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. 11-18

ISSUED: May 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. May 24, 2018 @ 2:30 P.M.

PROPOSAL OPENING. May 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: **1310 68th Street**
Parcel No**:** 05-123-06-314-010
Description: Two story concrete block commercial building constructed in 1946 with approximately 5,584 square feet.

Address: **1403 68th Street**
Parcel No: 05-123-06-307-020
Description: One story concrete block commercial building constructed in 1928 with approximately 1,326 square feet and a partial basement.

Address: **6409 11th Avenue**
Parcel No: 05-123-06-152-003
Description: Two story, two-unit residential wood framed structure constructed in 1893 with approximately 1,588 square feet and a basement and attic.

Address: **3705 52nd Street**
Parcel No: 09-222-36-329-013
Description: One story concrete block commercial building constructed in 1966 with approximately 425 square feet.

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

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

The City will open the structure(s) and lot(s) on **May 10, 2018 @ 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.

Inspections will commence at **1310 68th Street.**

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 Waste, Raze Structure(s) and to Restore Lot(s) at the following prices, to be firm for thirty (30) days from the date of this Proposal, subject to the Proposal being accepted within that time and a Contract entered into for that price.

1310 68th Street — Address
05-123-06-314-010 — Tax Parcel No.

$_____ Dollar Amount
_____ Written Dollar Amount

1403 68th Street — Address
05-123-06-307-020 — Tax Parcel No.

$_____ Dollar Amount
_____ Written Dollar Amount

6409 11th Avenue — Address
05-123-06-152-003 — Tax Parcel No.

$_____ Dollar Amount
_____ Written Dollar Amount

3705 52nd Street — Address
09-222-36-329-013 — Tax Parcel No.

$_____ Dollar Amount
_____ Written Dollar Amount

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

Continued on next page

DISPOSAL SITE: _____

DISPOSAL SITE PERMIT NUMBER: _____

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.

1310 68th STREET, 1403 68th STREET, 6409 11th AVENUE & 3705 52nd STREET
Remove and dispose of all Category I, Category II, RACM materials, and Universal Waste, 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 pursuant to the General Specifications and Conditions and the Erosion Control Plan***** and obtain necessary Federal, State and local permits.

***does not apply to 3705 52nd STREET (see below)**

1310 68th STREET
1. Remove concrete driveway approach on south side of parcel and replace with full head concrete curb & gutter
2. Remove concrete pad and concrete block wall on north side of parcel
3. Remove metal planter in parkway
4. Remove foliage abutting concrete block wall

1403 68th STREET
1. Remove two (2) concrete driveway approaches on north side of parcel and one (1) concrete driveway approach on east side of parcel and replace with full head concrete curb & gutter
2. Remove concrete parking lot and interior curb
3. Remove all cyclone fencing
4. Remove metal sign post on east side of parcel
5. Remove abandoned car
6. Remove all trees, shrubs, bushes and other foliage

PLEASE NOTE: The property was used as a gas station from 1949-1972. It is the City's assumption that the underground gas storage tanks were removed.

6409 11th AVENUE
1. Remove front wooden stairs and rear concrete stairs
2. Remove concrete service walk on west side of parcel and service walk to 11th Avenue
3. Remove all trees, shrubs, bushes and other foliage as marked by the City

3705 52nd STREET
1. Remove gas station building, walls, and roof.
2. Remove canopy and three (3) metal posts.
3. Remove all material and debris, including material inside the gas station building.

DO NOT REMOVE BUILDING FLOOR, FOOTINGS OR FOUNDATION OR ANY RAISED CONCRETE CURBS OR PADS.

4. Remove 4” of crushed asphalt/gravel where underground storage tanks were removed and replace with 4” of asphalt applied in two 2” lifts. Crushed asphalt/gravel should be wetted and properly disposed of at a regulated and certified landfill site.
5. Remove one (1) tree east of gas station building (do not grind stump) and trim all trees, shrubs, bushes and other foliage that extend onto the property from the south

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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 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 WASTE, RAZE STRUCTURE(S) AND RESTORE LOT(S)

PROJECT NO. 11-18

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 waste, raze specific structure(s) and restore lots according to the Request for Proposal with Instructions to Proposers, the Detailed Description of Work to be Performed, the Environmental Inspection Reports, and the General Specifications and Conditions contained in the Request for Proposal, and the City has accepted the Contractor's Proposal, subject to the Contractor entering into and abiding by the terms and conditions of this Contract.

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

1. Definitions.

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

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

- Request for Proposal with Instructions to Proposers
- Detailed Description of Work to be Performed
- Environmental Inspection Reports
- General Specifications and Conditions

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

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

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

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

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

f. Work shall mean any contractual endeavor undertaken by the Contractor and/or any of the Contractor's approved subcontractors and major material suppliers to accomplish the removal and disposal of all Category I, Category II, Regulated Asbestos Containing Material (RACM), and Universal Waste from the specified structures, the razing of the specified structures, and the restoration of the specified lots, all in accordance with the Request for Proposal with Instructions to Proposers, the Detailed Description of Work to be Performed, the Environmental Inspection Reports, and the General Specifications and Conditions contained in the Request for Proposal.

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

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

Address: **1310 68th Street**
Parcel No**:** 05-123-06-314-010
Description: Two story concrete block commercial building constructed in 1946 with approximately 5,584 square feet.

Address: **1403 68th Street**
Parcel No: 05-123-06-307-020
Description: One story concrete block commercial building constructed in 1928 with approximately 1,326 square feet and a partial basement.

Address: **6409 11th Avenue**
Parcel No: 05-123-06-152-003
Description: Two story, two-unit residential wood framed structure constructed in 1893 with approximately 1,588 square feet and a basement and attic.

Address: **3705 52nd Street**
Parcel No: 09-222-36-329-013
Description: One story concrete block commercial building constructed in 1966 with approximately 425 square feet.

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. 11-18

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. 11-18

CHANGE ORDER

Project Number: 11-18

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:_____
Date:_____	Date:_____

PROJECT NO. 11-18

AFFIDAVIT RESPECTING
CONSTRUCTION LIEN WAIVERS/RELEASES

STATE OF _____)
:SS
COUNTY OF _____)

Project Number: 11-18

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: 1310 68th Street
PIN: 05-123-06-314-010

0 100
Feet

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

PRE-DEMOLITION INSPECTION REPORT
Job Site:

1310 68th Street
Kenosha, Wisconsin

For:

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

KPH Project # 18-400-001.1310

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

KPH Environmental
1237 West Bruce Street
Milwaukee, Wisconsin 53204

January 2018

TABLE OF CONTENTS

Pre-Demolition Inspection Report
1310 68th Street
Kenosha, Wisconsin

EXECUTIVE SUMMARY

KPH Environmental Corp (KPH), was retained by the City of Kenosha Department of Community Development and Inspections to conduct an inspection of the commercial building at 1310 68th Street, Kenosha, Wisconsin, prior to demolition. KPH conducted a visual inspection for asbestos, potential lead painted recyclable surfaces, and universal wastes. KPH collected asbestos bulk samples and paint chip samples for laboratory analysis.

Asbestos was detected above the regulatory level of 1% in exterior black caulk, transite panels on the exterior north wall and 2nd floor ceilings, built up roofing, and roof flashing. Under state and federal laws, some of these materials, as described below, likely require removed 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 samples but not exterior samples. All results are below the lead based paint standard of 0.5% in Ch. 254 of the Wisconsin Statutes. Results are in Section III of this report.

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 commercial building at 1310 68th Street, Kenosha, Wisconsin, for the following:

- Suspect asbestos containing materials
- Suspect lead painted surfaces that could be recycled, such as brick, concrete block, concrete, and metal
- Universal wastes such as refrigerators, light bulbs and PCB containing light fixture ballasts

Zohrab Khaligian, the City of Kenosha, authorized KPH to conduct an inspection and to analyze samples collected during the inspection. **The inspection of the commercial building at 1310 68th Street, Kenosha, Wisconsin, was conducted on January 4, 2018, to cover the items listed above.** The inspection was conducted by Damian Rogowski, Wisconsin Asbestos Inspector License No. 161300. Additional information on the inspection and results are contained in the following sections.

II. ASEBSTOS INSPECTION

A. Methods

This asbestos inspection included a visual determination as to the extent of visible and accessible suspect materials on the plumbing system and plaster walls and ceilings, sampling and documentation of any of these suspect materials, and quantification of observable and accessible positive materials existing within the spaces inspected that are planned for renovation.

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

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

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

B. List of Suspect Asbestos Containing Materials

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

- ∞ Concrete block/mortar
- ∞ Caulk
- ∞ Transite panel
- ∞ Tar paper
- ∞ Glass block mortar
- ∞ Wall mortar
- ∞ Ceramic tile/grout
- ∞ Window glazing compound
- ∞ Asphalt shingle siding
- ∞ Asphalt roofing
- ∞ Roof flashing
- ∞ Plaster
- ∞ Ceiling tile
- ∞ Drywall

∞ 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
1	Exterior – northeast corner wall – concrete block/mortar	Negative	MCB
2	Exterior – northwest corner wall – concrete block/mortar	Negative	MCB
3	Exterior – east wall – concrete block/mortar	Negative	MCB
4	Exterior – at southeast door – white caulk	Negative	MCLKw
5	Exterior – at west door – white caulk	Negative	MCLKw
6	Exterior – at northwest door – white caulk	Negative	MCLKw
7	**Exterior – west center wall at electrical pipe – black caulk**	**Positive 5% Chrysotile**	**MCLKk**
8	Not Analyzed Due to Prior Positive Sample	N/A	MCLKk
9	Not Analyzed Due to Prior Positive Sample	N/A	MCLKk
10	Exterior – west center at glass block window	Negative	MGBM
11	Exterior – west center at glass block window	Negative	MGBM
12	Exterior – west center at glass block window	Negative	MGBM
13	**Exterior – northeast corner wall – white transite panel**	**Positive 15% Chrysotile**	**MTPw**
14	Not Analyzed Due to Prior Positive Sample	N/A	MTPw
15	Not Analyzed Due to Prior Positive Sample	N/A	MTPw

