐ Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
	6/8/18 1700	MLS	6/11/18 8:50

Samples will be disposed of 30 days after analysis

Version: CCOC.01.18.1/2.LD

B18-5172

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SAMPLING FORM

COMPANY CONTACT INFORMATION			
Company:	KPH Environmental Corp.	Job Contact:	Dean Jacobsen
Project Name:	Kenosha		
Project ID #:	18-400-001.5721	Tel:	(414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
1	Shingle / Tar Paper		PLM [X]	TEM [ ]
2	↓		PLM [ ]	TEM [ ]
3	↓		PLM [ ]	TEM [ ]
4	Paper		PLM [ ]	TEM [ ]
5	↓		PLM [ ]	TEM [ ]
6	↓		PLM [ ]	TEM [ ]
7	Stucco		PLM [ ]	TEM [ ]
8	↓		PLM [ ]	TEM [ ]
9	↓		PLM [ ]	TEM [ ]
10	Mortar		PLM [ ]	TEM [ ]
11	↓		PLM [ ]	TEM [ ]
12	↓		PLM [ ]	TEM [ ]
13	Caulk		PLM [ ]	TEM [ ]
14	↓		PLM [ ]	TEM [ ]
15	↓		PLM [ ]	TEM [ ]
16	Linoleum		PLM [ ]	TEM [ ]
17	↓		PLM [ ]	TEM [ ]
18	↓		PLM [ ]	TEM [ ]
19	Insulation		PLM [ ]	TEM [ ]
20	↓		PLM [ ]	TEM [ ]
21	↓		PLM [ ]	TEM [ ]
22	Glazing		PLM [ ]	TEM [ ]
23	↓		PLM [ ]	TEM [ ]
24	↓		PLM [ ]	TEM [ ]
25	Insulation		PLM [ ]	TEM [ ]
26	↓		PLM [ ]	TEM [ ]
27	↓		PLM [ ]	TEM [ ]
28	Flue Pack		PLM [ ]	TEM [ ]

Bl4-5172

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SAMPLING FORM

COMPANY CONTACT INFORMATION			
Company:	KPH Environmental Corp.	Job Contact:	Dean Jacobsen
Project Name:	Kenosha		
Project ID #:	18-400-001.5721	Tel:	(414) 647-1530

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

B14-5772

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SAMPLING FORM

COMPANY CONTACT INFORMATION			
Company:	KPH Environmental Corp.	Job Contact:	Dean Jacobsen
Project Name:	Kenosha		
Project ID #:	18-400-001.5721	Tel:	(414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
57	Linoleum		PLM ☒	TEM ☐
58	Linoleum		PLM ☐	TEM ☐
59	↓		PLM ☐	TEM ☐
60	↓		PLM ☐	TEM ☐
61	Texture		PLM ☐	TEM ☐
62	↓		PLM ☐	TEM ☐
63	↓		PLM ☐	TEM ☐
64	Linoleum		PLM ☐	TEM ☐
65	↓		PLM ☐	TEM ☐
66	↓		PLM ☐	TEM ☐
67	Linoleum		PLM ☐	TEM ☐
68	↓		PLM ☐	TEM ☐
69	↓		PLM ☐	TEM ☐
70	Shingle		PLM ☐	TEM ☐
71	↓		PLM ☐	TEM ☐
72	↓		PLM ☐	TEM ☐
73	Tar Paper		PLM ☐	TEM ☐
74	↓		PLM ☐	TEM ☐
75	↓		PLM ☐	TEM ☐
76	Linoleum		PLM ☐	TEM ☐
77	↓		PLM ☐	TEM ☐
78	↓		PLM ☐	TEM ☐
79	Wallboard		PLM ☐	TEM ☐
80	↓		PLM ☐	TEM ☐
81	↓		PLM ☐	TEM ☐
82	Tile		PLM ☐	TEM ☐
83	↓		PLM ☐	TEM ☐
84	↓		PLM ☑	TEM ☐

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SAMPLING FORM

B18-5172

COMPANY CONTACT INFORMATION			
Company:	KPH Environmental Corp.	Job Contact:	Dean Jacobsen
Project Name:	Kenosha		
Project ID #:	18-400-001.5721	Tel:	(414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST			
85	Linoleum		PLM	X	TEM	
86	↓		PLM	X	TEM	
87	↓		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	

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June 19, 2018

KPH Environmental Corp
1237 W Bruce St
Milwaukee, WI 53204

CLIENT PROJECT: Kenosha; 18-400-001.5721
CEI LAB CODE: B18-5172.1

Dear Customer:

Enclosed are asbestos analysis results for PLM bulk samples received at our laboratory on June 14, 2018. The samples were analyzed for asbestos using polarized light microscopy (PLM) point count per the EPA 600 Method.

Sample results containing > 1% asbestos are considered asbestos-containing materials (ACMs) per the EPA regulatory requirements. The detection limit for the EPA 600 method is 0.25% for 400 point counts, or 0.1% for 1,000 point counts.

Thank you for your business and we look forward to continuing good relations. If you have any questions, please feel free to call our office at 919-481-1413.

Kind Regards,

Tianbao Bai, Ph.D., CIH
Laboratory Director

NVLAP® TESTING
NVLAP LAB CODE 101768-0

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ASBESTOS ANALYTICAL REPORT
By: Polarized Light Microscopy

Prepared for

KPH Environmental Corp

CLIENT PROJECT: Kenosha; 18-400-001.5721

LAB CODE: B18-5172.1

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

REPORT DATE: 06/19/18

TEL: 866-481-1412

www.ceilabs.com

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

Lab Code: B18-5172.1
Date Received: 06-14-18
Date Analyzed: 06-19-18
Date Reported: 06-19-18

Project: Kenosha; 18-400-001.5721

ASBESTOS POINT COUNT PLM, EPA 600 METHOD

Client ID	Lab ID	Material Description	POINTS Total	POINTS Asbestos	ASBESTOS %	
38	B51205	Joint Compound	400	7	**1.8%**	**Chrysotile**
	B51205	Drywall/Joint Compound (Composite Result from Point Count)			**0.09%**	**Chrysotile**
Lab Notes: Joint compound is 5% of overall sample						
61	B51228	Texture	400	6	**1.5%**	**Chrysotile**

LEGEND: None

METHOD: EPA 600 / M4 / 82 / 020 (40 CFR Part 763, Sub. E, App. E)

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

REGULATORY LIMIT: >1% by weight

ANALYST: Mikaela Batta

Mikaela Batta

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:
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#:	18-400-001.5721
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:

Lab Code B18-5172

☐ Accept Samples
☐ Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
Dean Jacobsen	6/14/18 1450		

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 #:	18-400-001.5721	Tel:	(414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
58			PLM ☐	TEM ☐
61			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 ☐

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: C18-0456
Received: 06-11-18
Analyzed: 06-14-18
Reported: 06-14-18

Project: Kenosha; 18-400-001.5721

ANALYSIS METHOD: EPA SW846 7000B

CLIENT ID	LAB ID	PPM (µg/g)	CONCENTRATION % BY WEIGHT
P1	CA65383	460	**0.046**
P2	CA65384	35000	**3.5**

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 0.06% 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:	18-0456 (2)
CEI Lab I.D. Range:	CAU5383-CAU5384

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#	18-400-001.5721
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
	6/8/18 1700	MLS	6/11/18 8:50

Samples will be disposed of 30 days after analysis

C18-0486

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SAMPLING FORM

COMPANY CONTACT INFORMATION	
Company: KPH Environmental Corp.	Job Contact: Dean Jacobsen
Project Name: Kenosha	
Project ID #: 18-400-001.5721	Tel: (414) 647-1530

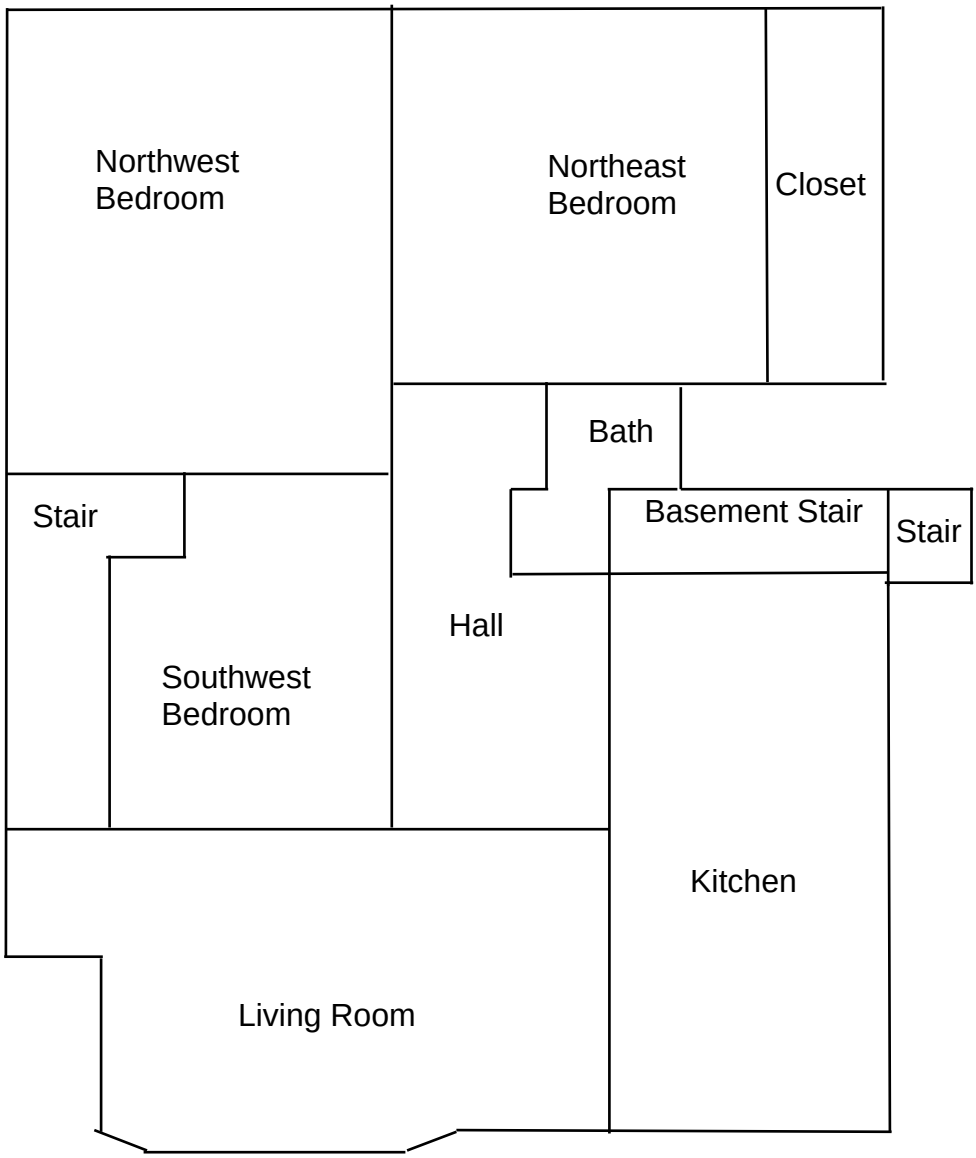
SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/AREA	COMMENTS
P1	Ext Well		
P2	Basement Well		