Sample #	Location and Description	Results	Homogeneous Code
16	Exterior – at west center window – tar paper	Negative	MPT
17	Exterior – at south window – tar paper	Negative	MPT
18	Exterior – at southwest window – tar paper	Negative	MPT
19	Exterior – on southwest window – glass block mortar	Negative	MGBM
20	Exterior – on southeast window – glass block mortar	Negative	MGBM
21	Exterior – on west center window – glass block mortar	Negative	MGBM
22	Exterior – southwest corner stone wall – mortar	Negative	MSM
23	Exterior – south center stone wall – mortar	Negative	MSM
24	Exterior – southeast corner stone wall – mortar	Negative	MSM
25	2nd floor – room 7 – on west window – glazing compound	Negative	MPG
26	2nd floor – room 7 – on west window – glazing compound	Negative	MPG
27	2nd floor – room 7 – on east window – glazing compound	Negative	MPG
28	**2nd floor – room 7 – pieces on floor – gray transite**	**Positive 15% Chrysotile**	**MTPy**
29	Not Analyzed Due to Prior Positive Sample	N/A	MTPy
30	Not Analyzed Due to Prior Positive Sample	N/A	MTPy
31	2nd floor – room 7 – west center wall – black mastic	Negative	MWMk
32	2nd floor – room 9 – southwest corner wall – black mastic	Negative	MWMk
33	2nd floor – room 7 – north center wall – black mastic	Negative	MWMk
34	2nd floor – room 9 – on north wall – red asphalt shingle siding	Negative	MSSr
35	2nd floor – room 9 – on north wall – red asphalt shingle siding	Negative	MSSr
36	2nd floor – room 9 – on north wall – red asphalt shingle siding	Negative	MSSr
37	Exterior – north roof – north center – built up roofing	Negative	MRM
38	Exterior – north roof – east center – built up roofing	Negative	MRM
39a	**Exterior – south roof – tar layer**	**Positive 10% Chrysotile**	**MRM**
39b	Exterior – south roof – built up roofing	Negative	MRM
40	Exterior – north roof – at chimney – tar flashing	Negative	MRF
41	Exterior – center roof – at south wall – tar flashing	**Positive 10% Chrysotile**	**MRF**
42	Not Analyzed Due to Prior Positive Sample	N/A	MRF
43a	Exterior – center roof – south side – white asphalt shingle	Negative	MRSw
43b	Exterior – center roof – south side – under white asphalt shingle – tar paper	Negative	MRSw
44a	Exterior – center roof – north side – white asphalt shingle	Negative	MRSw
44b	Exterior – center roof – north side – under white asphalt shingle – tar paper	Negative	MRSw
45a	Exterior – center roof – west side – white asphalt shingle	Negative	MRSw
45b	Exterior – center roof – west side – under white asphalt shingle – tar paper	Negative	MRSw
46a	2nd floor – front stair – west wall – plaster skim coat	Negative	SPl
46b	2nd floor – front stair – west wall – plaster base coat	Negative	SPl
47a	1st floor – room 1 – east wall – plaster skim coat	Negative	SPl
47b	1st floor – room 1 – east wall – plaster base coat	Negative	SPl
48a	1st floor – room 6 – ceiling – plaster skim coat	Negative	SPl
48b	1st floor – room 6 – ceiling – plaster base coat	Negative	SPl

Sample #	Location and Description	Results	Homogeneous Code
49	1st floor – room 5 – ceiling – plaster base coat	Negative	SPl
50	1st floor – room 1 – ceiling – plaster base coat	Negative	SPl
51	Exterior – south roof – north side center – orange ceramic tile	Negative	MCTMo
52	Exterior – south roof – west side center – orange ceramic tile	Negative	MCTMo
53	Exterior – south roof – south side center – orange ceramic tile	Negative	MCTMo
54	1st floor – room 1 – south side on floor – 1' x 1' ceiling tile	Negative	MSCT11
55	1st floor – room 1 – center on floor – 1' x 1' ceiling tile	Negative	MSCT11
56	1st floor – room 1 – north side on floor – 1' x 1' ceiling tile	Negative	MSCT11
57	1st floor – room 1 north side – 1' x 2' ceiling tile	Negative	MSCT12
58	1st floor – room 1 center – 1' x 2' ceiling tile	Negative	MSCT12
59	1st floor – room 1 south side – 1' x 2' ceiling tile	Negative	MSCT12
60	1st floor – room 1 – on west wall – yellow mastic	Negative	MWMl
61	1st floor – room 1 – on west wall – yellow mastic	Negative	MWMl
62	1st floor – room 1 – on west wall – yellow mastic	Negative	MWMl
63	1st floor – room 5 – north side on floor – gray asphalt shingle	Negative	MRSy
64	1st floor – room 5 – center on floor – gray asphalt shingle	Negative	MRSy
65	1st floor – room 5 – south side on floor – gray asphalt shingle	Negative	MRSy
66	1st floor – room 1 – west wall – drywall	Negative	MDW
67	1st floor – room 3 – ceiling – drywall	Negative	MDW
68	1st floor – room 3 – at north wall – drywall	Negative	MDW

Homogeneous Material Codes

MCB	Concrete Block/Mortar
MCLKw	White Caulk
MCLKk	Black Caulk
MCLKr	Red Caulk
MTPw	White Transite
MTPy	Gray Transite
MGBM	Glass Block Mortar
MSM	Stone Wall Mortar
MPG	Glazing Compound
MWMk	Black Wall Mastic
MWMl	Yellow Wall Mastic
MSSr	Red Asphalt Shingle Siding
MRM	Built up Roofing
MRF	Roof Flashing
MRSw	White Asphalt Shingle
MRSy	Gray Asphalt Shingle
MCTMo	Orange Ceramic Tile
MSCT11	1' x 1' Ceiling Tile
MSCT12	1' x 2' Ceiling Tile
MDW	Drywall

E. Asbestos Locations and Quantities

Five (5) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials: white transite, gray transite, black caulk, built up roofing, and roof flashing.

Material	Homogeneous Code	Location	Approximate Quantity	Condition
White Transite Panel	MTPw	Exterior North Wall Upper Part	400 SF	Fair
Gray Transite Panel	MTPy	2nd Floor Room 7 Ceiling Plus Floor Debris 2nd Floor Room 8 Walls & Ceiling 2nd Floor Room 9 Ceiling Plus Floor Debris	1500 SF Ceiling, 1500 SF of Floor 220 SF 830 SF Ceiling, 830 SF of Floor	Poor
Black Caulk	MCLKy	Exterior West Wall at Electrical Pipe	1 SF	Fair
Built up Roofing	MRM	Roof Over North & South Sections of Building	2300 SF	Fair
Roof Flashing	MRF	Roof Over North, Center, & South Sections of Building	70 SF	Fair

The transites and black caulk are category II non-friable asbestos containing materials. The gray transite was in poor condition at the time of the inspection, with debris on the floor in 2nd floor rooms 7 and 9. Cleanup of the gray transite by a Wisconsin certified asbestos company is recommended. The white transite and black caulk were in fair condition. Abatement of these materials would be required if they become crumbled, pulverized or reduced to powder during demolition and become regulated asbestos containing materials (RACM) as defined under NR 447 of the Wisconsin Administrative Code.

The built up roofing and roof flashing are category I non-friable ACMs. They were in fair (non-friable) condition at the time of the inspection. These materials may remain on the building during demolition per NR 447. However, abatement of these materials would be required if they become crumbled, pulverized or reduced to powder during demolition and become RACM as defined under NR 447 of the Wisconsin Administrative Code.

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	Rooms 1, 5, & Basement Electrical Boxes	9 Boxes	Good

A friable asbestos problem does not exist at the site.

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 commercial building at 704 75th Street, Kenosha, Wisconsin, took place on January 3-4, 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 interior 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.

The inspection protocol in KPHs Building Inspection Standard Operating Procedures was used.

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: Commercial building at 1310 68th Street, Kenosha, Wisconsin

- ∞ Painted concrete and block were observed in 2 rooms. Lead was detected in all the paint at all locations sampled but below the 0.5% lead based paint standard in Ch. 254.

Exterior: Commercial building at 1310 68th Street, Kenosha, Wisconsin

- ∞ Painted metal and block were observed. Lead was not detected.

The following are the laboratory results.

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P01	Exterior	Northwest Corner Wall	Block	Gray	<0.0059
P02	Exterior	Northwest Door	Metal	Gray	<0.0055
P03	Room 1	Floor	Concrete	Gray	0.034
P04	Room 1	East Wall	Block	Red	0.0087
P05	Room 1	East Wall	Block	Blue	0.026
P06	Room 5	East Wall	Block	Brown	0.0061
P07	Room 5	Southeast Corner Wall	Block	White	0.013

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.

KPH recommends that U.S. EPA 40CFR 745 and Wisconsin DHS 163 lead safe renovation procedures be followed to contain and properly clean up any lead dust created during renovation.

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	Room 1, Rear Stair, Basement	30
Fluorescent Ballasts-PCB	Rooms 1, 3, & 4, Back Stairs	9
Tires	Rooms 1, 5, & 6	32 Tires

Material	Location	Approximate Quantity
Propane Tanks	Rooms 1 & 5	4 Tanks
Paint	Rooms 1 & 5	50 Gallons

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

V. EXCLUSIONS

Rear stair collapsed – stair not accessible. Roof collapsed into 2nd floor room 9 – room only partially accessible.

This report represents the condition of the building and its visible/accessible materials at the date and the times of the onsite inspection. Areas and materials that were hidden or not accessible are excluded, including some areas within walls and floors and above ceilings. Not all areas within walls and ceilings were accessible, and these areas may contain suspect asbestos containing materials. Hidden materials or those materials that could not be accessed at the point of inspection, over and above those stated in the inspection report, are the responsibility of the building owner and the demolition contractor.