C. FLOOR PLANS

Two Family Dwelling
5721 13th Avenue
Kenosha, Wisconsin

N

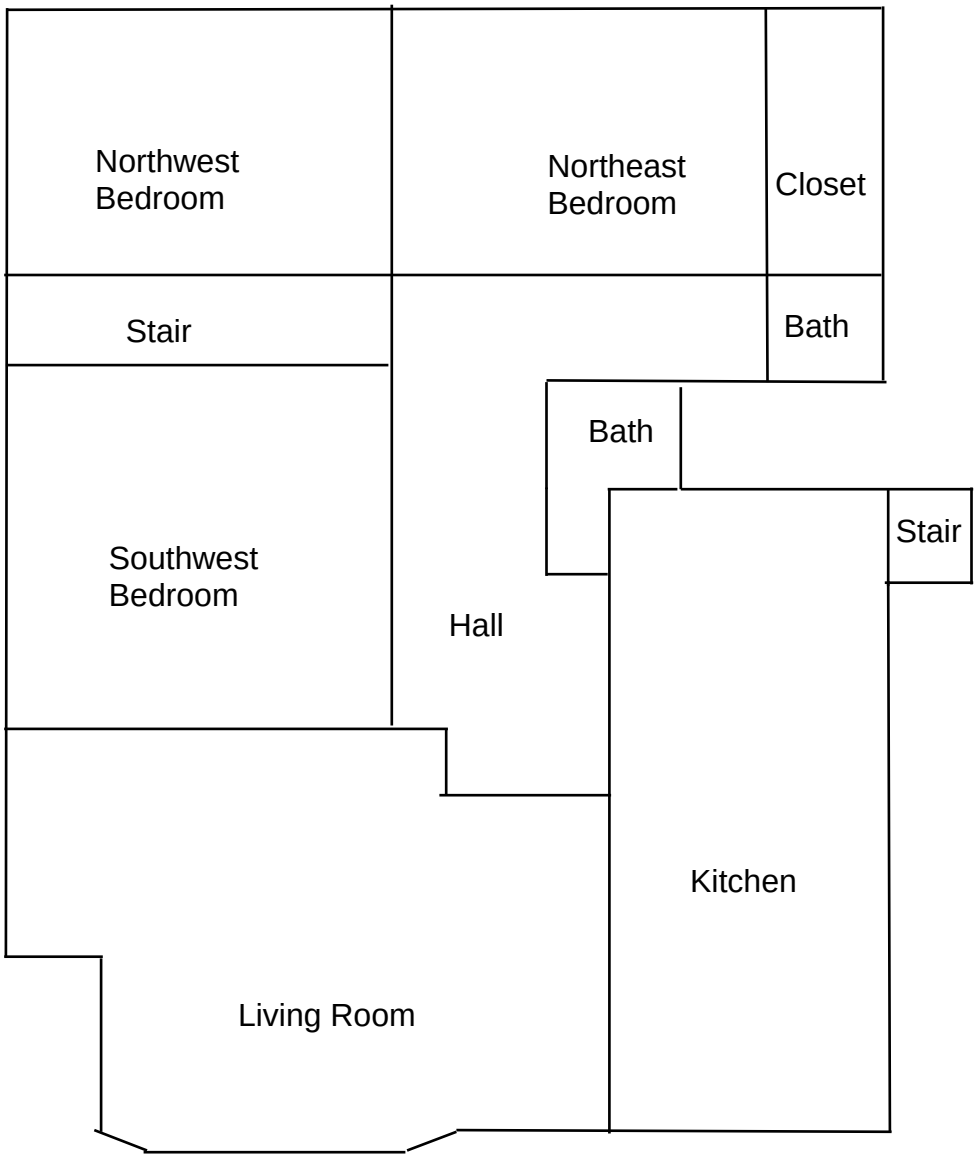
1st Floor Plan



Two Family Dwelling
5721 13th Avenue
Kenosha, Wisconsin

N

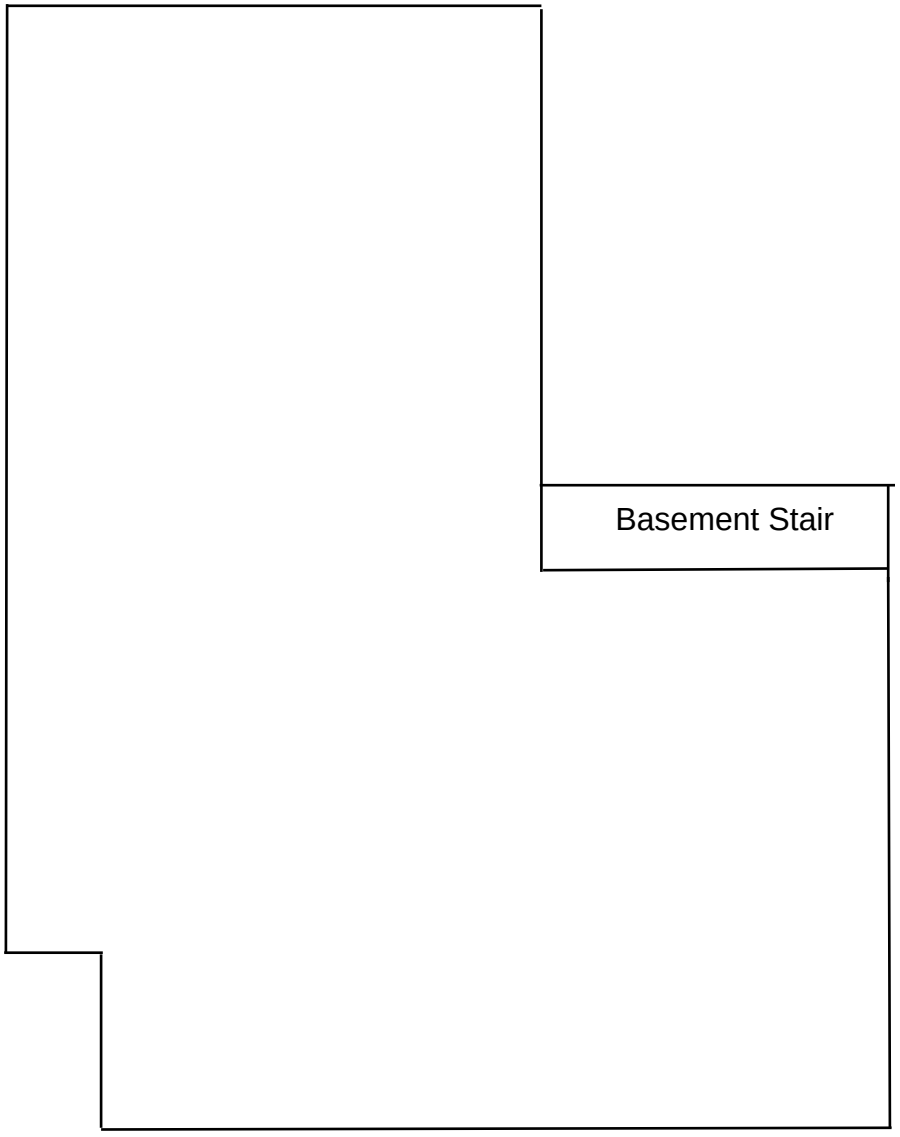
2nd Floor Plan



Two Family Dwelling
5721 13th Avenue
Kenosha, Wisconsin

N

Basement 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: 06/06/2016
Expiration Date: 09/10/2018, 12:01 a.m.
Certification #: CAP-1432180

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

Shelley A Bruce

Shelley A Bruce,
Unit Supervisor

Scott Walker
Governor

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

December 15, 2017

DEAN T JACOBSEN
W131S6781 KIPLING DR
MUSKEGO WI 53150-3401

ID# AII-14370

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

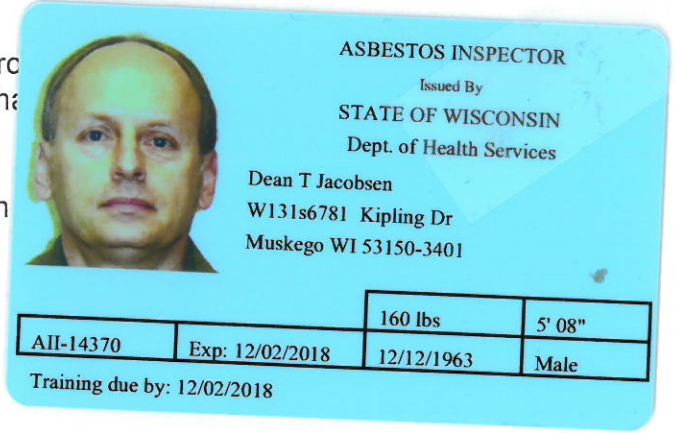
Follow Wisconsin law by making sure that you:

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

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

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

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

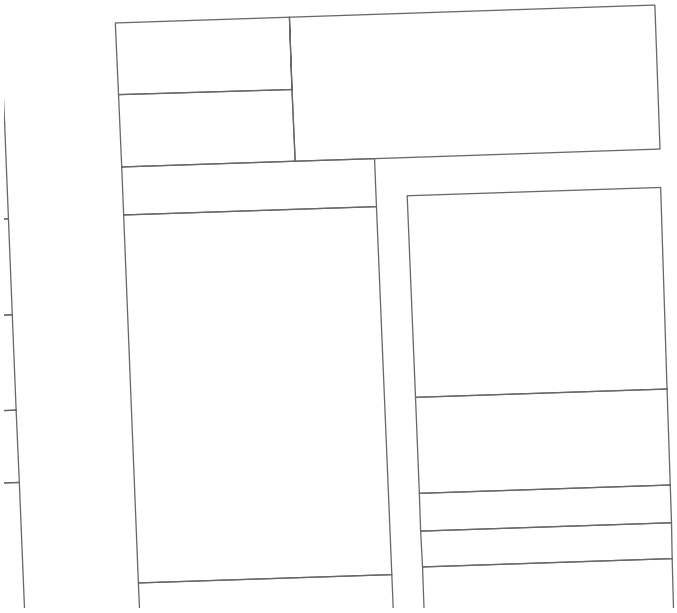


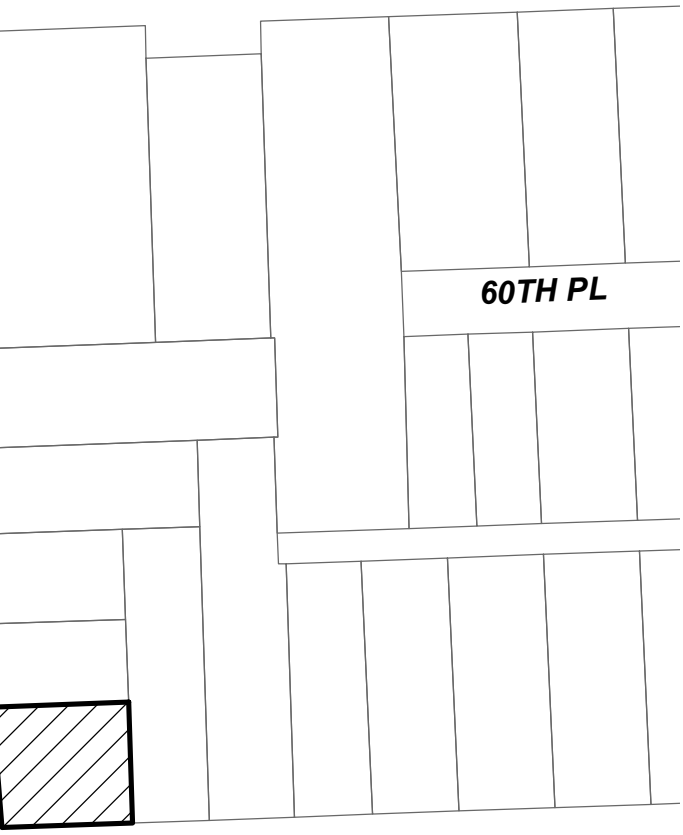
The Lead and Asbestos Certification Program
(608) 261-6876
DHSAsbestosLead@wi.gov
www.dhs.wisconsin.gov/asbestos
www.dhs.wisconsin.gov/lead

COPY

City of Kenosha

General Location Map





62ND ST

Subject Property: 6037 22nd Avenue
PIN: 05-123-06-228-015

0 100
Feet

DCDI ~ Community Development Division ~ JBL ~ ZK ~ February 28, 2018 ~ mc

PRE-DEMOLITION INSPECTION REPORT
Job Site:

Four Family Residence
6037 22nd 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 # 18-400-001.6037

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

KPH Environmental
1237 West Bruce Street
Milwaukee, Wisconsin 53204

June 2018

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Pre-Demolition Inspection Report
6037 22nd 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 four family residence at 6037 22nd 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 chip samples for laboratory analysis.

Asbestos was detected above the regulatory level of 1% in roof flashing, joint compound on a plaster wall, black wall panel mastic, black sink undercoat, mastic under pink ceramic tile, and duct wrap. It was detected at less than 1% in drywall/joint compound composite, mastic under blue and tan ceramic tile, 12" tan floor tile, and 9" cream and gray floor tile as verified by point counting.

Under state and federal laws, joint compound on a plaster wall, black wall panel mastic, black sink undercoat, mastic under pink ceramic tile, and duct wrap require abatement by a Wisconsin certified asbestos company 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 is on the basement exterior walls.

Universal wastes and other hazardous material were also observed in 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 four family residence at 6037 22nd 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 6037 22nd Avenue, Kenosha, Wisconsin, was conducted on June 7 and 11, 2018, to cover the items listed above. The inspection was conducted by Dean Jacobsen, Wisconsin Asbestos Inspector License No. 14370. Additional information on the inspection and results are contained in the following sections.

II. ASEBSTOS INSPECTION

A. Methods

This asbestos inspection included a visual determination as to the extent of visible and accessible suspect materials 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:

- Fiberboard
- Paper insulation
- Window glazing compound
- Asphalt shingle siding
- Asphalt roofing
- Caulk
- Tar paper
- Roof flashing
- Flue packing
- Floor tile/mastic
- Linoleum/mastic
- Ceiling tile
- Ceramic tile
- Sink undercoat

- Duct wrap
- Drywall/joint compound
- Plaster
- Texture
- 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 Labs 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
1-6037	Exterior – east wall under aluminum siding – fiberboard	Negative	MFB
2-6037	Exterior – north wall under aluminum siding – fiberboard	Negative	MFB
3-6037	Exterior – west wall under aluminum siding – fiberboard	Negative	MFB
4-6037	Exterior – east wall under wood siding – tan paper insulation	Negative	MPIt
5-6037	Exterior – east wall under wood siding – tan paper insulation	Negative	MPIt
6-6037	Exterior – north wall under wood siding – tan paper insulation	Negative	MPIt
7-6037	Basement – on east window – glazing compound	Negative	MPG
8-6037	Basement – on south window – glazing compound	Negative	MPG
9-6037	2nd floor – on northwest window – glazing compound	Negative	MPG
10-6037a	Exterior – around east window – clear caulk	Negative	MCLKc

Sample #	Location and Description	Results	Homogeneous Code
10-6037b	Exterior – around east window – green caulk	Negative	MCLKc
11-6037	Exterior – around north window – clear caulk	Negative	MCLKc
12-6037a	Exterior – around west window – clear caulk	Negative	MCLKc
12-6037b	Exterior – around west window – green caulk	Negative	MCLKc
13-6037	Exterior – southeast wall – fiberboard #2	Negative	MFB2
14-6037	Exterior – southeast wall – fiberboard #2	Negative	MFB2
15-6037	Exterior – southeast wall – fiberboard #2	Negative	MFB2
16-6037	Roof – northwest top layer – gray asphalt shingle	Negative	MRSy
17-6037	Roof – northwest top layer – gray asphalt shingle	Negative	MRSy
18-6037	Roof – northwest top layer – gray asphalt shingle	Negative	MRSy
19-6037	Roof – northwest bottom layer – tar paper	Negative	MPT
20-6037	Roof – northwest bottom layer – tar paper	Negative	MPT
21-6037	Roof – northwest bottom layer – tar paper	Negative	MPT
22-6037	Roof – northeast top layer – gray asphalt shingle #2	Negative	MRSy2
23-6037	Roof – southeast top layer – gray asphalt shingle #2	Negative	MRSy2
24-6037	Roof – east top layer – gray asphalt shingle #2	Negative	MRSy2
25-6037	Roof – northeast 2nd layer – gray and white asphalt shingle #2	Negative	MRSyw
26-6037	Roof – northeast 2nd layer – gray and white asphalt shingle #2	Negative	MRSyw
27-6037	Roof – northeast 2nd layer – gray and white asphalt shingle #2	Negative	MRSyw
28-6037	Roof – northeast bottom layer – red asphalt shingle	Negative	MRSr
29-6037	Roof – southeast bottom layer – red asphalt shingle	Negative	MRSr
30-6037	Roof – east bottom layer – red asphalt shingle	Negative	MRSr
31-6037	**Roof – on southwest roof near wall – black flashing**	**Positive 3% Chrysotile**	**MRF**
31-6037	**Point Count Result**	**Positive 4% Chrysotile**	**MRF**
32-6037	Not Analyzed Due to Prior Positive Sample	N/A	MRF
33-6037	Not Analyzed Due to Prior Positive Sample	N/A	MRF
34-6037a	Basement – east stair – north wall – plaster skim coat	Negative	SPl
34-6037b	Basement – east stair – north wall – plaster base coat	Negative	SPl
35-6037a	1st floor – west apartment bedroom – south wall – plaster skim coat	Negative	SPl
35-6037b	1st floor – west apartment bedroom – south wall – plaster base coat	Negative	SPl
36-6037a	1st floor – east apartment kitchen – south wall – plaster skim coat	Negative	SPl
36-6037b	1st floor – east apartment kitchen – south wall – plaster base coat	Negative	SPl
37-6037a	2nd floor – west apartment living room – east wall – plaster skim coat	Negative	SPl
37-6037b	2nd floor – west apartment living room – east wall – plaster base coat	Negative	SPl
38-6037a	**2nd floor – east apartment kitchen – east wall – joint compound layer**	**Positive 2% Chrysotile**	**SPl**
38-6037a	**Point Count Result**	**Positive 2.3% Chrysotile**	**SPl**
38-6037b	2nd floor – east apartment kitchen – east wall – plaster skim coat	Negative	SPl