A limited lead inspection was conducted. The results are representative only of the specific 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

ASBESTOS ANALYTICAL REPORT
By: Polarized Light Microscopy

Prepared for

KPH Environmental Corp

CLIENT PROJECT: Kenosha; 18-400-001.1310

CEI LAB CODE: A18-0297

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

REPORT DATE: 01/10/18

TOTAL SAMPLES ANALYZED: 61

SAMPLES >1% ASBESTOS: 5

TEL: 866-481-1412

www.ceilabs.com

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.1310 **CEI LAB CODE:** A18-0297

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
1		A2586715	Gray	Block/ Mortar	None Detected
2		A2586716	Gray	Block/ Mortar	None Detected
3		A2586717	Gray	Block/ Mortar	None Detected
4		A2586718	White	Caulk	None Detected
5	Layer 1	A2586719	Red,White	Caulk	None Detected
	Layer 2	A2586719	Off-white	Caulk	None Detected
6	Layer 1	A2586720	Gray,White	Caulk	None Detected
	Layer 2	A2586720	Gray	Caulk	None Detected
7		A2586721	Black	Caulk	Chrysotile 5%
8		A2586722		Sample Not Analyzed per COC	
9		A2586723		Sample Not Analyzed per COC	
10		A2586724	Gray,Brown	Caulk	None Detected
11		A2586725	Gray,Brown	Caulk	None Detected
12		A2586726	Gray,Brown	Caulk	None Detected
13		A2586727	White,Gray	Panel	Chrysotile 15%
14		A2586728		Semple Not Analyzed per CDC	
15		A2586729		Sample Not Analyzed per COC	
16		A2586730	Black	Tarpaper	None Detected
17		A2586731	Black,Gray	Tarpaper	None Detected
18		A2586732	Black	Tarpaper	None Detected
19		A2586733	Gray	Mortar	None Detected
20		A2586734	Gray	Mortar	None Detected
21		A2586735	Gray	Mortar	None Detected
22		A2586736	Gray	Mortar	None Detected
23		A2586737	Gray	Mortar	None Detected
24		A2586738	Gray	Mortar	None Detected
25		A2586739	White	Glazing	None Detected
26		A2586740	White	Glazing	None Detected
27		A2586741	Off-white	Glazing	None Detected
28		A2586742	Gray	Panel	Chrysotile 15%
29		A2586743		Sample Not Analyzed per COC	

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.1310 **CEI LAB CODE:** A18-0297

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
30		A2586744		Sample Not Analyzed per COC	
31		A2586745	Black	Mastic	None Detected
32		A2586746	Black	Mastic	None Detected
33		A2586747	Black	Mastic	None Detected
34		A2586748	Red,Black	Siding	None Detected
35		A2586749	Red,Black	Siding	None Detected
36		A2586750	Red,Black	Siding	None Detected
37		A2586751	Black	Roofing	None Detected
38		A2586752	Black	Roofing	None Detected
39	Layer 1	A2586753	Gray	Tar	Chrysotile 10%
	Layer 2	A2586753	Black	Roofing	None Detected
40		A2586754	Black	Flashing	None Detected
41		A2586755	Gray,Black	Flashing	Chrysotile 10%
42		A2586756		Sample Not Analyzed per COC	
43	Layer 1	A2586757	White,Black	Asphalt Shingle	None Detected
	Layer 2	A2586757	Black	Tarpaper	None Detected
44	Layer 1	A2586758	White,Black	Asphalt Shingle	None Detected
	Layer 2	A2586758	Black	Tarpaper	None Detected
45	Layer 1	A2586759	White,Black	Asphalt Shingle	None Detected
	Layer 2	A2586759	Black	Tarpaper	None Detected
46	Layer 1	A2586760	White	Plaster Skim Coat	None Detected
	Layer 2	A2586760	White	Plaster Base Coat	None Detected
47	Layer 1	A2586761	White	Plaster Skim Coat	None Detected
	Layer 2	A2586761	Gray	Plaster Base Coat	None Detected
48	Layer 1	A2586762	White	Plaster Skim Coat	None Detected
	Layer 2	A2586762	Beige	Plaster Base Coat	None Detected
49		A2586763	Gray	Plaster	None Detected
50		A2586764	Gray	Plaster	None Detected
51		A2586765	Gray	Mortar	None Detected
52		A2586766	Gray	Mortar	None Detected
53		A2586767	Gray	Mortar	None Detected

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.1310 **CEI LAB CODE:** A18-0297

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
54		A2586768	Tan	Tile	None Detected
55		A2586769	Tan	Tile	None Detected
56		A2586770	Tan	Tile	None Detected
57		A2586771	Tan	Tile	None Detected
58		A2586772	Tan	Tile	None Detected
59		A2586773	Tan	Tile	None Detected
60		A2586774	Yellow,White	Mud Material	None Detected
61		A2586775	Yellow,White	Mud Material	None Detected
62		A2586776	Yellow,White	Mud Material	None Detected
63		A2586777	Black	Asphalt Shingle	None Detected
64		A2586778	Black	Asphalt Shingle	None Detected
65		A2586779	White,Variously	Asphalt Shingle	None Detected
66		A2586780	White	Drywall	None Detected
67		A2586781	White	Drywall	None Detected
68		A2586782	White	Drywall	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: A18-0297
Date Received: 01-08-18
Date Analyzed: 01-10-18
Date Reported: 01-10-18

Project: Kenosha; 18-400-001.1310

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
1 A2586715	Block/ Mortar	Heterogeneous Gray Non-fibrous Bound			5% 65% 30%	Paint Silicates Binder	None Detected
2 A2586716	Block/ Mortar	Heterogeneous Gray Non-fibrous Bound			5% 65% 30%	Paint Silicates Binder	None Detected
3 A2586717	Block/ Mortar	Heterogeneous Gray Non-fibrous Bound			70% 30%	Silicates Binder	None Detected
4 A2586718	Caulk	Heterogeneous White Non-fibrous Bound			95% 5%	Caulk Binder	None Detected
5 Layer 1 A2586719	Caulk	Heterogeneous Red,White Non-fibrous Bound			90% 5% 5%	Caulk Binder Paint	None Detected
Layer 2 A2586719	Caulk	Heterogeneous Off-white Non-fibrous Bound	2%	Talc	50% 48%	Calc Carb Binder	None Detected
6 Layer 1 A2586720	Caulk	Heterogeneous Gray,White Non-fibrous Bound			90% 5% 5%	Caulk Binder Paint	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: A18-0297
Date Received: 01-08-18
Date Analyzed: 01-10-18
Date Reported: 01-10-18

Project: Kenosha; 18-400-001.1310

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
Layer 2 A2586720	Caulk	Heterogeneous Gray Non-fibrous Bound			95% 5%	Caulk Binder	None Detected
7 A2586721	Caulk	Heterogeneous Black Fibrous Bound	<1%	Fiberglass	90% 5%	Binder Silicates	5% Chrysotile
8 A2586722	Sample Not Analyzed per COC						
9 A2586723	Sample Not Analyzed per COC						
10 A2586724	Caulk	Heterogeneous Gray,Brown Non-fibrous Bound			90% 5% 5%	Caulk Binder Paint	None Detected
11 A2586725	Caulk	Heterogeneous Gray,Brown Non-fibrous Bound			90% 5% 5%	Caulk Binder Paint	None Detected
12 A2586726	Caulk	Heterogeneous Gray,Brown Non-fibrous Bound			90% 5% 5%	Caulk Binder Paint	None Detected
13 A2586727	Panel	Heterogeneous White,Gray Fibrous Bound			<1% 35% 50%	Paint Silicates Binder	15% Chrysotile
14 A2586728	Sample Not Analyzed per COC						

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: A18-0297
Date Received: 01-08-18
Date Analyzed: 01-10-18
Date Reported: 01-10-18

Project: Kenosha; 18-400-001.1310

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
15 A2586729	Sample Not Analyzed per COC						
16 A2586730	Tarpaper	Heterogeneous Black Fibrous Bound	70%	Cellulose	25% 5%	Tar Mica	None Detected
17 A2586731	Terpaper	Heterogeneous Black,Gray Fibrous Bound	70%	Cellulose	25% 2% 3%	Tar Mica Paint	None Detected
18 A2586732	Tarpaper	Heterogeneous Black Fibrous Bound	60%	Cellulose	40% <1%	Tar Silicates	None Detected
19 A2586733	Mortar	Heterogeneous Gray Non-fibrous Bound			65% 35%	Silicates Binder	None Detected
20 A2586734	Mortar	Heterogeneous Gray Non-fibrous Bound			5% 65% 30%	Paint Silicates Binder	None Detected
21 A2586735	Mortar	Heterogeneous Gray Non-fibrous Bound			65% 35%	Silicates Binder	None Detected
22 A2586736	Mortar	Heterogeneous Gray Non-fibrous Bound			70% 30%	Silicates Binder	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: A18-0297
Date Received: 01-08-18
Date Analyzed: 01-10-18
Date Reported: 01-10-18

Project: Kenosha; 18-400-001.1310

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
23 A2586737	Mortar	Heterogeneous Gray Non-fibrous Bound			70% 30%	Silicates Binder	None Detected
24 A2586738	Mortar	Heterogeneous Gray Non-fibrous Bound			70% 30%	Silicates Binder	None Detected
25 A2586739	Glazing	Heterogeneous White Non-fibrous Bound	<1%	Talc	50% 50% <1%	Calc Carb Binder Paint	None Detected
26 A2586740	Glazing	Heterogeneous White Non-fibrous Bound	<1%	Talc	50% 50% <1%	Calc Carb Binder Paint	None Detected
27 A2586741	Glazing	Heterogeneous Off-white Non-fibrous Bound			40% 60%	Calc Carb Binder	None Detected
28 A2586742	Panel	Heterogeneous Gray Fibrous Bound			<1% 35% 50%	Paint Silicates Binder	15% Chrysotile
29 A2586743	Sample Not Analyzed per COC						
30 A2586744	Sample Not Analyzed per COC						

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: A18-0297
Date Received: 01-08-18
Date Analyzed: 01-10-18
Date Reported: 01-10-18

Project: Kenosha; 18-400-001.1310

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
31 A2586745	Mastic	Homogeneous Black Non-fibrous Bound			100%	Tar	None Detected
32 A2586746	Mastic	Homogeneous Black Non-fibrous Bound			100%	Tar	None Detected
33 A2586747	Mastic	Homogeneous Black Non-fibrous Bound			100%	Tar	None Detected
34 A2586748	Siding	Heterogeneous Red,Black Fibrous Bound	30%	Cellulose	45% 25%	Tar Gravel	None Detected
35 A2586749	Siding	Heterogeneous Red,Black Fibrous Bound	30%	Cellulose	45% 25%	Tar Gravel	None Detected
36 A2586750	Siding	Heterogeneous Red,Black Fibrous Bound	30%	Cellulose	45% 25%	Tar Gravel	None Detected
37 A2586751	Roofing	Heterogeneous Black Fibrous Bound	15% 15%	Cellulose Fiberglass	70%	Tar	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: A18-0297
Date Received: 01-08-18
Date Analyzed: 01-10-18
Date Reported: 01-10-18

Project: Kenosha; 18-400-001.1310

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
38 A2586752	Roofing	Heterogeneous Black Fibrous Bound	15% 15%	Cellulose Fiberglass	70%	Tar	None Detected
39 Layer 1 A2586753	Tar	Heterogeneous Gray Fibrous Bound			90%	Tar	10% Chrysotile
Layer 2 A2586753	Roofing	Heterogeneous Black Fibrous Bound	15% 15%	Cellulose Fiberglass	70%	Tar	None Detected
40 A2586754	Flashing	Heterogeneous Black Fibrous Bound	5%	Cellulose	95%	Tar	None Detected
41 A2586755	Flashing	Heterogeneous Gray,Black Fibrous Bound			90%	Tar	10% Chrysotile
42 A2586756	Sample Not Analyzed per COC						
43 Layer 1 A2586757	Asphalt Shingle	Heterogeneous White,Black Fibrous Bound	30%	Cellulose	45% 25%	Tar Gravel	None Detected
Layer 2 A2586757	Tarpaper	Homogeneous Black Fibrous Bound	70%	Cellulose	30%	Tar	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: A18-0297
Date Received: 01-08-18
Date Analyzed: 01-10-18
Date Reported: 01-10-18

Project: Kenosha; 18-400-001.1310

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
44	Asphalt Shingle	Heterogeneous	30%	Cellulose	45%	Tar	None Detected
Layer 1		White,Black			25%	Gravel	
A2586758		Fibrous					
		Bound					
Layer 2	Tarpaper	Homogeneous	70%	Cellulose	30%	Tar	None Detected
A2586758		Black					
		Fibrous					
		Bound					
45	Asphalt Shingle	Heterogeneous	30%	Cellulose	45%	Tar	None Detected
Layer 1		White,Black			25%	Gravel	
A2586759		Fibrous					
		Bound					
Layer 2	Tarpaper	Homogeneous	70%	Cellulose	30%	Tar	None Detected
A2586759		Black					
		Fibrous					
		Bound					
46	Plaster Skim Coat	Heterogeneous	<1%	Cellulose	5%	Paint	None Detected
Layer 1		White			30%	Calc Carb	
A2586760		Non-fibrous			65%	Binder	
		Bound					
Layer 2	Plaster Base Coat	Heterogeneous			65%	Silicates	None Detected
A2586760		White			35%	Binder	
		Non-fibrous					
		Bound					
47	Plaster Skim Coat	Heterogeneous			5%	Paint	None Detected
Layer 1		White			35%	Calc Carb	
A2586761		Non-fibrous			60%	Binder	
		Bound					

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: A18-0297
Date Received: 01-08-18
Date Analyzed: 01-10-18
Date Reported: 01-10-18

Project: Kenosha; 18-400-001.1310

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	Non-Fibrous		ASBESTOS %
Layer 2 A2586761	Plaster Base Coat	Heterogeneous Gray Non-fibrous Bound		70% 30%	Silicates Binder	None Detected
48 Layer 1 A2586762	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound		35% 10% 55%	Silicates Calc Carb Binder	None Detected
Layer 2 A2586762	Plaster Base Coat	Heterogeneous Beige Non-fibrous Bound		65% 35%	Silicates Binder	None Detected
49 A2586763	Plaster	Heterogeneous Gray Non-fibrous Bound		5% 65% 30%	Paint Silicates Binder	None Detected
50 A2586764	Plaster	Heterogeneous Gray Non-fibrous Bound		5% 65% 30%	Paint Silicates Binder	None Detected
51 A2586765	Mortar	Heterogeneous Gray Non-fibrous Bound		70% 30%	Silicates Binder	None Detected
52 A2586766	Mortar	Heterogeneous Gray Non-fibrous Bound		70% 30%	Silicates Binder	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: A18-0297
Date Received: 01-08-18
Date Analyzed: 01-10-18
Date Reported: 01-10-18

Project: Kenosha; 18-400-001.1310

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
53 A2586767	Mortar	Heterogeneous Gray Non-fibrous Bound			70% 30%	Silicates Binder	None Detected
54 A2586768	Tile	Heterogeneous Tan Fibrous Bound	100%	Cellulose	<1%	Paint	None Detected
55 A2586769	Tile	Heterogeneous Tan Fibrous Bound	95%	Cellulose	5%	Paint	None Detected
56 A2586770	Tile	Heterogeneous Tan Fibrous Bound	95%	Cellulose	5%	Paint	None Detected
57 A2586771	Tile	Heterogeneous Tan Fibrous Bound	95%	Cellulose	5%	Paint	None Detected
58 A2586772	Tile	Heterogeneous Tan Fibrous Bound	95%	Cellulose	5%	Paint	None Detected
59 A2586773	Tile	Heterogeneous Tan Fibrous Bound	95%	Cellulose	5%	Paint	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: A18-0297
Date Received: 01-08-18
Date Analyzed: 01-10-18
Date Reported: 01-10-18

Project: Kenosha; 18-400-001.1310

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
60 A2586774	Mud Material	Heterogeneous Yellow,White Non-fibrous Bound			5% 70% 25%	Paint Calc Carb Binder	None Detected
Lab Notes: Sample appears to be a mud-like material with paint; no mastic present.							
61 A2586775	Mud Material	Heterogeneous Yellow,White Non-fibrous Bound			5% 70% 25%	Paint Calc Carb Binder	None Detected
Lab Notes: Sample appears to be a mud-like material with paint; no mastic present.							
62 A2586776	Mud Material	Heterogeneous Yellow,White Non-fibrous Bound			5% 70% 25%	Paint Calc Carb Binder	None Detected
Lab Notes: Sample appears to be a mud-like material with paint; no mastic present.							
63 A2586777	Asphalt Shingle	Heterogeneous Black Fibrous Bound	50%	Cellulose	50%	Tar	None Detected
64 A2586778	Asphalt Shingle	Heterogeneous Black Fibrous Bound	50%	Cellulose	50%	Tar	None Detected
65 A2586779	Asphalt Shingle	Heterogeneous White,Variously Fibrous Bound	30%	Cellulose	45% 25%	Tar Gravel	None Detected
66 A2586780	Drywall	Heterogeneous White Fibrous Bound	15%	Cellulose	85%	Gypsum	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: A18-0297
Date Received: 01-08-18
Date Analyzed: 01-10-18
Date Reported: 01-10-18

Project: Kenosha; 18-400-001.1310

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
67 A2586781	Drywall	Heterogeneous White Fibrous Bound	15%	Cellulose	85%	Gypsum	None Detected
68 A2586782	Drywall	Heterogeneous White Fibrous Bound	15%	Cellulose	85%	Gypsum	None Detected

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.

ANALYST: Samantha Card

Samantha Card

APPROVED BY: Tianbao Bai

Tianbao Bai, Ph.D., CIH
Laboratory Director

NVLAP TESTING
NVLAP LAB CODE 101768-0

ASBESTOS CHAIN OF CUSTODY

(58) 18-0297
A2586715
A2586782

CEI LABS
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 West Bruce Street	Project Name:	Kenosha
	Milwaukee, WI 53204	Project ID#:	18-400-001.1310
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	24 HR	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	[redacted]	☐	☐	☐	☐	☐
PLM BULK	CARB 435		☐	☐	☐	☐	☐
PCM AIR	NIOSH 7400	☐	☐	☐	☐	☐	☐
TEM AIR	EPA AHERA	☐	☐	☐	☐	☐	☐
TEM AIR	NIOSH 7402	☐	☐	☐	☐	☐	☐
TEM AIR	ISO 10312	☐	☐	☐	☐	☐	☐
TEM AIR	ASTM 6281-09	☐	☐	☐	☐	☐	☐
TEM BULK	CHATFIELD	[redacted]	☐	☐	☐	☐	☐
TEM DUST WIPE	ASTM D6480-05	☐	☐	☐	☐	☐	☐
TEM DUST MICROVAC	ASTM D5755-09	☐	☐	☐	☐	☐	☐
TEM SOIL	ASTM D7521-13	[redacted]		☐	☐	☐	☐
TEM VERMICULITE	CINCINNATI METHOD			☐	☐	☐	☐
OTHER:		☐	☐	☐	☐	☐	☐

REMARKS / SPECIAL INSTRUCTIONS:

Test until >1% for each homogeneous material

☑ Accept Samples

☐ Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
Dean Jacobsen	1/5/18 1700	MR	1/8/18 @ 9:10 am

Samples will be disposed of 30 days after analysis

Page 1 of 4

ASBESTOS SAMPLING FORM

CEI LABS

COMPANY CONTACT INFORMATION	
Company: KPH Environmental Corp.	Job Contact: Dean Jacobsen
Project Name: Kenosha	
Project ID #: 18-400-001.1310	Tel: (414) 647-1530

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

ASBESTOS SAMPLING FORM

7118-029

CEI LABS

COMPANY CONTACT INFORMATION	
Company: KPH Environmental Corp.	Job Contact: Dean Jacobsen
Project Name: Kenosha	
Project ID #: 18-400-001.1310	Tel: (414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
29	Panel		PLM [X]	TEM [ ]
30	↓		PLM [ ]	TEM [ ]
31	Mastic		PLM [ ]	TEM [ ]
32	↓		PLM [ ]	TEM [ ]
33			PLM [ ]	TEM [ ]
34	Siding		PLM [ ]	TEM [ ]
35	↓		PLM [ ]	TEM [ ]
36			PLM [ ]	TEM [ ]
37	Roofing		PLM [ ]	TEM [ ]
38	↓		PLM [ ]	TEM [ ]
39			PLM [ ]	TEM [ ]
40	Flashing		PLM [ ]	TEM [ ]
41	↓		PLM [ ]	TEM [ ]
42			PLM [ ]	TEM [ ]
43	Asphalt Shingle		PLM [ ]	TEM [ ]
44	↓		PLM [ ]	TEM [ ]
45			PLM [ ]	TEM [ ]
46	Plaster		PLM [ ]	TEM [ ]
47	↓		PLM [ ]	TEM [ ]
48			PLM [ ]	TEM [ ]
49	↓		PLM [ ]	TEM [ ]
50			PLM [ ]	TEM [ ]
51	Mortar		PLM [ ]	TEM [ ]
52	↓		PLM [ ]	TEM [ ]
53			PLM [ ]	TEM [ ]
54	Tile		PLM [ ]	TEM [ ]
55	↓		PLM [ ]	TEM [ ]
56			PLM [ ]	TEM [ ]