Sample #	Location and Description	Results	Homogeneous Code
38-6037c	2nd floor – east apartment kitchen – east wall – plaster base coat	Negative	SPl
39-6037	Basement – on north side of chimney – flue packing	Negative	TFP
40-6037	Basement – on north side of chimney – flue packing	Negative	TFP
41-6037	Basement – on north side of chimney – flue packing	Negative	TFP
42-6037	1st floor – west apartment bedroom – under laminate floor – 9" tan floor tile	Negative	MF9t
43-6037	1st floor – west apartment living – under laminate floor – 9" tan floor tile	Negative	MF9t
44-6037	1st floor – east apartment stair – 9" tan floor tile	Negative	MF9t
45-6037a	1st floor – west apartment kitchen – top layer – tan and beige linoleum	Negative	MFLte
45-6037b	1st floor – west apartment kitchen – top layer – under tan and beige linoleum – clear mastic	Negative	MFLte
46-6037a	1st floor – east apartment entry – tan and beige linoleum	Negative	MFLte
46-6037b	1st floor – east apartment entry – under tan and beige linoleum – clear mastic	Negative	MFLte
47-6037a	2nd floor – east apartment kitchen – top layer – tan and beige linoleum	Negative	MFLte
47-6037b	2nd floor – east apartment kitchen – top layer – under tan and beige linoleum – clear mastic	Negative	MFLte
48-6037	1st floor – west apartment living room – northwest – 1' x 1' ceiling tile	Negative	MSCT11
49-6037	1st floor – west apartment living room – southwest – 1' x 1' ceiling tile	Negative	MSCT11
50-6037	2nd floor – east apartment living room – 1' x 1' ceiling tile	Negative	MSCT11
51-6037	1st floor – west apartment living room – on north wall under wood panel – tan mastic	Negative	MPMt
52-6037	1st floor – west apartment living room – on west wall under wood panel – tan mastic	Negative	MPMt
53-6037	1st floor – west apartment kitchen – on east center wall under wood panel – tan mastic	Negative	MPMt
54-6037	**1st floor – west apartment living room – on east wall under wood panel – black mastic**	**Positive 2% Chrysotile**	**MPMk**
54-6037	**Point Count Result**	**Positive 1.4% Chrysotile**	**MPMk**
55-6037	Not Analyzed Due to Prior Positive Sample	N/A	MPMk
56-6037	Not Analyzed Due to Prior Positive Sample	N/A	MPMk
57-6037	1st floor – west apartment kitchen – south wall – drywall/ joint compound	Negative	MDW
58-6037	1st floor – east apartment living room closet – north wall – drywall/ joint compound	Trace <1% Chrysotile	MDW
58-6037	Point Count Result	Trace 0.14% Chrysotile	MDW
59-6037	2nd floor – west apartment living room – south wall – drywall/ joint compound	Trace <1% Chrysotile	MDW
59-6037	Point Count Result	Trace 0.15% Chrysotile	MDW
60-6037	1st floor – west apartment kitchen – northwest – 2' x 4' pinholed and grooved ceiling tile	Negative	MSCT24PG

Sample #	Location and Description	Results	Homogeneous Code
61-6037	1st floor – west apartment kitchen – northeast – 2' x 4' pinholed and grooved ceiling tile	Negative	MSCT24PG
62-6037	1st floor – west apartment kitchen – southeast – 2' x 4' pinholed and grooved ceiling tile	Negative	MSCT24PG
63-6037a	1st floor – west apartment bathroom – top layer – 12" green floor tile	Negative	MF12g
63-6037b	1st floor – west apartment bathroom – top layer – under 12" green floor tile – clear mastic	Negative	MF12g
63-6037c	1st floor – west apartment bathroom – bottom layer – 12" gray floor tile	Negative	MF12y
63-6037d	1st floor – west apartment bathroom – bottom layer – under 12" gray floor tile – tan mastic	Negative	MF12y
64-6037a	1st floor – west apartment bathroom – top layer – 12" green floor tile	Negative	MF12g
64-6037b	1st floor – west apartment bathroom – top layer – under 12" green floor tile – clear mastic	Negative	MF12g
64-6037c	1st floor – west apartment bathroom – bottom layer – 12" gray floor tile	Negative	MF12y
64-6037d	1st floor – west apartment bathroom – bottom layer – under 12" gray floor tile – tan mastic	Negative	MF12y
65-6037a	1st floor – west apartment bathroom – top layer – 12" green floor tile	Negative	MF12g
65-6037b	1st floor – west apartment bathroom – top layer – under 12" green floor tile – clear mastic	Negative	MF12g
65-6037c	1st floor – west apartment bathroom – bottom layer – 12" gray floor tile	Negative	MF12y
65-6037d	1st floor – west apartment bathroom – bottom layer – under 12" gray floor tile – tan mastic	Negative	MF12y
66-6037a	1st floor – west apartment kitchen – on northwest wall – blue and tan ceramic tile	Negative	MCTMbt
66-6037b	1st floor – west apartment kitchen – on northwest wall – under blue and tan ceramic tile – tan mastic	Positive 2% Chrysotile	MCTMbt
66-6037b	Point Count Result	Trace 0.63% Chrysotile	MCTMbt
67-6037a	1st floor – west apartment kitchen – on northwest wall – blue and tan ceramic tile	Negative	MCTMbt
67-6037b	Not Analyzed Due to Prior Positive Sample	N/A	MCTMbt
68-6037a	1st floor – west apartment kitchen – on northwest wall – blue and tan ceramic tile	Negative	MCTMbt
68-6037b	Not Analyzed Due to Prior Positive Sample	N/A	MCTMbt
69-6037a	1st floor – west apartment bathroom – on wall at tub – cream ceramic tile	Negative	MCTMc
69-6037b	1st floor – west apartment bathroom – on wall at tub – under cream ceramic tile – beige mastic	Negative	MCTMc
69-6037c	1st floor – west apartment bathroom – on wall at tub – grout	Negative	MCTMc
70-6037a	1st floor – west apartment bathroom – on wall at tub – cream ceramic tile	Negative	MCTMc
70-6037b	1st floor – west apartment bathroom – on wall at tub – under cream ceramic tile – beige mastic	Negative	MCTMc
70-6037c	1st floor – west apartment bathroom – on wall at tub – grout	Negative	MCTMc

Sample #	Location and Description	Results	Homogeneous Code
71-6037a	1st floor – west apartment bathroom – on wall at tub – cream ceramic tile	Negative	MCTMc
71-6037b	1st floor – west apartment bathroom – on wall at tub – under cream ceramic tile – beige mastic	Negative	MCTMc
71-6037c	1st floor – west apartment bathroom – on wall at tub – grout	Negative	MCTMc
72-6037	**1st floor – east apartment kitchen – on sink – black undercoat**	**Positive 3% Chrysotile**	**MSUk**
72-6037	**Point Count Result**	**Positive 2.3% Chrysotile**	**MSUk**
73-6037	Not Analyzed Due to Prior Positive Sample	N/A	MSUk
74-6037	Not Analyzed Due to Prior Positive Sample	N/A	MSUk
75-6037a	1st floor – east apartment kitchen – on south wall – pink ceramic tile	Negative	MCTMp
75-6037b	1st floor – east apartment kitchen – on south wall – under pink ceramic tile – yellow mastic	Negative	MCTMp
76-6037a	1st floor – east apartment kitchen – on east wall – pink ceramic tile	Negative	MCTMp
76-6037b	1st floor – east apartment kitchen – on east wall – grout	Negative	MCTMp
76-6037c	**1st floor – east apartment kitchen – on east wall – under pink ceramic tile – brown mastic**	**Positive 3% Chrysotile**	**MCTMp**
76-6037c	**Point Count Result**	**Positive 2.6% Chrysotile**	**MCTMp**
77-6037a	1st floor – east apartment bathroom – on west wall – pink ceramic tile	Negative	MCTMp
77-6037b	Not Analyzed Due to Prior Positive Sample	N/A	MCTMp
78-6037	1st floor – east apartment kitchen – 2’ x 4’ grooved ceiling tile	Negative	MSCT24G
79-6037	1st floor – east apartment living room – 2’ x 4’ grooved ceiling tile	Negative	MSCT24G
80-6037	1st floor – east apartment bathroom – 2’ x 4’ grooved ceiling tile	Negative	MSCT24G
81-6037a	1st floor – east apartment bathroom – on wall at tub – beige ceramic tile	Negative	MCTMe
81-6037b	1st floor – east apartment bathroom – on wall at tub – grout	Negative	MCTMe
81-6037c	1st floor – east apartment bathroom – on wall at tub – under beige ceramic tile – white mastic	Negative	MCTMe
82-6037a	1st floor – east apartment bathroom – on wall at tub – beige ceramic tile	Negative	MCTMe
82-6037b	1st floor – east apartment bathroom – on wall at tub – grout	Negative	MCTMe
82-6037c	1st floor – east apartment bathroom – on wall at tub – under beige ceramic tile – white mastic	Negative	MCTMe
83-6037a	2nd floor – east apartment kitchen – on west wall – beige ceramic tile	Negative	MCTMe
83-6037b	2nd floor – east apartment kitchen – on west wall – grout	Negative	MCTMe
83-6037c	2nd floor – east apartment kitchen – on west wall – under beige ceramic tile – white mastic	Negative	MCTMe
84-6037	1st floor – east apartment bathroom – beige linoleum	Negative	MFLe
85-6037	1st floor – east apartment bathroom – beige linoleum	Negative	MFLe

Sample #	Location and Description	Results	Homogeneous Code
86-6037	1st floor – east apartment bathroom – beige linoleum	Negative	MFLe
87-6037	1st floor – east apartment bathroom – on tub – white caulk	Negative	MCLKw
88-6037	1st floor – east apartment bathroom – on tub – white caulk	Negative	MCLKw
89-6037	1st floor – east apartment bathroom – on tub – white caulk	Negative	MCLKw
90-6037a	1st floor – west apartment stair floor – red ceramic tile	Negative	MCTMr
90-6037b	1st floor – west apartment stair floor – grout	Negative	MCTMr
91-6037a	1st floor – west apartment stair floor – red ceramic tile	Negative	MCTMr
91-6037b	1st floor – west apartment stair floor – grout	Negative	MCTMr
92-6037a	1st floor – west apartment stair floor – red ceramic tile	Negative	MCTMr
92-6037b	1st floor – west apartment stair floor – grout	Negative	MCTMr
93-6037a	1st floor – west apartment stair on steps – 9" brown floor tile	Negative	MF9n
93-6037b	1st floor – west apartment stair on steps – under 9" brown floor tile – black mastic	Negative	MF9n
94-6037a	2nd floor – west apartment living room bottom layer – 9" brown floor tile	Negative	MF9n
94-6037b	2nd floor – west apartment living room bottom layer – under 9" brown floor tile – black mastic	Negative	MF9n
95-6037a	2nd floor – west apartment bedroom bottom layer – 9" brown floor tile	Negative	MF9n
95-6037b	2nd floor – west apartment bedroom bottom layer – under 9" brown floor tile – black mastic	Negative	MF9n
96-6037	2nd floor – west apartment living room – top layer north side – brown and black linoleum	Negative	MFLnk
97-6037	2nd floor – west apartment living room – top layer south side – brown and black linoleum	Negative	MFLnk
98-6037	2nd floor – west apartment bedroom – top layer – brown and black linoleum	Negative	MFLnk
99-6037	**2nd floor – west apartment bedroom – northeast closet on duct seams – duct wrap**	**Positive 65% Chrysotile**	**TDW**
100-6037	Not Analyzed Due to Prior Positive Sample	N/A	TDW
101-6037	Not Analyzed Due to Prior Positive Sample	N/A	TDW
102-6037a	2nd floor – west apartment kitchen – south side top layer – white and black linoleum	Negative	MFLwk
102-6037b	2nd floor – west apartment kitchen – south side 2nd layer – cream linoleum	Negative	MFLc
103-6037a	2nd floor – west apartment kitchen – center top layer – white and black linoleum	Negative	MFLwk
103-6037b	2nd floor – west apartment kitchen – center 2nd layer – cream linoleum	Negative	MFLc
104-6037a	2nd floor – west apartment kitchen – north side top layer – white and black linoleum	Negative	MFLwk
104-6037b	2nd floor – west apartment kitchen – north side 2nd layer – cream linoleum	Negative	MFLc
105-6037a	2nd floor – west apartment kitchen – south side 4th layer – 12" tan and brown floor tile	Negative	MF12tn
105-6037b	2nd floor – west apartment kitchen – south side 4th layer – under 12" tan and brown floor tile – clear mastic	Negative	MF12tn

Sample #	Location and Description	Results	Homogeneous Code
105-6037c	2nd floor – west apartment kitchen – south side 5th layer – 12" tan floor tile	Positive 3% Chrysotile	MF12t
105-6037c	Point Count Result	Trace 0.23% Chrysotile	MF12t
105-6037d	2nd floor – west apartment kitchen – south side 5th layer – under 12" tan floor tile – black mastic	Negative	MF12t
106-6037a	2nd floor – west apartment kitchen – center 4th layer – 12" tan and brown floor tile	Negative	MF12tn
106-6037b	2nd floor – west apartment kitchen – center 4th layer – under 12" tan and brown floor tile – clear mastic	Negative	MF12tn
106-6037c	Not Analyzed Due to Prior Positive Sample	N/A	MF12t
106-6037d	2nd floor – west apartment kitchen – center 5th layer – under 12" tan floor tile – black mastic	Negative	MF12t
107-6037a	2nd floor – west apartment kitchen – north side 4th layer – 12" tan and brown floor tile	Negative	MF12tn
107-6037b	2nd floor – west apartment kitchen – north side 4th layer – under 12" tan and brown floor tile – clear mastic	Negative	MF12tn
107-6037c	Not Analyzed Due to Prior Positive Sample	N/A	MF12t
107-6037d	2nd floor – west apartment kitchen – north side 5th layer – under 12" tan floor tile – black mastic	Negative	MF12t
108-6037a	2nd floor – west apartment kitchen – on south wall – tan ceramic tile	Negative	MCTMt
108-6037b	2nd floor – west apartment kitchen – on south wall – grout	Negative	MCTMt
108-6037c	2nd floor – west apartment kitchen – on south wall – under tan ceramic tile – yellow/brown mastic	Negative	MCTMt
109-6037a	2nd floor – west apartment bathroom – on south wall – tan ceramic tile	Negative	MCTMt
109-6037b	2nd floor – west apartment bathroom – on south wall – grout	Negative	MCTMt
109-6037c	2nd floor – west apartment bathroom – on south wall – under tan ceramic tile – yellow/brown mastic	Negative	MCTMt
110-6037a	2nd floor – west apartment bathroom – on east wall – tan ceramic tile	Negative	MCTMt
110-6037b	2nd floor – west apartment bathroom – on east wall – grout	Negative	MCTMt
110-6037c	2nd floor – west apartment bathroom – on east wall – under tan ceramic tile – yellow/brown mastic	Negative	MCTMt
111-6037a	2nd floor – west apartment bathroom – 12" gray and blue floor tile	Negative	MF12yb
111-6037b	2nd floor – west apartment bathroom – under 12" gray and blue floor tile – clear mastic	Negative	MF12yb
112-6037a	2nd floor – west apartment bathroom – 12" gray and blue floor tile	Negative	MF12yb
112-6037b	2nd floor – west apartment bathroom – under 12" gray and blue floor tile – clear mastic	Negative	MF12yb
113-6037a	2nd floor – west apartment bathroom – 12" gray and blue floor tile	Negative	MF12yb
113-6037b	2nd floor – west apartment bathroom – under 12" gray and blue floor tile – clear mastic	Negative	MF12yb
114-6037	2nd floor – west apartment bathroom – on tub – white caulk #2	Negative	MCLKw2

Sample #	Location and Description	Results	Homogeneous Code
115-6037	2nd floor – west apartment bathroom – on tub – white caulk #2	Negative	MCLKw2
116-6037	2nd floor – east apartment bathroom – on tub – white caulk #2	Negative	MCLKw2
117-6037	2nd floor – west apartment living room – west side on ceiling – texture	Negative	STX
118-6037	2nd floor – west apartment living room – south side on ceiling – texture	Negative	STX
119-6037	2nd floor – west apartment living room – north side on ceiling – texture	Negative	STX
120-6037a	2nd floor – east apartment kitchen – center 3rd layer – 9" cream and gray floor tile	Positive 3% Chrysotile	MF9cy
120-6037b	Point Count Result	Trace 0.17% Chrysotile	MF9cy
120-6037b	2nd floor – east apartment kitchen – center 3rd layer – under 9" cream and gray floor tile – black mastic	Negative	MF9cy
121-6037a	Not Analyzed Due to Prior Positive Sample	N/A	MF9cy
121-6037b	2nd floor – east apartment kitchen – west side 3rd layer – under 9" cream and gray floor tile – black mastic	Negative	MF9cy
122-6037a	Not Analyzed Due to Prior Positive Sample	N/A	MF9cy
122-6037b	2nd floor – east apartment kitchen – south side 3rd layer – under 9" cream and gray floor tile – black mastic	Negative	MF9cy
123-6037	2nd floor – east apartment kitchen closet – 9" beige and gray floor tile	Negative	MF9ey
124-6037	2nd floor – east apartment kitchen closet – 9" beige and gray floor tile	Negative	MF9ey
125-6037	2nd floor – east apartment kitchen closet – 9" beige and gray floor tile	Negative	MF9ey
126-6037	2nd floor – east apartment bathroom – tan and cream linoleum	Negative	MFLtc
127-6037	2nd floor – east apartment bathroom – tan and cream linoleum	Negative	MFLtc
128-6037	2nd floor – east apartment bathroom – tan and cream linoleum	Negative	MFLtc

Homogeneous Material Codes

SPl	Plaster
STX	Texture
MFB	Fiberboard
MFB2	Fiberboard #2
MPIt	Tan Paper Insulation
MPG	Window Glazing Compound
MCLKc	Clear Caulk
MCLKg	Green Caulk
MCLKw	White Caulk
MCLKw2	White Caulk #2
MRSy	Gray Asphalt Shingle
MRSy2	Gray Asphalt Shingle #2
MRSyw	Gray & White Asphalt Shingle
MRSr	Red Asphalt Shingle
MPT	Tar Paper
MRF	Roof Flashing

Homogeneous Material Codes

MF9t	9” Tan Floor Tile
MF9n	9” Brown Floor Tile
MF9cy	9” Cream & Gray Floor Tile
MF9ey	9” Beige & Gray Floor Tile
MF12g	12” Green Floor Tile
MF12y	12” Gray Floor Tile
MF12tn	12” Tan & Brown Floor Tile
MF12t	12” Tan Floor Tile
MF12yb	12” Gray & Blue Floor Tile
MFLte	Tan & Beige Linoleum
MFLe	Beige Linoleum
MFLnk	Brown & Black Linoleum
MFLwk	White & Black Linoleum
MFLc	Cream Linoleum
MFLtc	Tan & Cream Linoleum
MSCT11	1’ x 1’ Ceiling Tile
MSCT24PG	2’ x 4’ Pinholed & Grooved Ceiling Tile
MSCT24G	2’ x 4’ Grooved Ceiling Tile
MPMt	Tan Wall Panel Mastic
MPMk	Black Wall Panel Mastic
MDW	Drywall/Joint Compound
MCTMbt	Blue & Tan Ceramic Tile
MCTMc	Cream Ceramic Tile
MCTMp	Pink Ceramic Tile
MCTMe	Beige Ceramic Tile
MCTMr	Red Ceramic Tile
MCTMt	Tan Ceramic Tile
MSUk	Black Sink Undercoat
TFP	Flue Packing
TDW	Duct Wrap

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
Roof Flashing	MRF	Southwest Roof, Southeast Roof, and East Roof at Walls	75 LF	Poor
Joint Compound Layer on Plaster Wall	SPl	2nd Floor East Apartment Kitchen on East Wall	100 SF	Good
Black Wall Panel Mastic	MPMk	1st Floor West Apartment Living Room on Southeast Wall	100 SF	Good
Black Sink Undercoat	MSUk	1st Floor East Apartment Kitchen	1 Sink	Good
Brown Mastic Under Pink Ceramic Wall Tile	MCTMp	1st Floor East Apartment Kitchen South Wall & Bathroom Walls	80 SF	Good
Duct Wrap	TDW	2nd Floor West Apartment Bedroom Northeast Closet	1 SF	Good

The joint compound on plaster and the duct wrap are friable asbestos containing materials. They were in good condition at the time of the inspection. They are they would be then be defined as regulated asbestos containing material (RACM) under NR 447 of the Wisconsin Administrative Code and require abatement prior to demolition.

The black wall panel mastic, black sink undercoat, and brown mastic under pink ceramic tile are category II non-friable asbestos containing materials. They were in good condition at the time of the inspection. These materials have a high probability of becoming crumbled, pulverized or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations. KPH recommends that these ACMs be abated prior to demolition.

The roof flashing is a category I non-friable asbestos containing material. It was in poor 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 regulated asbestos containing material (RACM) under NR 447 of the Wisconsin Administrative Code. If it does not become RACM during demolition, under NR 447 it 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.

The drywall/joint compound composite, tan mastic under blue and tan ceramic tile, 12" tan floor tile, and 9" cream and gray floor tile contain less than 1% asbestos as verified by the point count method, and by definition in NR 447 are not ACMs.

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 and sampling testing at the single family residence at 6037 22nd Avenue, Kenosha, Wisconsin, took place on June 7, 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. Not all surfaces were sampled - Representative samples of paint were collected from painted surfaces representing different paint colors and substrates. The results apply only to those surfaces that were sampled.

The OSHA Lead in Construction regulation 29CFR 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. The laboratory report is in Appendix B.

Interior: Four family residence at 6037 22nd Avenue, Kenosha, Wisconsin

- Painted brick was observed on the basement walls and floor. Lead was detected and the white paint on the brick walls and gray paint on the are not lead based paint.

Exterior: Four family residence at 6037 22nd Avenue, Kenosha, Wisconsin

- Painted brick was observed on basement walls. The black white paint on the basement brick walls contains lead and is lead based paint.

The following are the laboratory results.

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P1	**Exterior**	**East Basement Wall**	**Brick**	**Black**	**30**
P2	Basement	South Wall	Brick	White/Green	0.12
P2	Basement	Floor	Concrete	Gray	0.11

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

Material	Location	Approximate Quantity
Fluorescent Bulbs-Mercury	1st Floor West Apartment & East Apartment Kitchens, 1st Floor East Apartment Living Room & Bathroom, 2nd Floor East Apartment Kitchen, Basement	21 Tubes, 1 Compact
Fluorescent Ballasts-PCB	1st Floor West Apartment & East Apartment Kitchens, 1st Floor East Apartment Living Room & Bathroom, Basement	12
Paint	1st Floor West Stair	2 Gallons
Thermostats-Mercury Switch	1st Floor East Apartment Living Room, 2nd Floor West Apartment Living Room	2
Oil Tank	Basement	1
Refrigerator-CFC	1st Floor East Apartment Kitchen, 2nd Floor West Apartment & East Apartment Kitchens	3

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 painted locations that were sampled on the building. This report represents the condition of the building and the visible/accessible locations sampled 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

eurofins | CEI

June 14, 2018

KPH Environmental Corp
1237 W Bruce St
Milwaukee, WI 53204

CLIENT PROJECT: Kenosha; 18-400-001.6037
CEI LAB CODE: B18-5281

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on June 12, 2018. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% asbestos by weight as determined by visual estimation.

Thank you for your business and we look forward to continuing good relations. If you have any questions, please feel free to call our office at 919-481-1413.

Kind Regards,

Tianbao Bai, Ph.D., CIH
Laboratory Director

NVLAP® TESTING
NVLAP LAB CODE 101768-0

ASBESTOS ANALYTICAL REPORT
By: Polarized Light Microscopy

Prepared for

KPH Environmental Corp

CLIENT PROJECT: Kenosha; 18-400-001.6037

LAB CODE: B18-5281

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

REPORT DATE: 06/14/18

TOTAL SAMPLES ANALYZED: 128

SAMPLES >1% ASBESTOS: 9

TEL: 866-481-1412

www.ceilabs.com

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.6037 **LAB CODE:** B18-5281

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
1-6037		B53357	Brown	Fiberboard	None Detected
2-6037		B53358	Brown	Fiberboard	None Detected
3-6037		B53359	Brown	Fiberboard	None Detected
4-6037		B53360	Black	Paper	None Detected
5-6037		B53361	Brown	Paper	None Detected
6-6037		B53362	Black	Paper	None Detected
7-6037		B53363	Tan	Glazing	None Detected
8-6037		B53364	Tan	Glazing	None Detected
9-6037		B53365	Tan	Glazing	None Detected
10-6037	Layer 1	B53366	Clear	Caulking	None Detected
	Layer 2	B53366	Green	Caulking	None Detected
11-6037		B53367	Clear	Caulking	None Detected
12-6037	Layer 1	B53368	Clear	Caulking	None Detected
	Layer 2	B53368	Green	Caulking	None Detected
13-6037		B53369	Brown	Fiberboard	None Detected
14-6037		B53370	Brown	Fiberboard	None Detected
15-6037		B53371	Brown	Fiberboard	None Detected
16-6037		B53372	Black	Shingle	None Detected
17-6037		B53373	Black	Shingle	None Detected
18-6037		B53374	Black	Shingle	None Detected
19-6037		B53375	Black	Tarpaper	None Detected
20-6037		B53376	Black	Tarpaper	None Detected
21-6037		B53377	Black	Tarpaper	None Detected
22-6037		B53378	Black	Shingle	None Detected
23-6037		B53379	Black	Shingle	None Detected
24-6037		B53380	Black	Shingle	None Detected
25-6037		B53381	Black	Shingle	None Detected
26-6037		B53382	Black	Shingle	None Detected
27-6037		B53383	Black	Shingle	None Detected
28-6037		B53384	Brown	Shingle	None Detected
29-6037		B53385	Brown	Shingle	None Detected

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.6037 **LAB CODE:** B18-5281

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
30-6037		B53386	Brown	Shingle	None Detected
31-6037		B53387	Gray	Flashing	Chrysotile 3%
32-6037		B53388		Sample Not Analyzed per COC	
33-6037		B53389		Sample Not Analyzed per COC	
34-6037	Layer 1	B53390	White	Plaster Skim Coat	None Detected
	Layer 2	B53390	Gray	Plaster Base Coat	None Detected
35-6037	Layer 1	B53391	White	Plaster Skim Coat	None Detected
	Layer 2	B53391	Gray	Plaster Base Coat	None Detected
36-6037	Layer 1	B53392	White	Plaster Skim Coat	None Detected
	Layer 2	B53392	Gray	Plaster Base Coat	None Detected
37-6037	Layer 1	B53393	White	Plaster Skim Coat	None Detected
	Layer 2	B53393	Gray	Plaster Base Coat	None Detected
38-6037	Layer 1	B53394	White	Plaster Surface Coat	Chrysotile 2%
	Layer 2	B53394	White	Plaster Skim Coat	None Detected
	Layer 3	B53394	Gray	Plaster Base Coat	None Detected
39-6037		B53395	Green	Flue Pack	None Detected
40-6037		B53396	Green	Flue Pack	None Detected
41-6037		B53397	Green	Flue Pack	None Detected
42-6037		B53398	Brown	Tile (Sheet Vinyl)	None Detected
43-6037		B53399	Brown	Tile (Sheet Vinyl)	None Detected
44-6037		B53400	Brown	Tile (Sheet Vinyl)	None Detected
45-6037	Layer 1	B53401	Cream	Linoleum	None Detected
	Layer 2	B53401	Clear	Mastic	None Detected
46-6037	Layer 1	B53402	Cream	Linoleum	None Detected
	Layer 2	B53402	Clear	Mastic	None Detected
47-6037	Layer 1	B53403	Cream	Linoleum	None Detected
	Layer 2	B53403	Clear	Mastic	None Detected
48-6037		B53404	Brown	Tile	None Detected
49-6037		B53405	Brown	Tile	None Detected
50-6037		B53406	Brown	Tile	None Detected
51-6037		B53407	Tan	Mastic	None Detected

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.6037 **LAB CODE:** B18-5281

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
52-6037		B53408	Tan	Mastic	None Detected
53-6037		B53409	Tan	Mastic	None Detected
54-6037		B53410	Black	Mastic	Chrysotile 2%
55-6037		B53411		Sample Not Analyzed per COC	
56-6037		B53412		Sample Not Analyzed per COC	
57-6037		B53413	Gray,White	Drywall/Mud	None Detected
58-6037		B53414	Gray,Tan	Drywall/Mud	Chrysotile <1%
59-6037		B53415	Gray,Off-white	Drywall/Mud	Chrysotile <1%
60-6037		B53416	White	Tile	None Detected
61-6037		B53417	White	Tile	None Detected
62-6037		B53418	White	Tile	None Detected
63-6037		B53419A	Gray,Black	Tile	None Detected
		B53419B	Clear	Mastic	None Detected
		B53419C	Gray,Brown	Tile	None Detected
		B53419D	Tan	Mastic	None Detected
64-6037		B53420A	Gray,Black	Tile	None Detected
		B53420B	Clear	Mastic	None Detected
		B53420C	Gray,Brown	Tile	None Detected
		B53420D	Tan	Mastic	None Detected
65-6037		B53421A	Gray,Black	Tile	None Detected
		B53421B	Clear	Mastic	None Detected
		B53421C	Gray,Brown	Tile	None Detected
		B53421D	Tan	Mastic	None Detected
66-6037		B53422A	Green	Tile	None Detected
		B53422B	Tan	Mastic	Chrysotile 2%
67-6037		B53423A	Green	Tile	None Detected
		B53423B		Sample Not Analyzed per COC	
68-6037		B53424A	Green	Tile	None Detected
		B53424B		Sample Not Analyzed per COC	
69-6037		B53425A	White	Tile	None Detected
	Layer 1	B53425B	Beige	Mastic	None Detected

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.6037 **LAB CODE:** B18-5281

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
	Layer 2	B53425B	White	Grout	None Detected
70-6037		B53426A	White	Tile	None Detected
	Layer 1	B53426B	Beige	Mastic	None Detected
	Layer 2	B53426B	White	Grout	None Detected
71-6037		B53427A	White	Tile	None Detected
	Layer 1	B53427B	Beige	Mastic	None Detected
	Layer 2	B53427B	White	Grout	None Detected
72-6037		B53428	Black	Undercoat	Chrysotile 3%
73-6037		B53429		Sample Not Analyzed per COC	
74-6037		B53430		Sample Not Analyzed per COC	
75-6037		B53431A	Beige	Tile	None Detected
		B53431B	Yellow	Mastic	None Detected
76-6037		B53432A	Pink	Tile	None Detected
	Layer 1	B53432B	White	Grout	None Detected
	Layer 2	B53432B	Brown	Mastic	Chrysotile 3%
77-6037		B53433A	Pink	Tile	None Detected
		B53433B		Sample Not Analyzed per COC	
78-6037		B53434	White	Tile	None Detected
79-6037		B53435	White	Tile	None Detected
80-6037		B53436	White	Tile	None Detected
81-6037		B53437A	Off-white	Tile	None Detected
	Layer 1	B53437B	White	Grout	None Detected
	Layer 2	B53437B	White	Mastic	None Detected
82-6037		B53438A	Off-white	Tile	None Detected
	Layer 1	B53438B	White	Grout	None Detected
	Layer 2	B53438B	White	Mastic	None Detected
83-6037		B53439A	Off-white	Tile	None Detected
	Layer 1	B53439B	White	Grout	None Detected
	Layer 2	B53439B	White	Mastic	None Detected
84-6037		B53440	Off-white	Linoleum	None Detected
85-6037		B53441	Off-white	Linoleum	None Detected