ASBESTOS SAMPLING FORM

CEI LABS

COMPANY CONTACT INFORMATION	
Company: KPH Environmental Corp.	Job Contact: Dean Jacobsen
Project Name: Kenosha	
Project ID #: 18-400-001.1310	Tel: (414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
57	Tile		PLM [X]	TEM [ ]
58	↓		PLM [ ]	TEM [ ]
59	↓		PLM [ ]	TEM [ ]
60	Mastic		PLM [ ]	TEM [ ]
61	↓		PLM [ ]	TEM [ ]
62	↓		PLM [ ]	TEM [ ]
63	Asphalt Shingle		PLM [ ]	TEM [ ]
64	↓		PLM [ ]	TEM [ ]
65	↓		PLM [ ]	TEM [ ]
66	Drywall		PLM [ ]	TEM [ ]
67	↓		PLM [ ]	TEM [ ]
68	↓		PLM [ ]	TEM [ ]
			PLM [ ]	TEM [ ]
			PLM [ ]	TEM [ ]
			PLM [ ]	TEM [ ]
			PLM [ ]	TEM [ ]
			PLM [ ]	TEM [ ]
			PLM [ ]	TEM [ ]
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			PLM [ ]	TEM [ ]
			PLM [ ]	TEM [ ]
			PLM [ ]	TEM [ ]
			PLM [ ]	TEM [ ]
			PLM [ ]	TEM [ ]

B. PAINT LABORATORY RESULTS

CEI Labs
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

CEI Lab Code: C18-0012
Received: 01-08-18
Analyzed: 01-11-18
Reported: 01-11-18

Project: Kenosha; 18-400-001.1310

ANALYSIS METHOD: EPA SW846 7000B

CLIENT ID	CEI LAB ID	PPM (µg/g)	CONCENTRATION % BY WEIGHT
P01	CA63022	<59	**<0.0059**
P02	CA63023	<55	**<0.0055**
P03	CA63024	340	**0.034**
P04	CA63025	87	**0.0087**
P05	CA63026	260	**0.026**
P06	CA63027	61	**0.0061**
P07	CA63028	130	**0.013**

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

Project: Kenosha; 18-400-001.1310

Lab Code: C18-0012

ANALYSIS METHOD: EPA SW846 7000B

CLIENT ID	CEI 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 CEI Labs 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, CEI Labs discards client samples after 30 days. This report shall not be reproduced, except in full, without the written consent of CEI Labs.

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

METALS
CHAIN OF CUSTODY

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

LAB USE ONLY:	
CEI Lab Code:	C18-0012 (1)
CEI Lab I.D. Range:	CA63022 - CA63028

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#	18-400-001.1310
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**	24 HR**	2 DAY	3 DAY	5 DAY
LEAD PAINT	EPA SW846 7000B				☐	☒	☐
LEAD WIPE	EPA SW846 7000B				☐	☐	☐
LEAD SOIL	EPA SW846 7000B				☐	☐	☐
LEAD AIR	NIOSH 7082				☐	☐	☐
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]	1/5/18 1700	MR	1/8/18 9:10am

Samples will be disposed of 30 days after analysis

METALS
SAMPLING FORM

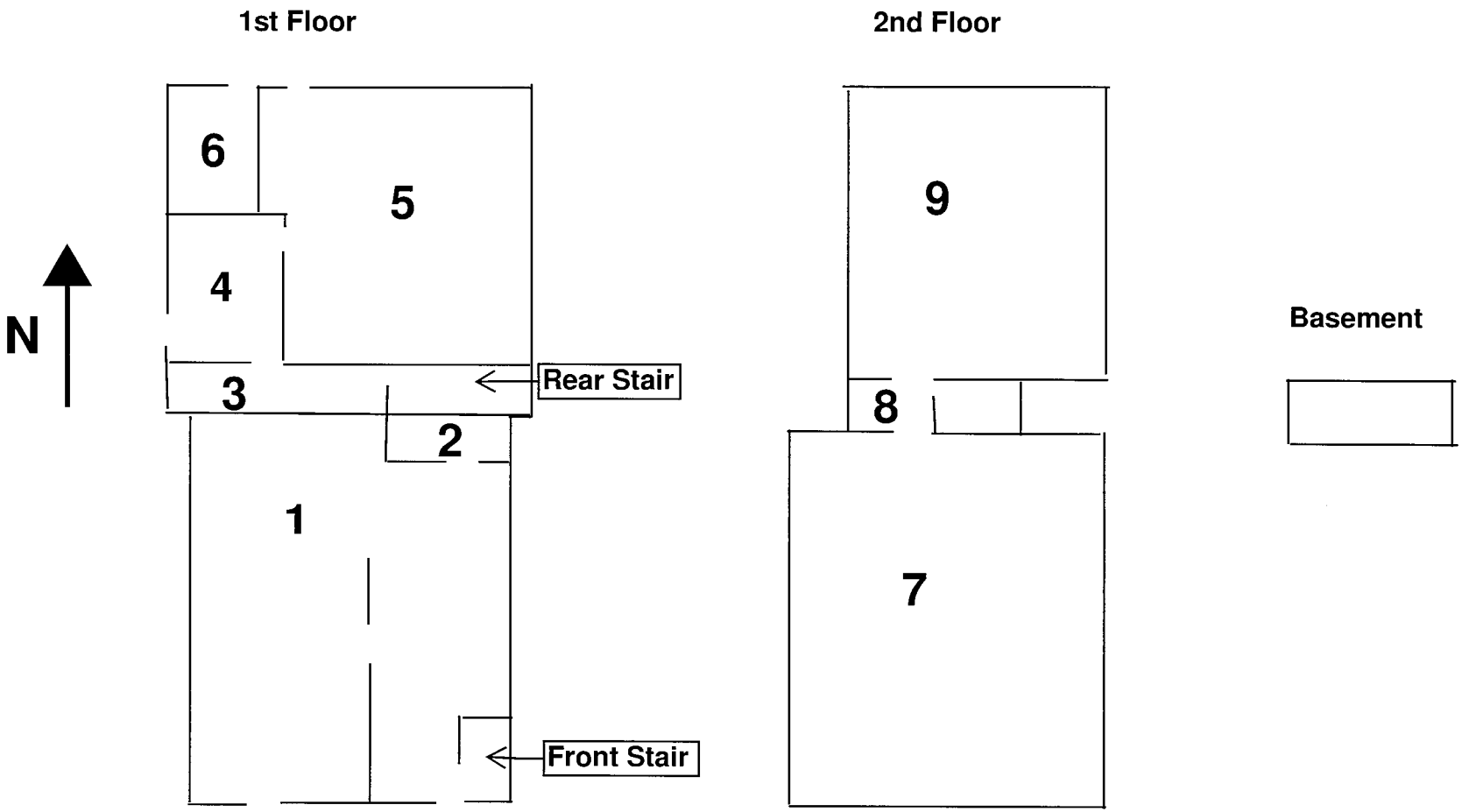
CEI LABS

COMPANY CONTACT INFORMATION			
Company:	KPH Environmental Corp.	Job Contact:	Dean Jacobsen
Project Name:	Kenosha		
Project ID #:	18-400-001.1310	Tel:	414-647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/AREA	COMMENTS
P01	Ext. Wall		
P02	Ext Door		
P03	Floor		
P04	Int. Wall		
P05	↓		
P06			
P07			

C. FLOOR PLAN

Commercial Building
1310 68th Street
Kenosha, Wisconsin



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

April 10, 2017

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

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

ID# AII-161300

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

Follow Wisconsin law by making sure that you:

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

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

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

By getting certified and working safely, you protect y
professional responsibility. Contact us if you have an
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

ASBESTOS INSPECTOR
Issued By
STATE OF WISCONSIN
Dept. of Health Services

Damian Scott Rogowski
1237 W Bruce St
Milwaukee WI 53204-1218

		185 lbs	5' 10"
AII-161300	Exp: 03/19/2018	12/01/1980	Male

Training due by: 03/19/2018

City of Kenosha

General Location Map

16TH AVE

15TH AVE

67TH PL

68TH ST

69TH ST

16TH AVE

14TH AVE

13TH AVE

UNION PACIFIC

Subject Property: 1403 68th Street
PIN: 05-123-06-307-020

0 150
Feet

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

PRE-DEMOLITION INSPECTION REPORT
Job Site:

1403 68th Street
Kenosha, Wisconsin

For:

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

KPH Project # 18-400-001.1403

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

KPH Environmental
1237 West Bruce Street
Milwaukee, Wisconsin 53204

January 2018

TABLE OF CONTENTS

Pre-Demolition Inspection Report
1403 68th Street
Kenosha, Wisconsin

EXECUTIVE SUMMARY

KPH Environmental Corp (KPH), was retained by the City of Kenosha Department of Community Development and Inspections to conduct an inspection of the gas station at 1403 68th Street, Kenosha, Wisconsin, prior to demolition. KPH conducted a visual inspection for asbestos, potential lead painted recyclable surfaces, and universal wastes. KPH collected asbestos bulk samples and paint chip samples for laboratory analysis.

Asbestos was detected above the regulatory level of 1% in built up roofing, roof flashing, and aircell insulation. Asbestos containing materials were assumed to be in the electrical boxes. Under state and federal laws, the aircell insulation will require removal prior to demolition since it meets the NR 447 definition of a regulated asbestos containing material. The other specific materials, as described below, may require removal 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 samples but not exterior samples. All results are below the lead based paint standard of 0.5% in Ch. 254 of the Wisconsin Statutes. Results are in Section III of this report.

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 gas station at 1403 68th Street, Kenosha, Wisconsin, for the following:

- Suspect asbestos containing materials
- Suspect lead painted surfaces that could be recycled, such as brick, concrete block, concrete, and metal
- Universal wastes such as refrigerators, light bulbs and PCB containing light fixture ballasts

Zohrab Khaligian, the City of Kenosha, authorized KPH to conduct an inspection and to analyze samples collected during the inspection. **The inspection of the building at 1403 68th Street, Kenosha, Wisconsin, was conducted on January 3-4, 2018, to cover the items listed above.** The inspection was conducted by Damian Rogowski, Wisconsin Asbestos Inspector License No. 161300. Additional information on the inspection and results are contained in the following sections.

II. ASEBSTOS INSPECTION

A. Methods

This asbestos inspection included a visual determination as to the extent of visible and accessible suspect materials on the plumbing system and plaster walls and ceilings, sampling and documentation of any of these suspect materials, and quantification of observable and accessible positive materials existing within the spaces inspected that are planned for renovation.