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.6037 **LAB CODE:** B18-5281

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
86-6037		B53442	Off-white	Linoleum	None Detected
87-6037		B53443	Off-white	Caulking	None Detected
88-6037		B53444	Off-white	Caulking	None Detected
89-6037		B53445	Off-white	Caulking	None Detected
90-6037	Layer 1	B53446	Red	Tile (brick)	None Detected
	Layer 2	B53446	Gray	Grout	None Detected
91-6037	Layer 1	B53447	Red	Tile (brick)	None Detected
	Layer 2	B53447	Gray	Grout	None Detected
92-6037	Layer 1	B53448	Red	Tile (brick)	None Detected
	Layer 2	B53448	Gray	Grout	None Detected
93-6037	Layer 1	B53449	Tan	Tile	None Detected
	Layer 2	B53449	Black	Mastic	None Detected
94-6037	Layer 1	B53450	Tan	Tile	None Detected
	Layer 2	B53450	Black	Mastic	None Detected
95-6037	Layer 1	B53451	Tan	Tile	None Detected
	Layer 2	B53451	Black	Mastic	None Detected
96-6037		B53452	Brown	Linoleum	None Detected
97-6037		B53453	Brown	Linoleum	None Detected
98-6037		B53454	Brown	Linoleum	None Detected
99-6037		B53455	Off-white	Insulation	Chrysotile 65%
100-6037		B53456		Sample Not Analyzed per COC	
101-6037		B53457		Sample Not Analyzed per COC	
102-6037		B53458A	Black,White	Linoleum	None Detected
		B53458B	Off-white	Linoleum	None Detected
103-6037		B53459A	Black,White	Linoleum	None Detected
		B53459B	Off-white	Linoleum	None Detected
104-6037		B53460A	Black,White	Linoleum	None Detected
		B53460B	Off-white	Linoleum	None Detected
105-6037		B53461A	Tan,Brown	Tile	None Detected
		B53461B	Clear	Mastic	None Detected
		B53461C	Gray	Tile	Chrysotile 3%

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.6037 **LAB CODE:** B18-5281

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
		B53461D	Black	Mastic	None Detected
106-6037		B53462A	Tan,Brown	Tile	None Detected
		B53462B	Clear	Mastic	None Detected
		B53462C		Sample Not Analyzed per COC	
		B53462D	Black	Mastic	None Detected
107-6037		B53463A	Tan,Brown	Tile	None Detected
		B53463B	Clear	Mastic	None Detected
		B53463C		Sample Not Analyzed per COC	
		B53463D	Black	Mastic	None Detected
108-6037		B53464A	Off-white	Tile	None Detected
	Layer 1	B53464B	White	Grout	None Detected
	Layer 2	B53464B	Yellow,Brown	Mastic	None Detected
109-6037		B53465A	Off-white	Tile	None Detected
	Layer 1	B53465B	White	Grout	None Detected
	Layer 2	B53465B	Yellow,Brown	Mastic	None Detected
110-6037		B53466A	Off-white	Tile	None Detected
	Layer 1	B53466B	White	Grout	None Detected
	Layer 2	B53466B	Yellow,Brown	Mastic	None Detected
111-6037		B53467A	Gray	Tile	None Detected
		B53467B	Clear	Mastic	None Detected
112-6037		B53468A	Gray	Tile	None Detected
		B53468B	Clear	Mastic	None Detected
113-6037		B53469A	Gray	Tile	None Detected
		B53469B	Clear	Mastic	None Detected
114-6037		B53470	White	Caulking	None Detected
115-6037		B53471	White	Caulking	None Detected
116-6037		B53472	White	Caulking	None Detected
117-6037		B53473	Off-white	Texture	None Detected
118-6037		B53474	Off-white	Texture	None Detected
119-6037		B53475	Off-white	Texture	None Detected
120-6037		B53476A	Gray,Green	Tile	Chrysotile 3%

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.6037 **LAB CODE:** B18-5281

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
		B53476B	Black	Mastic	None Detected
121-6037		B53477A		Sample Not Analyzed per COC	
		B53477B	Black	Mastic	None Detected
122-6037		B53478A		Sample Not Analyzed per COC	
		B53478B	Black	Mastic	None Detected
123-6037		B53479	Off-white	Tile	None Detected
124-6037		B53480	Off-white	Tile	None Detected
125-6037		B53481	Off-white	Tile	None Detected
126-6037		B53482	Off-white	Linoleum	None Detected
127-6037		B53483	Off-white	Linoleum	None Detected
128-6037		B53484	Off-white	Linoleum	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

Lab Code: B18-5281
Date Received: 06-12-18
Date Analyzed: 06-14-18
Date Reported: 06-14-18

Project: Kenosha; 18-400-001.6037

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
1-6037 B53357	Fiberboard	Heterogeneous Brown Fibrous Bound	100%	Cellulose	<1%	Tar	None Detected
Lab Notes: YN:B53357-B53426							
2-6037 B53358	Fiberboard	Heterogeneous Brown Fibrous Bound	100%	Cellulose	<1%	Tar	None Detected
3-6037 B53359	Fiberboard	Heterogeneous Brown Fibrous Bound	100%	Cellulose	<1%	Tar	None Detected
4-6037 B53360	Paper	Heterogeneous Black Fibrous Bound	70%	Cellulose	30%	Tar	None Detected
5-6037 B53361	Paper	Homogeneous Brown Fibrous Bound	100%	Cellulose			None Detected
6-6037 B53362	Paper	Heterogeneous Black Fibrous Bound	70%	Cellulose	30%	Tar	None Detected
7-6037 B53363	Glazing	Heterogeneous Tan Non-fibrous Bound			85% 15%	Binder Paint	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-ASBESTOS COMPONENTS Non-Fibrous		ASBESTOS %
8-6037 B53364	Glazing	Heterogeneous Tan Non-fibrous Bound			85% 15%	Binder Paint	None Detected
9-6037 B53365	Glazing	Heterogeneous Tan Non-fibrous Bound			85% 15%	Binder Paint	None Detected
10-6037 Layer 1 B53366	Caulking	Heterogeneous Clear Non-fibrous Bound			100%	Caulk	None Detected
Layer 2 B53366	Caulking	Heterogeneous Green Fibrous Bound	5%	Talc	95%	Caulk	None Detected
11-6037 B53367	Caulking	Heterogeneous Clear Non-fibrous Bound			100%	Caulk	None Detected
12-6037 Layer 1 B53368	Caulking	Heterogeneous Clear Non-fibrous Bound			100%	Caulk	None Detected
Layer 2 B53368	Caulking	Heterogeneous Green Fibrous Bound	5%	Talc	95%	Caulk	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 %
13-6037 B53369	Fiberboard	Heterogeneous Brown Fibrous Bound	95%	Cellulose	<1% 5%	Tar Paint	None Detected
14-6037 B53370	Fiberboard	Heterogeneous Brown Fibrous Bound	95%	Cellulose	<1% 5%	Tar Paint	None Detected
15-6037 B53371	Fiberboard	Heterogeneous Brown Fibrous Bound	95%	Cellulose	<1% 5%	Tar Paint	None Detected
16-6037 B53372	Shingle	Heterogeneous Black Fibrous Bound	30%	Fiberglass	45% 25%	Tar Gravel	None Detected
17-6037 B53373	Shingle	Heterogeneous Black Fibrous Bound	30%	Fiberglass	45% 25%	Tar Gravel	None Detected
18-6037 B53374	Shingle	Heterogeneous Black Fibrous Bound	30%	Fiberglass	45% 25%	Tar Gravel	None Detected
19-6037 B53375	Tarpaper	Heterogeneous Black Fibrous Bound	70%	Cellulose	30%	Tar	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 %
20-6037 B53376	Tarpaper	Heterogeneous Black Fibrous Bound	70%	Cellulose	30%	Tar	None Detected
21-6037 B53377	Tarpaper	Heterogeneous Black Fibrous Bound	70%	Cellulose	30%	Tar	None Detected
22-6037 B53378	Shingle	Heterogeneous Black Fibrous Bound	30%	Fiberglass	45% 25%	Tar Gravel	None Detected
23-6037 B53379	Shingle	Heterogeneous Black Fibrous Bound	30%	Fiberglass	45% 25%	Tar Gravel	None Detected
24-6037 B53380	Shingle	Heterogeneous Black Fibrous Bound	30%	Fiberglass	45% 25%	Tar Gravel	None Detected
25-6037 B53381	Shingle	Heterogeneous Black Fibrous Bound	30%	Fiberglass	45% 25%	Tar Gravel	None Detected
26-6037 B53382	Shingle	Heterogeneous Black Fibrous Bound	30%	Fiberglass	45% 25%	Tar Gravel	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 %
27-6037 B53383	Shingle	Heterogeneous Black Fibrous Bound	30%	Fiberglass	45% 25%	Tar Gravel	None Detected
28-6037 B53384	Shingle	Heterogeneous Brown Fibrous Bound	30%	Fiberglass	45% 25%	Tar Gravel	None Detected
29-6037 B53385	Shingle	Heterogeneous Brown Fibrous Bound	30%	Fiberglass	45% 25%	Tar Gravel	None Detected
30-6037 B53386	Shingle	Heterogeneous Brown Fibrous Bound	30%	Fiberglass	45% 25%	Tar Gravel	None Detected
31-6037 B53387	Flashing	Heterogeneous Gray Fibrous Bound			85% 12%	Tar Binder	**3% Chrysotile**
32-6037 B53388	Sample Not Analyzed per COC						
33-6037 B53389	Sample Not Analyzed per COC						
34-6037 Layer 1 B53390	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound			60% 25% 15%	Calc Carb Silicates Paint	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 B53390	Plaster Base Coat	Heterogeneous Gray Fibrous Bound	3% 2%	Cellulose Hair	85% 10%	Silicates Binder	None Detected
35-6037 Layer 1 B53391	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound			60% 25% 15%	Calc Carb Silicates Paint	None Detected
Layer 2 B53391	Plaster Base Coat	Heterogeneous Gray Fibrous Bound	3% 2%	Cellulose Hair	85% 10%	Silicates Binder	None Detected
36-6037 Layer 1 B53392	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound			60% 25% 15%	Calc Carb Silicates Paint	None Detected
Layer 2 B53392	Plaster Base Coat	Heterogeneous Gray Fibrous Bound	3% 2%	Cellulose Hair	85% 10%	Silicates Binder	None Detected
37-6037 Layer 1 B53393	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound			60% 25% 15%	Calc Carb Silicates Paint	None Detected
Layer 2 B53393	Plaster Base Coat	Heterogeneous Gray Fibrous Bound	3% 2%	Cellulose Hair	85% 10%	Silicates Binder	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 %
38-6037 Layer 1 B53394	Plaster Surface Coat	Heterogeneous White Non-fibrous Bound			60% 23% 15%	Calc Carb Silicates Paint	**2% Chrysotile**
Layer 2 B53394	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound			60% 25% 15%	Calc Carb Silicates Paint	None Detected
Layer 3 B53394	Plaster Base Coat	Heterogeneous Gray Fibrous Bound	3% 2%	Cellulose Hair	85% 10%	Silicates Binder	None Detected
39-6037 B53395	Flue Pack	Heterogeneous Green Fibrous Bound	5%	Talc	80% 15%	Binder Paint	None Detected
40-6037 B53396	Flue Pack	Heterogeneous Green Fibrous Bound			85% 15%	Silicates Paint	None Detected
41-6037 B53397	Flue Pack	Heterogeneous Green Fibrous Bound	15%	Talc	70% 15%	Silicates Paint	None Detected
42-6037 B53398	Tile (Sheet Vinyl)	Heterogeneous Brown Fibrous Bound	25%	Cellulose	65% 10%	Vinyl Tar	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 %
43-6037 B53399	Tile (Sheet Vinyl)	Heterogeneous Brown Fibrous Bound	25%	Cellulose	65% 10%	Vinyl Tar	None Detected
44-6037 B53400	Tile (Sheet Vinyl)	Heterogeneous Brown Fibrous Bound	25%	Cellulose	65% 10%	Vinyl Tar	None Detected
45-6037 Layer 1 B53401	Linoleum	Heterogeneous Cream Fibrous Bound	5%	Cellulose	85% 10%	Vinyl Binder	None Detected
Layer 2 B53401	Mastic	Homogeneous Clear Non-fibrous Bound			100%	Mastic	None Detected
46-6037 Layer 1 B53402	Linoleum	Heterogeneous Cream Fibrous Bound	5%	Cellulose	85% 10%	Vinyl Binder	None Detected
Layer 2 B53402	Mastic	Homogeneous Clear Non-fibrous Bound			100%	Mastic	None Detected
47-6037 Layer 1 B53403	Linoleum	Heterogeneous Cream Fibrous Bound	5%	Cellulose	85% 10%	Vinyl Binder	None Detected

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
Layer 2 B53403	Mastic	Homogeneous Clear Non-fibrous Bound			100%	Mastic	None Detected
48-6037 B53404	Tile	Heterogeneous Brown Fibrous Bound	95%	Cellulose	5%	Paint	None Detected
49-6037 B53405	Tile	Heterogeneous Brown Fibrous Bound	95%	Cellulose	5%	Paint	None Detected
50-6037 B53406	Tile	Heterogeneous Brown Fibrous Bound	95%	Cellulose	5%	Paint	None Detected
51-6037 B53407	Mastic	Homogeneous Tan Non-fibrous Bound			100%	Mastic	None Detected
52-6037 B53408	Mastic	Homogeneous Tan Non-fibrous Bound			100%	Mastic	None Detected
53-6037 B53409	Mastic	Homogeneous Tan Non-fibrous Bound			100%	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 %
54-6037 B53410	Mastic	Homogeneous Black Non-fibrous Bound			98%	Mastic	2% Chrysotile
55-6037 B53411	Sample Not Analyzed per COC						
56-6037 B53412	Sample Not Analyzed per COC						
57-6037 B53413	Drywall/Mud	Heterogeneous Gray,White Fibrous Bound	15%	Cellulose	70% 10% 5%	Gypsum Calc Carb Paint	None Detected
58-6037 B53414	Drywall/Mud	Heterogeneous Gray,Tan Fibrous Bound	15%	Cellulose	70% 10% 5%	Gypsum Calc Carb Paint	<1% Chrysotile
Lab Notes: 2% Chrysotile in joint compound;<1% in overall sample.							
59-6037 B53415	Drywall/Mud	Heterogeneous Gray,Off-white Fibrous Bound	15%	Cellulose	70% 10% 5%	Gypsum Calc Carb Paint	<1% Chrysotile
Lab Notes: 2% Chrysotile in joint compound;<1% in overall sample.							
60-6037 B53416	Tile	Heterogeneous White Fibrous Bound	40% 15%	Cellulose Fiberglass	40% 5%	Perlite Paint	None Detected
61-6037 B53417	Tile	Heterogeneous White Fibrous Bound	40% 15%	Cellulose Fiberglass	40% 5%	Perlite Paint	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 %
62-6037 B53418	Tile	Heterogeneous White Fibrous Bound	40% 15%	Cellulose Fiberglass	40% 5%	Perlite Paint	None Detected
63-6037 B53419A	Tile	Heterogeneous Gray,Black Fibrous Bound			100%	Vinyl	None Detected
B53419B	Mastic	Homogeneous Clear Non-fibrous Bound			100%	Mastic	None Detected
B53419C	Tile	Heterogeneous Gray,Brown Fibrous Bound			100%	Vinyl	None Detected
B53419D	Mastic	Homogeneous Tan Non-fibrous Bound			100%	Mastic	None Detected
64-6037 B53420A	Tile	Heterogeneous Gray,Black Fibrous Bound			100%	Vinyl	None Detected
B53420B	Mastic	Homogeneous Clear Non-fibrous Bound			100%	Mastic	None Detected

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Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	Non-Fibrous	ASBESTOS %
B53420C	Tile	Heterogeneous Gray,Brown Fibrous Bound	100%	Vinyl	None Detected
B53420D	Mastic	Homogeneous Tan Non-fibrous Bound	100%	Mastic	None Detected
65-6037 B53421A	Tile	Heterogeneous Gray,Black Fibrous Bound	100%	Vinyl	None Detected
B53421B	Mastic	Homogeneous Clear Non-fibrous Bound	100%	Mastic	None Detected
B53421C	Tile	Heterogeneous Gray,Brown Fibrous Bound	100%	Vinyl	None Detected
B53421D	Mastic	Homogeneous Tan Non-fibrous Bound	100%	Mastic	None Detected
66-6037 B53422A	Tile	Heterogeneous Green Non-fibrous Tightly Bound	85% 15%	Binder Silicates	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 %
B53422B	Mastic	Homogeneous Tan Non-fibrous Bound		98%	Mastic	2% Chrysotile
67-6037 B53423A	Tile	Heterogeneous Green Non-fibrous Tightly Bound		85% 15%	Binder Silicates	None Detected
B53423B	Sample Not Analyzed per COC					
68-6037 B53424A	Tile	Heterogeneous Green Non-fibrous Tightly Bound		85% 15%	Binder Silicates	None Detected
B53424B	Sample Not Analyzed per COC					
69-6037 B53425A	Tile	Heterogeneous White Non-fibrous Tightly Bound		85% 15%	Binder Silicates	None Detected
Layer 1 B53425B	Mastic	Homogeneous Beige Non-fibrous Bound		100%	Mastic	None Detected
Layer 2 B53425B	Grout	Homogeneous White Non-fibrous Bound		85% 15%	Silicates Binder	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 %
70-6037 B53426A	Tile	Heterogeneous White Non-fibrous Tightly Bound		85% 15%	Binder Silicates	None Detected
Layer 1 B53426B	Mastic	Homogeneous Beige Non-fibrous Bound		100%	Mastic	None Detected
Layer 2 B53426B	Grout	Homogeneous White Non-fibrous Bound		85% 15%	Silicates Binder	None Detected
71-6037 B53427A	Tile	Homogeneous White Non-fibrous Tightly Bound		85% 15%	Silicates Binder	None Detected
Lab Notes: DC B53427-						
Layer 1 B53427B	Mastic	Homogeneous Beige Non-fibrous Bound		100%	Mastic	None Detected
Lab Notes: DC B53427-B53484						
Layer 2 B53427B	Grout	Homogeneous White Non-fibrous Bound		85% 15%	Silicates Binder	None Detected
Lab Notes: DC B53427-						
72-6037 B53428	Undercoat	Homogeneous Black Non-fibrous Bound		70% 27%	Tar Binder	**3% Chrysotile**

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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 %
73-6037 B53429	Sample Not Analyzed per COC						
74-6037 B53430	Sample Not Analyzed per COC						
75-6037 B53431A	Tile	Homogeneous Beige Non-fibrous Tightly Bound			85% 15%	Silicates Binder	None Detected
B53431B	Mastic	Homogeneous Yellow Fibrous Bound	10%	Cellulose	40% 50%	Silicates Mastic	None Detected
76-6037 B53432A	Tile	Homogeneous Pink Non-fibrous Tightly Bound			85% 15%	Silicates Binder	None Detected
Layer 1 B53432B	Grout	Homogeneous White Non-fibrous Bound			60% 40%	Silicates Binder	None Detected
Layer 2 B53432B	Mastic	Homogeneous Brown Fibrous Bound			97%	Mastic	**3% Chrysotile**
77-6037 B53433A	Tile	Homogeneous Pink Non-fibrous Tightly Bound			85% 15%	Silicates Binder	None Detected
B53433B	Sample Not Analyzed per COC						

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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 %
78-6037 B53434	Tile	Heterogeneous White Fibrous Loosely Bound	40% 30%	Cellulose Fiberglass	25% 5%	Perlite Paint	None Detected
79-6037 B53435	Tile	Heterogeneous White Fibrous Loosely Bound	40% 30%	Cellulose Fiberglass	25% 5%	Perlite Paint	None Detected
80-6037 B53436	Tile	Heterogeneous White Fibrous Loosely Bound	40% 30%	Cellulose Fiberglass	25% 5%	Perlite Paint	None Detected
81-6037 B53437A	Tile	Homogeneous Off-white Non-fibrous Tightly Bound			85% 15%	Silicates Binder	None Detected
Layer 1 B53437B	Grout	Homogeneous White Non-fibrous Bound			60% 40%	Silicates Binder	None Detected
Layer 2 B53437B	Mastic	Homogeneous White Fibrous Bound	10%	Cellulose	40% 50%	Silicates Mastic	None Detected
82-6037 B53438A	Tile	Homogeneous Off-white Non-fibrous Tightly Bound			85% 15%	Silicates Binder	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 1 B53438B	Grout	Homogeneous White Non-fibrous Bound			60% 40%	Silicates Binder	None Detected
Layer 2 B53438B	Mastic	Homogeneous White Fibrous Bound	10%	Cellulose	40% 50%	Silicates Mastic	None Detected
83-6037 B53439A	Tile	Homogeneous Off-white Non-fibrous Tightly Bound			85% 15%	Silicates Binder	None Detected
Layer 1 B53439B	Grout	Homogeneous White Non-fibrous Bound			60% 40%	Silicates Binder	None Detected
Layer 2 B53439B	Mastic	Homogeneous White Fibrous Bound	10%	Cellulose	40% 50%	Silicates Mastic	None Detected
84-6037 B53440	Linoleum	Heterogeneous Off-white Fibrous Bound	25% 10%	Cellulose Fiberglass	30% 30% 5%	Vinyl Binder Mastic	None Detected
85-6037 B53441	Linoleum	Heterogeneous Off-white Fibrous Bound	25% 10%	Cellulose Fiberglass	30% 30% 5%	Vinyl Binder 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 %
86-6037 B53442	Linoleum	Heterogeneous Off-white Fibrous Bound	25% 10%	Cellulose Fiberglass	30% 30% 5%	Vinyl Binder Mastic	None Detected
87-6037 B53443	Caulking	Heterogeneous Off-white Non-fibrous Bound			40% 40% 20%	Binder Silicates Calc Carb	None Detected
88-6037 B53444	Caulking	Heterogeneous Off-white Non-fibrous Bound			40% 40% 20%	Binder Silicates Calc Carb	None Detected
89-6037 B53445	Caulking	Heterogeneous Off-white Non-fibrous Bound			40% 40% 20%	Binder Silicates Calc Carb	None Detected
90-6037 Layer 1 B53446	Tile (brick)	Homogeneous Red Non-fibrous Bound			15% 85%	Binder Silicates	None Detected
Layer 2 B53446	Grout	Homogeneous Gray Non-fibrous Bound			60% 40%	Silicates Binder	None Detected
91-6037 Layer 1 B53447	Tile (brick)	Homogeneous Red Non-fibrous Bound			15% 85%	Binder Silicates	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

Lab Code: B18-5281
Date Received: 06-12-18
Date Analyzed: 06-14-18
Date Reported: 06-14-18

Project: Kenosha; 18-400-001.6037

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
Layer 2 B53447	Grout	Homogeneous Gray Non-fibrous Bound			60% 40%	Silicates Binder	None Detected
92-6037 Layer 1 B53448	Tile (brick)	Homogeneous Red Non-fibrous Bound			15% 85%	Binder Silicates	None Detected
Layer 2 B53448	Grout	Homogeneous Gray Non-fibrous Bound			60% 40%	Silicates Binder	None Detected
93-6037 Layer 1 B53449	Tile	Heterogeneous Tan Non-fibrous Bound	15%	Cellulose	60% 25%	Vinyl Binder	None Detected
Layer 2 B53449	Mastic	Heterogeneous Black Fibrous Bound	60%	Cellulose	40%	Tar	None Detected
94-6037 Layer 1 B53450	Tile	Heterogeneous Tan Non-fibrous Bound	15%	Cellulose	60% 25%	Vinyl Binder	None Detected
Layer 2 B53450	Mastic	Heterogeneous Black Fibrous Bound	60%	Cellulose	40%	Tar	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

Lab Code: B18-5281
Date Received: 06-12-18
Date Analyzed: 06-14-18
Date Reported: 06-14-18

Project: Kenosha; 18-400-001.6037

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
95-6037 Layer 1 B53451	Tile	Heterogeneous Tan Non-fibrous Bound	15%	Cellulose	60% 25%	Vinyl Binder	None Detected
Layer 2 B53451	Mastic	Heterogeneous Black Fibrous Bound	60%	Cellulose	40%	Tar	None Detected
96-6037 B53452	Linoleum	Heterogeneous Brown Fibrous Bound	10%	Fiberglass	25% 65%	Vinyl Foam	None Detected
97-6037 B53453	Linoleum	Heterogeneous Brown Fibrous Bound	10%	Fiberglass	25% 65%	Vinyl Foam	None Detected
98-6037 B53454	Linoleum	Heterogeneous Brown Fibrous Bound	10%	Fiberglass	25% 65%	Vinyl Foam	None Detected
99-6037 B53455	Insulation	Homogeneous Off-white Fibrous Loosely Bound			35%	Binder	**65% Chrysotile**
100-6037 B53456	Sample Not Analyzed per COC						
101-6037 B53457	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: B18-5281
Date Received: 06-12-18
Date Analyzed: 06-14-18
Date Reported: 06-14-18

Project: Kenosha; 18-400-001.6037

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
102-6037 B53458A	Linoleum	Heterogeneous Black,White Fibrous Bound	10%	Fiberglass	25% 65%	Vinyl Foam	None Detected
B53458B	Linoleum	Heterogeneous Off-white Fibrous Bound	25% 10%	Cellulose Fiberglass	30% 30% 5%	Vinyl Binder Mastic	None Detected
103-6037 B53459A	Linoleum	Heterogeneous Black,White Fibrous Bound	10%	Fiberglass	25% 65%	Vinyl Foam	None Detected
B53459B	Linoleum	Heterogeneous Off-white Fibrous Bound	25% 10%	Cellulose Fiberglass	30% 30% 5%	Vinyl Binder Mastic	None Detected
104-6037 B53460A	Linoleum	Heterogeneous Black,White Fibrous Bound	10%	Fiberglass	25% 65%	Vinyl Foam	None Detected
B53460B	Linoleum	Heterogeneous Off-white Fibrous Bound	25% 10%	Cellulose Fiberglass	30% 30% 5%	Vinyl Binder Mastic	None Detected
105-6037 B53461A	Tile	Heterogeneous Tan,Brown Non-fibrous Bound			100%	Vinyl	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

Lab Code: B18-5281
Date Received: 06-12-18
Date Analyzed: 06-14-18
Date Reported: 06-14-18

Project: Kenosha; 18-400-001.6037

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	Non-Fibrous	ASBESTOS %
B53461B	Mastic	Heterogeneous Clear Non-fibrous Bound	100%	Mastic	None Detected
B53461C	Tile	Heterogeneous Gray Non-fibrous Bound	97%	Vinyl	3% Chrysotile
B53461D	Mastic	Heterogeneous Black Non-fibrous Bound	100%	Mastic	None Detected
106-6037 B53462A	Tile	Heterogeneous Tan,Brown Non-fibrous Bound	100%	Vinyl	None Detected
B53462B	Mastic	Heterogeneous Clear Non-fibrous Bound	100%	Mastic	None Detected
B53462C	Sample Not Analyzed per COC				
B53462D	Mastic	Heterogeneous Black Non-fibrous Bound	100%	Mastic	None Detected
107-6037 B53463A	Tile	Heterogeneous Tan,Brown Non-fibrous Bound	100%	Vinyl	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

Lab Code: B18-5281
Date Received: 06-12-18
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Date Reported: 06-14-18

Project: Kenosha; 18-400-001.6037

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	Non-Fibrous	ASBESTOS %
B53463B	Mastic	Heterogeneous Clear Non-fibrous Bound	100%	Mastic	None Detected
B53463C	Sample Not Analyzed per COC				
B53463D	Mastic	Heterogeneous Black Non-fibrous Bound	100%	Mastic	None Detected
108-6037 B53464A	Tile	Homogeneous Off-white Non-fibrous Tightly Bound	85% 15%	Silicates Binder	None Detected
Layer 1 B53464B	Grout	Homogeneous White Non-fibrous Bound	60% 40%	Silicates Binder	None Detected
Layer 2 B53464B	Mastic	Heterogeneous Yellow,Brown Non-fibrous Bound	100%	Mastic	None Detected
109-6037 B53465A	Tile	Homogeneous Off-white Non-fibrous Tightly Bound	85% 15%	Silicates Binder	None Detected
Layer 1 B53465B	Grout	Homogeneous White Non-fibrous Bound	60% 40%	Silicates Binder	None Detected

ASBESTOS BULK ANALYSIS

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

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Project: Kenosha; 18-400-001.6037

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	Non-Fibrous	ASBESTOS %
Layer 2 B53465B	Mastic	Heterogeneous Yellow,Brown Non-fibrous Bound	100%	Mastic	None Detected
110-6037 B53466A	Tile	Homogeneous Off-white Non-fibrous Tightly Bound	85% 15%	Silicates Binder	None Detected
Layer 1 B53466B	Grout	Homogeneous White Non-fibrous Bound	60% 40%	Silicates Binder	None Detected
Layer 2 B53466B	Mastic	Heterogeneous Yellow,Brown Non-fibrous Bound	100%	Mastic	None Detected
111-6037 B53467A	Tile	Homogeneous Gray Non-fibrous Tightly Bound	100%	Vinyl	None Detected
B53467B	Mastic	Heterogeneous Clear Non-fibrous Bound	100%	Mastic	None Detected
112-6037 B53468A	Tile	Homogeneous Gray Non-fibrous Tightly Bound	100%	Vinyl	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

Lab Code: B18-5281
Date Received: 06-12-18
Date Analyzed: 06-14-18
Date Reported: 06-14-18

Project: Kenosha; 18-400-001.6037

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	Non-Fibrous	ASBESTOS %
B53468B	Mastic	Heterogeneous Clear Non-fibrous Bound	100%	Mastic	None Detected
113-6037 B53469A	Tile	Homogeneous Gray Non-fibrous Tightly Bound	100%	Vinyl	None Detected
B53469B	Mastic	Heterogeneous Clear Non-fibrous Bound	100%	Mastic	None Detected
114-6037 B53470	Caulking	Homogeneous White Non-fibrous Bound	100%	Caulk	None Detected
115-6037 B53471	Caulking	Homogeneous White Non-fibrous Bound	100%	Caulk	None Detected
116-6037 B53472	Caulking	Homogeneous White Non-fibrous Bound	100%	Caulk	None Detected
117-6037 B53473	Texture	Heterogeneous Off-white Non-fibrous Loosely Bound	80% 20%	Calc Carb Binder	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