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

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

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

B. List of Suspect Asbestos Containing Materials

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

- Concrete block/mortar
- Brick/Mortar
- Window glazing compound
- Caulk
- Glass block mortar
- Tar paper
- Asphalt shingle
- Asphalt roofing
- Roof flashing
- Drywall/joint compound
- Aircell insulation
- Blown in insulation
- Plaster

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 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 center wall – brick	Negative	MBR
1b	Exterior – west center wall – mortar	Negative	MBR
2a	Exterior – northeast corner wall – brick	Negative	MBR
2b	Exterior – northeast corner wall – mortar	Negative	MBR
3a	Exterior – south wall – brick	Negative	MBR
3b	Exterior – south wall – mortar	Negative	MBR
4a	Exterior – west wall at old window – concrete block	Negative	MCB
4b	Exterior – west wall at old window – mortar	Negative	MCB
5a	Exterior – north wall at center door – concrete block	Negative	MCB
5b	Exterior – north wall at center door – mortar	Negative	MCB
6a	Exterior – east wall at old window – concrete block	Negative	MCB
6b	Exterior – east wall at old window – mortar	Negative	MCB
7	Exterior – on northwest windows – glazing compound	Negative	MPG
8	Exterior – on northwest windows – glazing compound	Negative	MPG
9	Exterior – on northwest windows – glazing compound	Negative	MPG
10	Exterior – on southwest window – black caulk	Negative	MCLKk
11	Exterior – on southwest window – black caulk	Negative	MCLKk
12	Exterior – on southwest window – black caulk	Negative	MCLKk
13	Exterior – west side in window hole – plaster patch	Negative	SPlP
14	Exterior – east side in window hole – plaster patch	Negative	SPlP

Sample #	Location and Description	Results	Homogeneous Code
15	Exterior – west side in window hole – plaster patch	Negative	SPlP
16	Exterior – southeast glass block window – mortar	Negative	MGBM
17	Exterior – northeast glass block window – mortar	Negative	MGBM
18	Exterior – southwest glass block window – mortar	Negative	MGBM
19	Roof – northwest under asphalt shingle – black and tan tar paper	Negative	MPTkt
20	Roof – northeast under asphalt shingle – black and tan tar paper	Negative	MPTkt
21	Roof – south under asphalt shingle – black and tan tar paper	Negative	MPTkt
22	Roof – northwest under black and tan tar paper – black tar paper	Negative	MPTk
23	Roof – northeast under black and tan tar paper – black tar paper	Negative	MPTk
24	Roof – south under black and tan tar paper – black tar paper	Negative	MPTk
25	Roof – northwest top layer – black asphalt shingle	Negative	MRSk
26	Roof – northeast top layer – black asphalt shingle	Negative	MRSk
27	Roof – south top layer – black asphalt shingle	Negative	MRSk
28	**Roof – southeast – tar flashing**	**Positive 10% Chrysotile**	**MRF**
28	Not Analyzed Due to Prior Positive Sample	N/A	MRF
29	Not Analyzed Due to Prior Positive Sample	N/A	MRF
31	**Roof – center section under asphalt shingle – built up roofing**	**Positive 10% Chrysotile**	**MRM**
32	Not Analyzed Due to Prior Positive Sample	N/A	MRM
33	Not Analyzed Due to Prior Positive Sample	N/A	MRM
34	1st floor – room 1 – north wall near door – drywall/joint compound	Negative	MDW
35	1st floor – room 1 – east wall – drywall/joint compound	Negative	MDW
36	1st floor – room 1 – center ceiling – drywall/joint compound	Negative	MDW
37	1st floor – room2 – on southeast window – white caulk	Negative	MCLKw
38	1st floor – room2 – on southeast window – white caulk	Negative	MCLKw
39	1st floor – room2 – on southeast window – white caulk	Negative	MCLKw
40	**1st floor – room 3 – southwest corner in ceiling - aircell pipe insulation**	**Positive 65% Chrysotile**	**TA**
41	Not Analyzed Due to Prior Positive Sample	N/A	TA5
42	Not Analyzed Due to Prior Positive Sample	N/A	TA5
43	1st floor – room 5 – in northeast ceiling – blown in insulation	Negative	MBI
44	1st floor – room 5 – in southwest ceiling – blown in insulation	Negative	MBI
45	1st floor – room 5 – debris on floor – blown in insulation	Negative	MBI
46a	1st floor – room 5 – east wall – plaster skim coat	Negative	SPl
46b	1st floor – room 5 – east wall – plaster base coat	Negative	SPl
47a	1st floor – room 5 – northwest wall – plaster skim coat	Negative	SPl
47b	1st floor – room 5 – northwest wall – plaster base coat	Negative	SPl
48	1st floor – room 4 – east wall – plaster	Negative	SPl
49	1st floor – room 1 – north wall – plaster	Negative	SPl
50a	1st floor – room 5 – northeast wall – plaster skim coat	Negative	SPl

Sample #	Location and Description	Results	Homogeneous Code
50b	1st floor – room 5 – northeast wall – plaster base coat	Negative	SPl

Homogeneous Material Codes

SPl	Plaster
SPlP	Plaster Patch
MBR	Brick/Mortar
MPG	Glazing Compound
MCLKk	Black Caulk
MCLKW	White Caulk
MGBM	Glass Block Mortar
MPTkt	Black & Tan Tar Paper
MPTk	Black Tar Paper
MRSk	Black Asphalt Shingle
MRM	Built up Roofing
MRF	Roof Flashing
MDW	Drywall/Joint Compound
MBI	Blown in Insulation
TA	Aircell Insulation

E. Asbestos Locations and Quantities

Three (3) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM): built up roofing, roof flashing, and aircell insulation.

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Built up Roofing	MRM	Center Section of Roof Under Asphalt Shingles	420 SF	Fair
Roof Flashing	MRF	Southeast Roof	12 SF	Fair
Aircell Insulation	TA	Room 3 – Scattered in Ceiling Room 4 – Scattered in Ceiling and on Room Floor	120 SF of Ceiling 120 SF of Ceiling & 120 SF of Floor	Poor

The built up roofing and roof flashing are category II friable ACMs. They were in fair (non-friable) condition at the time of the inspection. They may become crumbled, pulverized or reduced to powder during demolition and become regulated asbestos containing materials (RACM) as defined under NR 447 of the Wisconsin Administrative Code.

The aircell insulation is a fribale ACM and meets the definition of RACM in NR 447. NR 447.08 requires the building owner or operator to have the RACM removed from a facility being renovated or demolished before any activity begins that would break up, dislodge or similarly disturb the material. 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	Room 1 & Room 3 Electrical Boxes	2 Boxes	Good

A friable asbestos problem does exist at the site.

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 gas station at 1403 68th Street, Kenosha, Wisconsin, took place on January 3-4, 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 interior 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.

The inspection protocol in KPHs Building Inspection Standard Operating Procedures was used.

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: Gas station at 1403 68th Street, Kenosha, Wisconsin

- Painted block, brick, and concrete were observed in two rooms. Lead was not detected in one sample, but was detected in all other locations sampled below the 0.5% lead based paint standard in Ch. 254

Exterior: Gas station at 1403 68th Street, Kenosha, Wisconsin

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

The following are the laboratory results.

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P01	Room 1	South Center Wall	Block	White	<0.0047
P02	Room 1	West Wall	Brick	Yellow	0.21
P03	Room 1	Floor Near Stairs	Concrete	Gray	0.18
P04	Room 2	North Wall	Block	Black	0.029
P05	Exterior	North Wall	Block	White	0.40
P06	Exterior	North Wall	Block	Green	0.0049

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.

KPH recommends that U.S. EPA 40CFR 745 and Wisconsin DHS 163 lead safe renovation procedures be followed to contain and properly clean up any lead dust created during renovation.

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	Rooms 1 and 5	28 Tubes
Fluorescent Ballasts-PCB	Rooms 1 and 5	14
Tires	Room 5	3
Paint	Room 5	10 Gallons
Fire Extinguishers-CFC	Room 1	6

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

ASBESTOS ANALYTICAL REPORT
By: Polarized Light Microscopy

Prepared for

KPH Environmental Corp

CLIENT PROJECT: Kenosha; 18-400-001.1403

CEI LAB CODE: A18-0300

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

REPORT DATE: 01/10/18

TOTAL SAMPLES ANALYZED: 44

SAMPLES >1% ASBESTOS: 3

TEL: 866-481-1412

www.ceilabs.com

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.1403 **CEI LAB CODE:** A18-0300

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
1	Layer 1	A2586805	Green/Beige	Brick	None Detected
	Layer 2	A2586805	Beige	Mortar	None Detected
2	Layer 1	A2586806	Green/Beige	Brick	None Detected
	Layer 2	A2586806	Beige	Mortar	None Detected
3	Layer 1	A2586807	Green/Beige	Brick	None Detected
	Layer 2	A2586807	Beige	Mortar	None Detected
4	Layer 1	A2586808	Gray	Block	None Detected
	Layer 2	A2586808	Gray	Mortar	None Detected
5	Layer 1	A2586809	Gray	Block	None Detected
	Layer 2	A2586809	Gray	Mortar	None Detected
6	Layer 1	A2586810	Gray	Block	None Detected
	Layer 2	A2586810	Gray	Mortar	None Detected
7		A2586811	Gray	Glazing	None Detected
8		A2586812	Gray/Tan	Glazing	None Detected
9		A2586813	Gray/Tan	Glazing	None Detected
10		A2586814	Black	Caulk	None Detected
11		A2586815	Black	Caulk	None Detected
12		A2586816	Black	Caulk	None Detected
13		A2586817	Gray	Stucco	None Detected
14		A2586818	White/Beige	Stucco	None Detected
15		A2586819	Gray	Stucco	None Detected
16		A2586820	White	Mortar	None Detected
17		A2586821	Gray	Mortar	None Detected
18		A2586822	Gray	Mortar	None Detected
19		A2586823	Black	Tar Paper	None Detected
20		A2586824	Black	Tar Paper	None Detected
21		A2586825	Black	Tar Paper	None Detected
22		A2586826	Black	Tar Paper	None Detected
23		A2586827	Black	Tar Paper	None Detected
24		A2586828	Black	Tar Paper	None Detected
25		A2586829	Gray/Black	Asphalt Shingle	None Detected

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.1403 **CEI LAB CODE:** A18-0300