Lab Code: B18-5281
Date Received: 06-12-18
Date Analyzed: 06-14-18
Date Reported: 06-14-18

Project: Kenosha; 18-400-001.6037

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	Non-Fibrous		ASBESTOS %
118-6037 B53474	Texture	Heterogeneous Off-white Non-fibrous Loosely Bound		80% 20%	Calc Carb Binder	None Detected
119-6037 B53475	Texture	Heterogeneous Off-white Non-fibrous Loosely Bound		80% 20%	Calc Carb Binder	None Detected
120-6037 B53476A	Tile	Homogeneous Gray,Green Non-fibrous Tightly Bound		97%	Vinyl	**3% Chrysotile**
B53476B	Mastic	Heterogeneous Black Non-fibrous Bound		100%	Mastic	None Detected
121-6037 B53477A	Sample Not Analyzed per COC					
B53477B	Mastic	Heterogeneous Black Non-fibrous Bound		100%	Mastic	None Detected
122-6037 B53478A	Sample Not Analyzed per COC					
B53478B	Mastic	Heterogeneous Black Non-fibrous Bound		100%	Mastic	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: KPH Environmental Corp
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Milwaukee, WI 53204

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Date Reported: 06-14-18

Project: Kenosha; 18-400-001.6037

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
123-6037 B53479	Tile	Heterogeneous Off-white Non-fibrous Bound			30% 65% 5%	Vinyl Foam Mastic	None Detected
124-6037 B53480	Tile	Heterogeneous Off-white Non-fibrous Bound			30% 65% 5%	Vinyl Foam Mastic	None Detected
125-6037 B53481	Tile	Heterogeneous Off-white Non-fibrous Bound			30% 65% 5%	Vinyl Foam Mastic	None Detected
126-6037 B53482	Linoleum	Heterogeneous Off-white Fibrous Bound	25% 10%	Cellulose Fiberglass	30% 30% 5%	Vinyl Binder Mastic	None Detected
127-6037 B53483	Linoleum	Heterogeneous Off-white Fibrous Bound	25% 10%	Cellulose Fiberglass	30% 30% 5%	Vinyl Binder Mastic	None Detected
128-6037 B53484	Linoleum	Heterogeneous Off-white Fibrous Bound	25% 10%	Cellulose Fiberglass	30% 30% 5%	Vinyl Binder 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: Yvette Nkunde-Bose

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:	B14-529 (124)
CEI Lab I.D. Range:	B53357-494

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#:	18-400-001.6037
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
Dean Jacobsen	6/11/18 1700	[illegible]	6/12/18 9AM

Samples will be disposed of 30 days after analysis

B14-5241

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SAMPLING FORM

COMPANY CONTACT INFORMATION			
Company:	KPH Environmental Corp.	Job Contact:	Dean Jacobsen
Project Name:	Kenosha		
Project ID #:	18-400-001.6037	Tel:	(414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
1-6037	Fiberboard		PLM [X]	TEM [ ]
2-6037	↓		PLM [ ]	TEM [ ]
3-6037	↓		PLM [ ]	TEM [ ]
4-6037	Paper		PLM [ ]	TEM [ ]
5-6037	↓		PLM [ ]	TEM [ ]
6-6037	↓		PLM [ ]	TEM [ ]
7-6037	Glazing		PLM [ ]	TEM [ ]
8-6037	↓		PLM [ ]	TEM [ ]
9-6037	↓		PLM [ ]	TEM [ ]
10-6037	Caulk		PLM [ ]	TEM [ ]
11-6037	↓		PLM [ ]	TEM [ ]
12-6037	↓		PLM [ ]	TEM [ ]
13-6037	Fiberboard		PLM [ ]	TEM [ ]
14-6037	↓		PLM [ ]	TEM [ ]
15-6037	↓		PLM [ ]	TEM [ ]
16-6037	Shingle		PLM [ ]	TEM [ ]
17-6037	↓		PLM [ ]	TEM [ ]
18-6037	↓		PLM [ ]	TEM [ ]
19-6037	Tarpaper		PLM [ ]	TEM [ ]
20-6037	↓		PLM [ ]	TEM [ ]
21-6037	↓		PLM [ ]	TEM [ ]
22-6037	Shingle		PLM [ ]	TEM [ ]
23-6037	↓		PLM [ ]	TEM [ ]
24-6037	↓		PLM [ ]	TEM [ ]
25-6037	Shingle		PLM [ ]	TEM [ ]
26-6037	↓		PLM [ ]	TEM [ ]
27-6037	↓		PLM [ ]	TEM [ ]
28-6037	Shingle		PLM [ ]	TEM [ ]

B14-5241

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SAMPLING FORM

COMPANY CONTACT INFORMATION			
Company:	KPH Environmental Corp.	Job Contact:	Dean Jacobsen
Project Name:	Kenosha		
Project ID #:	18-400-001.6037	Tel:	(414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
29-6037	Shingle		PLM ☒	TEM ☐
30-6037	↓		PLM ☐	TEM ☐
31-6037	Flashing		PLM ☐	TEM ☐
32-6037	↓		PLM ☐	TEM ☐
33-6037	↓		PLM ☐	TEM ☐
34-6037	Plaster		PLM ☐	TEM ☐
35-6037	↓		PLM ☐	TEM ☐
36-6037	↓		PLM ☐	TEM ☐
37-6037	↓		PLM ☐	TEM ☐
38-6037	↓		PLM ☐	TEM ☐
39-6037	Flue Pack		PLM ☐	TEM ☐
40-6037	↓		PLM ☐	TEM ☐
41-6037	↓		PLM ☐	TEM ☐
42-6037	Tile		PLM ☐	TEM ☐
43-6037	↓		PLM ☐	TEM ☐
44-6037	↓		PLM ☐	TEM ☐
45-6037	Linoleum		PLM ☐	TEM ☐
46-6037	↓		PLM ☐	TEM ☐
47-6037	↓		PLM ☐	TEM ☐
48-6037	Tile		PLM ☐	TEM ☐
49-6037	↓		PLM ☐	TEM ☐
50-6037	↓		PLM ☐	TEM ☐
51-6037	Mastic		PLM ☐	TEM ☐
52-6037	↓		PLM ☐	TEM ☐
53-6037	↓		PLM ☐	TEM ☐
54-6037	Mastic		PLM ☐	TEM ☐
55-6037	↓		PLM ☐	TEM ☐
56-6037	↓		PLM ☐	TEM ☐

B16-5281

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SAMPLING FORM

COMPANY CONTACT INFORMATION			
Company:	KPH Environmental Corp.	Job Contact:	Dean Jacobsen
Project Name:	Kenosha		
Project ID #:	18-400-001.6037	Tel:	(414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
57-6037	Drywall		PLM ☒	TEM ☐
58-6037	↓		PLM ☐	TEM ☐
59-6037	↓		PLM ☐	TEM ☐
60-6037	Tile		PLM ☐	TEM ☐
61-6037	↓		PLM ☐	TEM ☐
62-6037	↓		PLM ☐	TEM ☐
63-6037	Tile		PLM ☐	TEM ☐
64-6037	↓		PLM ☐	TEM ☐
65-6037	↓		PLM ☐	TEM ☐
66-6037	Tile		PLM ☐	TEM ☐
67-6037	↓		PLM ☐	TEM ☐
68-6037	↓		PLM ☐	TEM ☐
69-6037	Tile		PLM ☐	TEM ☐
70-6037	↓		PLM ☐	TEM ☐
71-6037	↓		PLM ☐	TEM ☐
72-6037	Undercoat		PLM ☐	TEM ☐
73-6037	↓		PLM ☐	TEM ☐
74-6037	↓		PLM ☐	TEM ☐
75-6037	Tile		PLM ☐	TEM ☐
76-6037	↓		PLM ☐	TEM ☐
77-6037	↓		PLM ☐	TEM ☐
78-6037	Tile		PLM ☐	TEM ☐
79-6037	↓		PLM ☐	TEM ☐
80-6037	↓		PLM ☐	TEM ☐
81-6037	Tile		PLM ☐	TEM ☐
82-6037	↓		PLM ☐	TEM ☐
83-6037	↓		PLM ☐	TEM ☐
84-6037	Linoleum		PLM ☐	TEM ☐

TB18-5261

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SAMPLING FORM

COMPANY CONTACT INFORMATION			
Company:	KPH Environmental Corp.	Job Contact:	Dean Jacobsen
Project Name:	Kenosha		
Project ID #:	18-400-001.6037	Tel:	(414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
85-6037	Linoleum		PLM ☒	TEM ☐
86-6037	↓		PLM ☐	TEM ☐
87-6037	Caulk		PLM ☐	TEM ☐
88-6037	↓		PLM ☐	TEM ☐
89-6037	↓		PLM ☐	TEM ☐
90-6037	Tile		PLM ☐	TEM ☐
91-6037	↓		PLM ☐	TEM ☐
92-6037	↓		PLM ☐	TEM ☐
93-6037	Tile		PLM ☐	TEM ☐
94-6037	↓		PLM ☐	TEM ☐
95-6037	↓		PLM ☐	TEM ☐
96-6037	Linoleum		PLM ☐	TEM ☐
97-6037	↓		PLM ☐	TEM ☐
98-6037	↓		PLM ☐	TEM ☐
99-6037	Insulation		PLM ☐	TEM ☐
100-6037	↓		PLM ☐	TEM ☐
101-6037	↓		PLM ☐	TEM ☐
102-6037	Linoleum		PLM ☐	TEM ☐
103-6037	↓		PLM ☐	TEM ☐
104-6037	↓		PLM ☐	TEM ☐
105-6037	Tile		PLM ☐	TEM ☐
106-6037	↓		PLM ☐	TEM ☐
107-6037	↓		PLM ☐	TEM ☐
108-6037	Tile		PLM ☐	TEM ☐
109-6037	↓		PLM ☐	TEM ☐
110-6037	↓		PLM ☐	TEM ☐
111-6037	Tile		PLM ☐	TEM ☐
112-6037	↓		PLM ☐	TEM ☐

BLB-5261

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SAMPLING FORM

COMPANY CONTACT INFORMATION			
Company:	KPH Environmental Corp.	Job Contact:	Dean Jacobsen
Project Name:	Kenosha		
Project ID #:	18-400-001.6037	Tel:	(414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
113-6037	Tile		PLM ☑	TEM ☐
114-6037	Caulk		PLM ☐	TEM ☐
115-6037	↓		PLM ☐	TEM ☐
116-6037	↓		PLM ☐	TEM ☐
117-6037	Texture		PLM ☐	TEM ☐
118-6037	↓		PLM ☐	TEM ☐
119-6037	↓		PLM ☐	TEM ☐
120-6037	Tile		PLM ☐	TEM ☐
121-6037	↓		PLM ☐	TEM ☐
122-6037	↓		PLM ☐	TEM ☐
123-6037	Tile		PLM ☐	TEM ☐
124-6037	↓		PLM ☐	TEM ☐
125-6037	↓		PLM ☐	TEM ☐
126-6037	Linoleum		PLM ☐	TEM ☐
127-6037	↓		PLM ☐	TEM ☐
128-6037	↓		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 ☐

June 20, 2018

KPH Environmental Corp
1237 W Bruce St
Milwaukee, WI 53204

CLIENT PROJECT: Kenosha; 18-400-001.6037
CEI LAB CODE: B18-5281.1

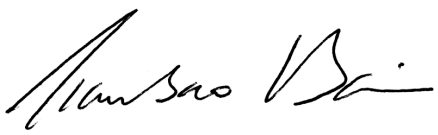
Dear Customer:

Enclosed are asbestos analysis results for PLM bulk samples received at our laboratory on June 15, 2018. The samples were analyzed for asbestos using polarized light microscopy (PLM) gravimetric point count per the EPA 600 Method.

Sample results containing > 1% asbestos are considered asbestos-containing materials (ACMs) per the EPA regulatory requirements. The detection limit for the EPA 600 method is < 0.25% for gravimetric point count depending on the processed sample weight and points counted.

Thank you for your business and we look forward to continuing good relations. If you have any questions, please feel free to call our office at 919-481-1413.

Kind Regards,



Tianbao Bai, Ph.D., CIH
Laboratory Director

NVLAP TESTING
NVLAP LAB CODE 101768-0

eurofins | CEI

ASBESTOS ANALYTICAL REPORT
By: Polarized Light Microscopy

Prepared for

KPH Environmental Corp

CLIENT PROJECT: Kenosha; 18-400-001.6037

LAB CODE: B18-5281.1

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

REPORT DATE: 06/20/18

TEL: 866-481-1412

www.ceilabs.com

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

eurofins | CEI

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

Lab Code: B18-5281.1
Date Received: 06-15-18
Date Analyzed: 06-19-18
Date Reported: 06-20-18

Project: Kenosha; 18-400-001.6037

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 %	
31-6037 B53387	Flashing	0.471	37	45	14	**4%**	**Chrysotile**
54-6037 B53410	Mastic	0.16	43	11	45	**1.4%**	**Chrysotile**
66-6037 B53422B	Mastic	0.326	61	7.7	31	**0.63%**	**Chrysotile**
72-6037 B53428	Undercoat	0.082	66	18	14	**2.3%**	**Chrysotile**
76-6037 B53432	Mastic	0.146	56	2.2	39	**2.6%**	**Chrysotile**
105-6037 B53461C	Tile	0.511	27	50	23	**0.23%**	**Chrysotile**
120-6037 B53476A	Tile	0.402	26	51	23	**0.17%**	**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

ANALYST: Danielle Carrier

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

NVLAP TESTING
NVLAP LAB CODE 101768-0

eurofins | CEI

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#:	18-400-001.6037
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:

Lab Code B18-5281

☐ Accept Samples

☐ Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
	6/14/18 1645		

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 #:	18-400-001.6037	Tel:	(414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
31-6037			PLM ☑	TEM ☐
33-6037	Surface Coat		PLM ☑	TEM ☐
54-6037			PLM ☑	TEM ☐
58-6037			PLM ☑	TEM ☐
59-6037			PLM ☑	TEM ☐
66-6037	Mastic		PLM ☑	TEM ☐
72-6037			PLM ☑	TEM ☐
76-6037	Mastic		PLM ☑	TEM ☐
105-6037	Gray Tile		PLM ☑	TEM ☐
120-6037			PLM ☑	TEM ☐
			PLM ☐	TEM ☐
			PLM ☐	TEM ☐
			PLM ☐	TEM ☐
			PLM ☐	TEM ☐
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			PLM ☐	TEM ☐

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June 19, 2018

KPH Environmental Corp
1237 W Bruce St
Milwaukee, WI 53204

CLIENT PROJECT: Kenosha; 18-400-001.6037
CEI LAB CODE: B18-5281.2

Dear Customer:

Enclosed are asbestos analysis results for PLM bulk samples received at our laboratory on June 15, 2018. The samples were analyzed for asbestos using polarized light microscopy (PLM) point count per the EPA 600 Method.

Sample results containing > 1% asbestos are considered asbestos-containing materials (ACMs) per the EPA regulatory requirements. The detection limit for the EPA 600 method is 0.25% for 400 point counts, or 0.1% for 1,000 point counts.

Thank you for your business and we look forward to continuing good relations. If you have any questions, please feel free to call our office at 919-481-1413.

Kind Regards,

Tianbao Bai, Ph.D., CIH
Laboratory Director

NVLAP® TESTING
NVLAP LAB CODE 101768-0

eurofins | CEI

ASBESTOS ANALYTICAL REPORT
By: Polarized Light Microscopy

Prepared for

KPH Environmental Corp

CLIENT PROJECT: Kenosha; 18-400-001.6037

LAB CODE: B18-5281.2

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

REPORT DATE: 06/19/18

TEL: 866-481-1412

www.ceilabs.com

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

Lab Code: B18-5281.2
Date Received: 06-15-18
Date Analyzed: 06-19-18
Date Reported: 06-19-18

Project: Kenosha; 18-400-001.6037

ASBESTOS POINT COUNT PLM, EPA 600 METHOD

Client ID	Lab ID	Material Description	POINTS Total	POINTS Asbestos	ASBESTOS %	
38-6037	B53394	Plaster Surface Coat	400	9	**2.3%**	**Chrysotile**
58-6037	B53414	Joint Compound	400	11	**2.8%**	**Chrysotile**
	B53414	Drywall/Mud (Composite Result from Point Count)	400		**0.14%**	**Chrysotile**
Lab Notes: Joint compound is 5% of overall sample. (2.8*5)/100=0.14%						
59-6037	B53415	Joint Compound	400	12	**3.0%**	**Chrysotile**
	B53415	Drywall/Mud (Composite Result from Point Count)	400		**0.15%**	**Chrysotile**
Lab Notes: Joint compound is 5% of overall sample. (3.0*5)/100=0.15%						

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LEGEND: None

METHOD: EPA 600 / M4 / 82 / 020 (40 CFR Part 763, Sub. E, App. E)

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

REGULATORY LIMIT: >1% by weight

This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by 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 by NVLAP or any other agency of the U.S. Government.

ANALYST: Yvette Nkunde-Bose

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

NVLAP® TESTING
NVLAP LAB CODE 101768-0

eurofins | CEI

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#:	18-400-001.6037
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:

Lab Code B18-5281

☐ Accept Samples
☐ Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
	6/14/18 1645		

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 #:	18-400-001.6037	Tel:	(414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
31-6037			PLM ✓	TEM ☐
33-6037	Surface Coat		PLM ✓	TEM ☐
54-6037			PLM ✓	TEM ☐
58-6037			PLM ✓	TEM ☐
59-6037			PLM ✓	TEM ☐
66-6037	Mastic		PLM ✓	TEM ☐
72-6037			PLM ✓	TEM ☐
76-6037	Mastic		PLM ✓	TEM ☐
105-6037	Gray Tile		PLM ✓	TEM ☐
120-6037			PLM ✓	TEM ☐
			PLM ☐	TEM ☐
			PLM ☐	TEM ☐
			PLM ☐	TEM ☐
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			PLM ☐	TEM ☐
			PLM ☐	TEM ☐

Version: CCOC.01.18.2/2.LD

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: C18-0462
Received: 06-12-18
Analyzed: 06-15-18
Reported: 06-15-18

Project: Kenosha; 18-400-001.6037

ANALYSIS METHOD: EPA SW846 7000B

CLIENT ID	LAB ID	PPM (µg/g)	CONCENTRATION % BY WEIGHT
P1-6037	CA65410	300000	**30**
P2-6037	CA65411	1200	**0.12**
P3-6037	CA65412	1100	**0.11**

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 0.06% 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:	CL3-0467 (3)
CEI Lab I.D. Range:	CA65410-12

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#	18-400-001.6037
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.

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
	6/11/18 1700		6/12/18 9AM

Samples will be disposed of 30 days after analysis

eurofins | CEI

SAMPLING FORM

616-0462

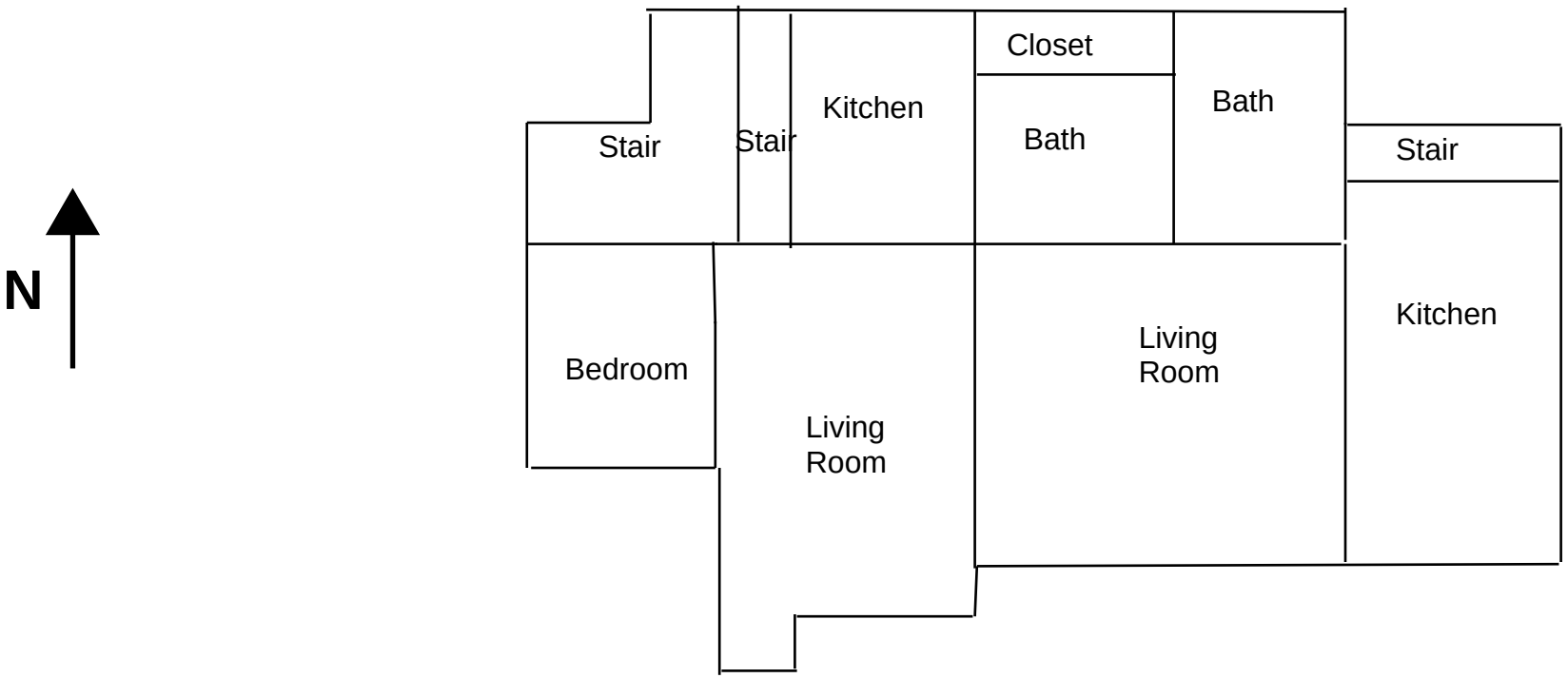
COMPANY CONTACT INFORMATION	
Company: KPH Environmental Corp.	Job Contact: Dean Jacobsen
Project Name: Kenosha	
Project ID #: 18-400-011.6037	Tel: (414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/AREA	COMMENTS
P1-6037	Exterior Wall		
P2-6037	Basement Wall		
P3-6037	Basement Floor		

C. FLOOR PLANS

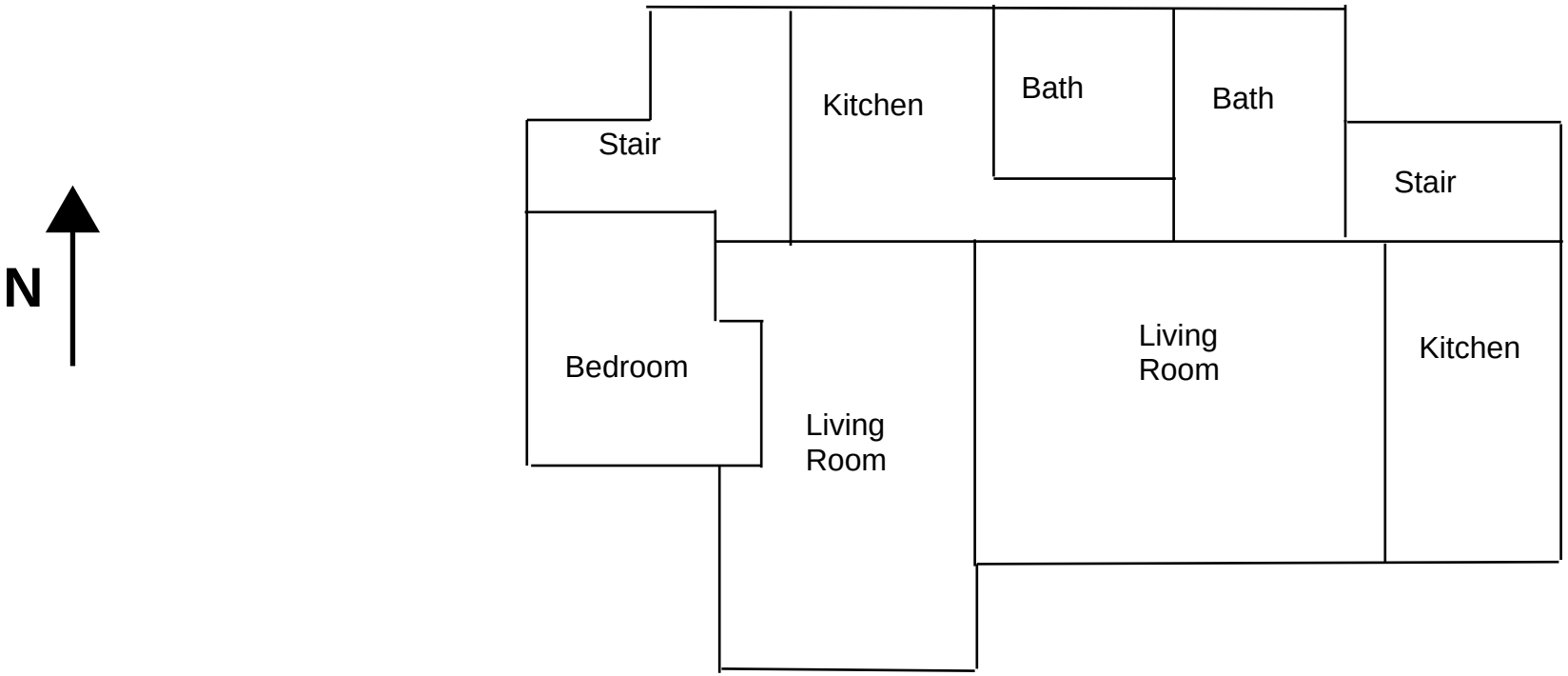
Four Family Residence
6037 22nd Avenue
Kenosha, Wisconsin

1st Floor Plan



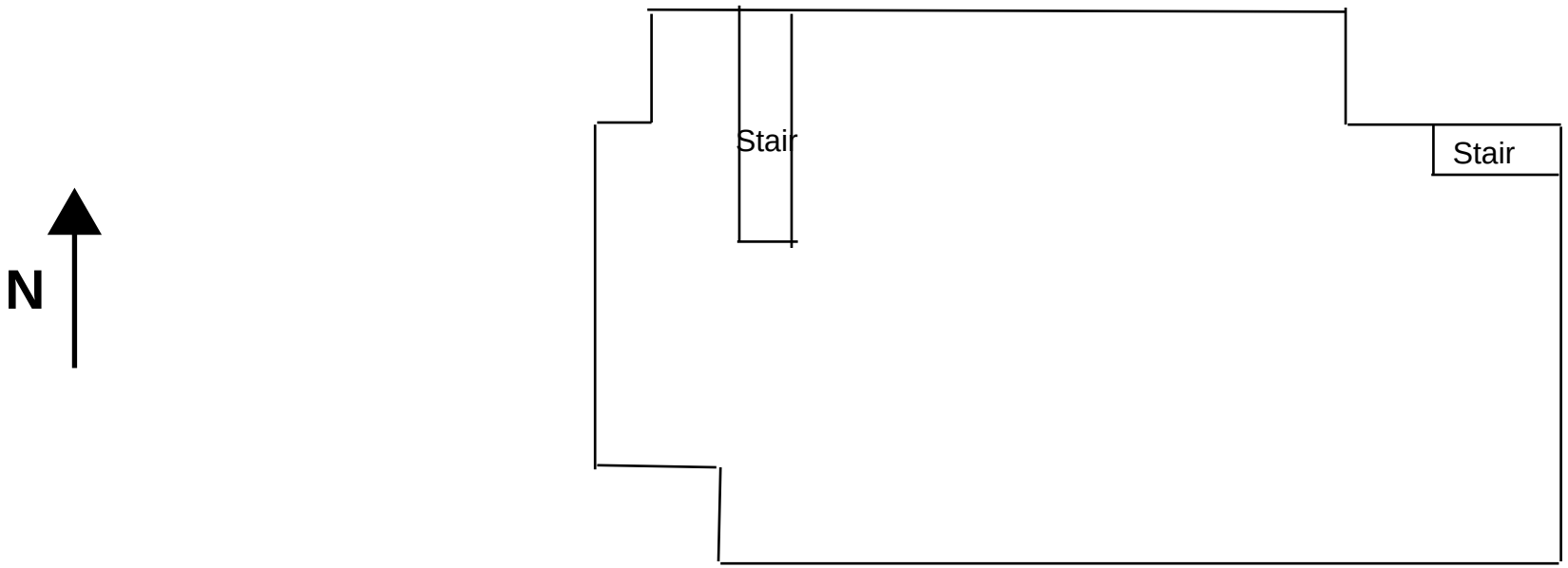
Four Family Residence
6037 22nd Avenue
Kenosha, Wisconsin

2nd Floor Plan



Four Family Residence
6037 22nd Avenue
Kenosha, Wisconsin

Basement 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: 06/06/2016
Expiration Date: 09/10/2018, 12:01 a.m.
Certification #: CAP-1432180

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

Shelley A Bruce

Shelley A Bruce,
Unit Supervisor

Scott Walker
Governor

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

December 15, 2017

DEAN T JACOBSEN
W131S6781 KIPLING DR
MUSKEGO WI 53150-3401

ID# AII-14370

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

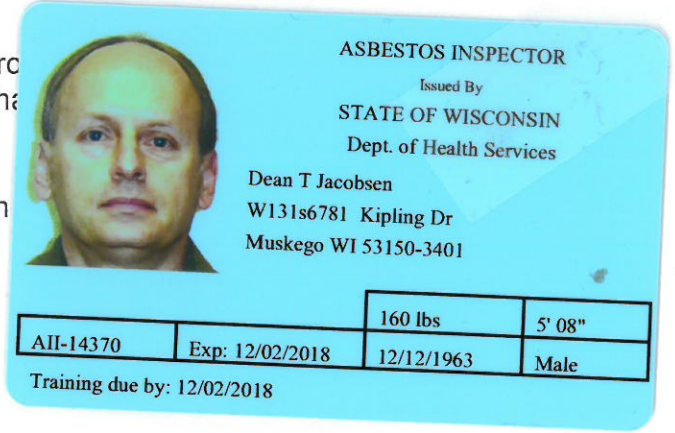
Follow Wisconsin law by making sure that you:

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

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

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

By getting certified and working safely, you pro
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

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