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
26		A2586830	Gray/Black	Asphalt Shingle	None Detected
27		A2586831	Gray/Black	Asphalt Shingle	None Detected
28		A2586832	Black	Flashing	Chrysotile 10%
29		A2586833		Sample Not Analyzed per COC	
30		A2586834		Sample Not Analyzed per COC	
31		A2586835	Black	Roofing	Chrysotile 10%
32		A2586836		Sample Not Analyzed per COC	
33		A2586837		Sample Not Analyzed per COC	
34		A2586838	White	Drywall/Joint Compound	None Detected
35		A2586839	White	Drywall/Joint Compound	None Detected
36		A2586840	White	Drywall/Joint Compound	None Detected
37		A2586841	White	Caulk	None Detected
38		A2586842	White	Caulk	None Detected
39		A2586843	White	Caulk	None Detected
40		A2586844	Cream	Aircell	Chrysotile 65%
41		A2586845		Sample Not Analyzed per COC	
42		A2586846		Sample Not Analyzed per COC	
43		A2586847	White	Insulation	None Detected
44		A2586848	Brown	Insulation	None Detected
45		A2586849	White	Insulation	None Detected
46	Layer 1	A2586850	Cream	Plaster Skim Coat	None Detected
	Layer 2	A2586850	Gray	Plaster Base Coat	None Detected
47	Layer 1	A2586851	Cream	Plaster Skim Coat	None Detected
	Layer 2	A2586851	Gray	Plaster Base Coat	None Detected
48		A2586852	Gray	Plaster	None Detected
49		A2586853	Gray	Plaster	None Detected
50	Layer 1	A2586854	White	Plaster Skim Coat	None Detected
	Layer 2	A2586854	Gray	Plaster Base Coat	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: A18-0300
Date Received: 01-08-18
Date Analyzed: 01-10-18
Date Reported: 01-10-18

Project: Kenosha; 18-400-001.1403

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
1	Brick	Heterogeneous	2%	Cellulose	8%	Paint	None Detected
Layer 1		Green/Beige			60%	Binder	
A2586805		Fibrous			30%	Silicates	
		Tightly Bound					
Layer 2	Mortar	Homogeneous	2%	Cellulose	60%	Binder	None Detected
A2586805		Beige			38%	Silicates	
		Fibrous					
		Bound					
2	Brick	Heterogeneous	2%	Cellulose	8%	Paint	None Detected
Layer 1		Green/Beige			60%	Binder	
A2586806		Fibrous			30%	Silicates	
		Tightly Bound					
Layer 2	Mortar	Homogeneous	2%	Cellulose	60%	Binder	None Detected
A2586806		Beige			38%	Silicates	
		Fibrous					
		Bound					
3	Brick	Heterogeneous	2%	Cellulose	8%	Paint	None Detected
Layer 1		Green/Beige			60%	Binder	
A2586807		Fibrous			30%	Silicates	
		Tightly Bound					
Layer 2	Mortar	Homogeneous	2%	Cellulose	60%	Binder	None Detected
A2586807		Beige			38%	Silicates	
		Fibrous					
		Bound					
4	Block	Heterogeneous	2%	Cellulose	3%	Paint	None Detected
Layer 1		Gray			60%	Binder	
A2586808		Fibrous			35%	Silicates	
		Tightly 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 %
Layer 2 A2586808	Mortar	Homogeneous Gray Fibrous Bound	2%	Cellulose	60% 38%	Binder Silicates	None Detected
5 Layer 1 A2586809	Block	Heterogeneous Gray Fibrous Tightly Bound	2%	Cellulose	3% 60% 35%	Paint Binder Silicates	None Detected
Layer 2 A2586809	Mortar	Homogeneous Gray Fibrous Bound	2%	Cellulose	60% 38%	Binder Silicates	None Detected
6 Layer 1 A2586810	Block	Heterogeneous Gray Fibrous Tightly Bound	2%	Cellulose	3% 60% 35%	Paint Binder Silicates	None Detected
Layer 2 A2586810	Mortar	Homogeneous Gray Fibrous Bound	2%	Cellulose	60% 38%	Binder Silicates	None Detected
7 A2586811	Glazing	Heterogeneous Gray Fibrous Bound	2%	Cellulose	8% 90%	Paint Binder	None Detected
8 A2586812	Glazing	Heterogeneous Gray/Tan Fibrous Bound	2%	Cellulose	8% 90%	Paint Binder	None Detected

ASBESTOS BULK ANALYSIS

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Project: Kenosha; 18-400-001.1403

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
9 A2586813	Glazing	Heterogeneous Gray/Tan Fibrous Bound	2% 	Cellulose	8% 90%	Paint Binder	None Detected
10 A2586814	Caulk	Homogeneous Black Fibrous Bound	2%	Cellulose	98%	Caulk	None Detected
11 A2586815	Caulk	Homogeneous Black Fibrous Bound	2%	Cellulose	98%	Caulk	None Detected
12 A2586816	Caulk	Homogeneous Black Fibrous Bound	2%	Cellulose	98%	Caulk	None Detected
13 A2586817	Stucco	Heterogeneous Gray Fibrous Bound	2%	Cellulose	8% 90%	Paint Binder	None Detected
14 A2586818	Stucco	Heterogeneous White/Beige Fibrous Bound	2%	Cellulose	8% 65% 25%	Paint Binder Silicates	None Detected
15 A2586819	Stucco	Heterogeneous Gray Fibrous Bound	2%	Cellulose	8% 90%	Paint Binder	None Detected

ASBESTOS BULK ANALYSIS

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Project: Kenosha; 18-400-001.1403

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
16 A2586820	Mortar	Homogeneous White Fibrous Bound	<1%	Cellulose	60% 40%	Binder Silicates	None Detected
17 A2586821	Mortar	Homogeneous Gray Fibrous Bound	<1%	Cellulose	60% 40%	Binder Silicates	None Detected
18 A2586822	Mortar	Homogeneous Gray Fibrous Bound	<1%	Cellulose	60% 40%	Binder Silicates	None Detected
19 A2586823	Tar Paper	Homogeneous Black Fibrous Bound	65%	Cellulose	35%	Tar	None Detected
20 A2586824	Tar Paper	Homogeneous Black Fibrous Bound	65%	Cellulose	35%	Tar	None Detected
21 A2586825	Tar Paper	Homogeneous Black Fibrous Bound	65%	Cellulose	35%	Tar	None Detected
22 A2586826	Tar Paper	Homogeneous Black Fibrous Bound	65%	Cellulose	35%	Tar	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: A18-0300
Date Received: 01-08-18
Date Analyzed: 01-10-18
Date Reported: 01-10-18

Project: Kenosha; 18-400-001.1403

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
23 A2586827	Tar Paper	Homogeneous Black Fibrous Bound	65%	Cellulose	35%	Tar	None Detected
24 A2586828	Tar Paper	Homogeneous Black Fibrous Bound	65%	Cellulose	35%	Tar	None Detected
25 A2586829	Asphalt Shingle	Heterogeneous Gray/Black Fibrous Bound	25%	Fiberglass	10% 60% 5%	Gravel Tar Silicates	None Detected
26 A2586830	Asphalt Shingle	Heterogeneous Gray/Black Fibrous Bound	30%	Cellulose	10% 60%	Gravel Tar	None Detected
27 A2586831	Asphalt Shingle	Heterogeneous Gray/Black Fibrous Bound	25%	Fiberglass	10% 60% 5%	Gravel Tar Silicates	None Detected
28 A2586832	Flashing	Heterogeneous Black Fibrous Bound	10%	Cellulose	80%	Tar	10% Chrysotile
29 A2586833	Sample Not Analyzed per COC						
30 A2586834	Sample Not Analyzed per COC						

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: A18-0300
Date Received: 01-08-18
Date Analyzed: 01-10-18
Date Reported: 01-10-18

Project: Kenosha; 18-400-001.1403

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
31 A2586835	Roofing	Heterogeneous Black Fibrous Bound	10%	Cellulose	80%	Tar	10% Chrysotile
32 A2586836	Sample Not Analyzed per COC						
33 A2586837	Sample Not Analyzed per COC						
34 A2586838	Drywall/Joint Compound	Heterogeneous White Fibrous Bound	15%	Cellulose	5% 15% 65%	Paint Calc Carb Gypsum	None Detected
35 A2586839	Drywall/Joint Compound	Heterogeneous White Fibrous Bound	15%	Cellulose	5% 15% 65%	Paint Calc Carb Gypsum	None Detected
36 A2586840	Drywall/Joint Compound	Heterogeneous White Fibrous Bound	15%	Cellulose	5% 15% 65%	Paint Calc Carb Gypsum	None Detected
37 A2586841	Caulk	Homogeneous White Fibrous Bound	2%	Cellulose	98%	Caulk	None Detected
38 A2586842	Caulk	Homogeneous White Fibrous Bound	2%	Cellulose	98%	Caulk	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: A18-0300
Date Received: 01-08-18
Date Analyzed: 01-10-18
Date Reported: 01-10-18

Project: Kenosha; 18-400-001.1403

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
39 A2586843	Caulk	Homogeneous White Fibrous Bound	2%	Cellulose	98%	Caulk	None Detected
40 A2586844	Aircell	Heterogeneous Cream Fibrous Loosely Bound	10%	Cellulose	25%	Binder	**65% Chrysotile**
41 A2586845	Sample Not Analyzed per COC						
42 A2586846	Sample Not Analyzed per COC						
43 A2586847	Insulation	Homogeneous White Fibrous Loose	100%	Fiberglass			None Detected
44 A2586848	Insulation	Heterogeneous Brown Fibrous Loosely Bound	100%	Cellulose			None Detected
45 A2586849	Insulation	Homogeneous White Fibrous Loose	100%	Fiberglass			None Detected
46 Layer 1 A2586850	Plaster Skim Coat	Heterogeneous Cream Fibrous Bound	2%	Cellulose	5% 60% 33%	Paint Binder Silicates	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: A18-0300
Date Received: 01-08-18
Date Analyzed: 01-10-18
Date Reported: 01-10-18

Project: Kenosha; 18-400-001.1403

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
Layer 2 A2586850	Plaster Base Coat	Homogeneous Gray Fibrous Bound	2% <1%	Cellulose Hair	60% 38%	Binder Silicates	None Detected
47 Layer 1 A2586851	Plaster Skim Coat	Heterogeneous Cream Fibrous Bound	2%	Cellulose	5% 60% 33%	Paint Binder Silicates	None Detected
Layer 2 A2586851	Plaster Base Coat	Homogeneous Gray Fibrous Bound	2% <1%	Cellulose Hair	60% 38%	Binder Silicates	None Detected
48 A2586852	Plaster	Homogeneous Gray Fibrous Bound	2% <1%	Cellulose Hair	60% 38%	Binder Silicates	None Detected
49 A2586853	Plaster	Homogeneous Gray Fibrous Bound	2% <1%	Cellulose Hair	60% 38%	Binder Silicates	None Detected
50 Layer 1 A2586854	Plaster Skim Coat	Heterogeneous White Fibrous Bound	2%	Cellulose	5% 60% 33%	Paint Binder Silicates	None Detected
Layer 2 A2586854	Plaster Base Coat	Homogeneous Gray Fibrous Bound	2% <1%	Cellulose Hair	60% 38%	Binder Silicates	None Detected

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 CEI Labs, Inc. CEI Labs 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: Shilpa Ladekar

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

NVLAP TESTING
NVLAP LAB CODE 101768-0

ASBESTOS CHAIN OF CUSTODY

A258 6805
A258 6852

CEI LABS
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 West Bruce Street	Project Name:	Kenosha
	Milwaukee, WI 53204	Project ID#:	18-400-001.1403
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	24 HR	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	ISO 10312	☐	☐	☐	☐	☐	☐
TEM AIR	ASTM 6281-09	☐	☐	☐	☐	☐	☐
TEM BULK	CHATFIELD		☐	☐	☐	☐	☐
TEM DUST WIPE	ASTM D6480-05	☐	☐	☐	☐	☐	☐
TEM DUST MICROVAC	ASTM D5755-09	☐	☐	☐	☐	☐	☐
TEM SOIL	ASTM D7521-13			☐	☐	☐	☐
TEM VERMICULITE	CINCINNATI METHOD			☐	☐	☐	☐
OTHER:		☐	☐	☐	☐	☐	☐

REMARKS / SPECIAL INSTRUCTIONS:

Test Until > 1% for Each Homogeneous Material

☑ Accept Samples
☐ Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
	1/5/18 1700	MR	1/8/18 9:10am

Samples will be disposed of 30 days after analysis

Page 1 *of* 3

ASBESTOS SAMPLING FORM

CEI LABS

COMPANY CONTACT INFORMATION	
Company: KPH Environmental Corp.	Job Contact: Dean Jacobsen
Project Name: Kenosha	
Project ID #: 18-400-001.1403	Tel: (414) 647-1530

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

ASBESTOS
SAMPLING FORM

CEI LABS

COMPANY CONTACT INFORMATION	
Company: KPH Environmental Corp.	Job Contact: Dean Jacobsen
Project Name: Kenosha	
Project ID #: 18-400-001.1403	Tel: (414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
29	Flushing		PLM ☒	TEM ☐
30	↓		PLM ☐	TEM ☐
31	Roofing		PLM ☐	TEM ☐
32	↓		PLM ☐	TEM ☐
33			PLM ☐	TEM ☐
34	Drywall / Joint Cmpd		PLM ☐	TEM ☐
35	↓		PLM ☐	TEM ☐
36			PLM ☐	TEM ☐
37	Caulk		PLM ☐	TEM ☐
38	↓		PLM ☐	TEM ☐
39			PLM ☐	TEM ☐
40	Airwall		PLM ☐	TEM ☐
41	↓		PLM ☐	TEM ☐
42			PLM ☐	TEM ☐
43	Insulation		PLM ☐	TEM ☐
44	↓		PLM ☐	TEM ☐
45			PLM ☐	TEM ☐
46	Plaster		PLM ☐	TEM ☐
47	↓		PLM ☐	TEM ☐
48			PLM ☐	TEM ☐
49			PLM ☐	TEM ☐
50			PLM ☒	TEM ☐
			PLM ☐	TEM ☐
			PLM ☐	TEM ☐
			PLM ☐	TEM ☐
			PLM ☐	TEM ☐
			PLM ☐	TEM ☐
			PLM ☐	TEM ☐

B. PAINT LABORATORY RESULTS

CEI Labs
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

CEI Lab Code: C18-0013
Received: 01-08-18
Analyzed: 01-10-18
Reported: 01-10-18

Project: Kenosha; 18-400-001.1403

ANALYSIS METHOD: EPA SW846 7000B

CLIENT ID	CEI LAB ID	PPM (µg/g)	CONCENTRATION % BY WEIGHT
P01	CA63029	<47	**<0.0047**
Sample contains substrate, potentially affecting results			
P02	CA63030	2100	**0.21**
P03	CA63031	1800	**0.18**
P04	CA63032	290	**0.029**
P05	CA63033	4000	**0.40**
P06	CA63034	49	**0.0049**

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

Project: Kenosha; 18-400-001.1403

Lab Code: C18-0013

ANALYSIS METHOD: EPA SW846 7000B

CLIENT ID	CEI 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 CEI Labs 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, CEI Labs discards client samples after 30 days. This report shall not be reproduced, except in full, without the written consent of CEI Labs.

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

METALS
CHAIN OF CUSTODY

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

LAB USE ONLY:
CEI Lab Code: CK-0013 (6)
CEI Lab I.D. Range: CA63029 - CA63034

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#	18-400-001.1403
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**	24 HR**	2 DAY	3 DAY	5 DAY
LEAD PAINT	EPA SW846 7000B				☐	☒	☐
LEAD WIPE	EPA SW846 7000B				☐	☐	☐
LEAD SOIL	EPA SW846 7000B				☐	☐	☐
LEAD AIR	NIOSH 7082				☐	☐	☐
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]	1/5/18 1700	MR	1/8/18 9:10am

Samples will be disposed of 30 days after analysis

METALS
SAMPLING FORM

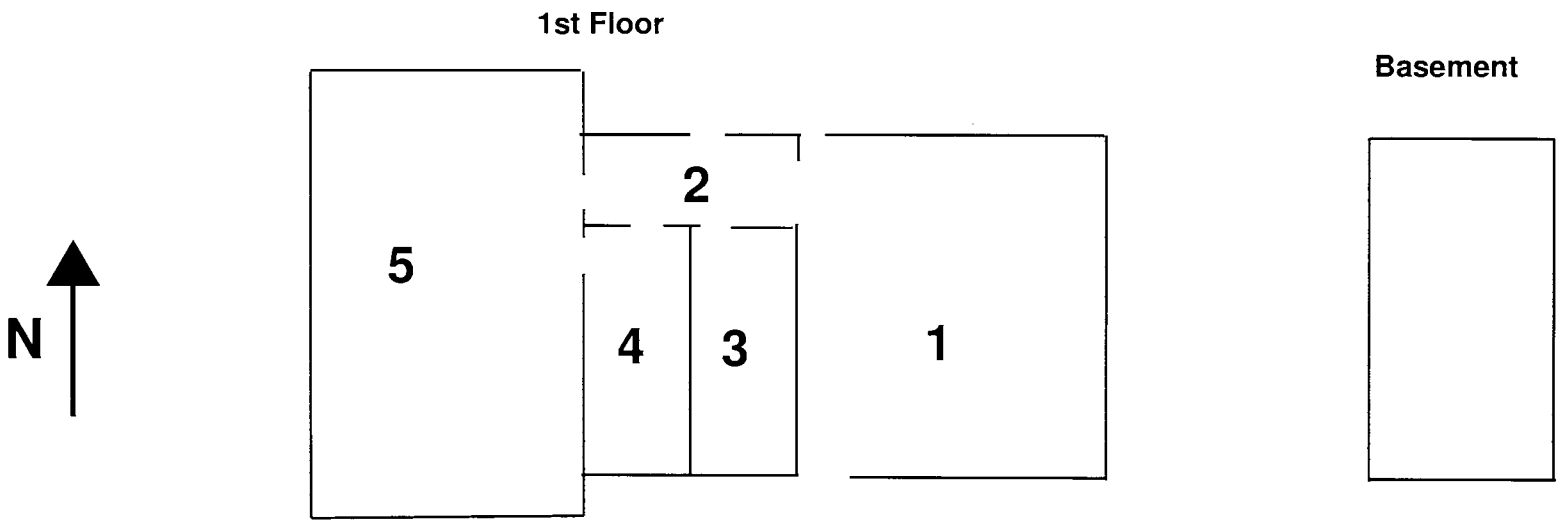
CEI LABS

COMPANY CONTACT INFORMATION			
Company:	KPH Environmental Corp.	Job Contact:	Dean Jacobsen
Project Name:	Kenosha		
Project ID #:	18-400-001.1403	Tel:	414-647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/AREA	COMMENTS
P01	Int. Wall		
P02	↓		
P03	Floor		
P04	Int. Wall		
P05	Ext. Wall		
P06	↓		

C. FLOOR PLAN

Gas Station
1403 68th Street
Kenosha, Wisconsin



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

April 10, 2017

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

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

ID# AII-161300

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

Follow Wisconsin law by making sure that you:

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

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

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

By getting certified and working safely, you protect y
professional responsibility. Contact us if you have an
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

City of Kenosha

General Location Map

12TH AVE

10TH AVE

64TH ST

11TH AVE

65TH ST

SHERIDAN RD

66TH ST

Subject Property: 6409 11th Avenue
PIN: 05-123-06-151-004

0 150

Feet

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

PRE-DEMOLITION INSPECTION REPORT
Job Site:

Duplex
6409 11th 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 # 18-400-001.6409

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

KPH Environmental
1237 West Bruce Street
Milwaukee, Wisconsin 53204

January 2018

TABLE OF CONTENTS

Pre-Demolition Inspection Report
6409 11th 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 duplex at 6409 11th 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:

- Exterior caulk around the gas pipe,
- Roof flashing on the north and south roof bump outs and chimney,
- 1st floor sink undercoating,
- 1st floor bathroom linoleum and floor tile,
- Stair tread, and
- Duct wrap.

Under state and federal laws, the duct wrap, linoleum, and sink undercoating likely have to be abated prior to demolition. The caulk, roof flashing, floor tile, and stair tread 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.

Painted recyclable surfaces such as metal, brick, block, and concrete were not identified during the inspection.

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 6409 11th 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 6409 11th Avenue, Kenosha, Wisconsin, was conducted on January 17, 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:

- Paper insulation
- Window glazing compound
- Brick/Mortar
- Asphalt roofing
- Tar paper
- Roof flashing
- Caulk
- Linoleum/mastic
- Vinyl wallbase/mastic
- Sink undercoat

- Plaster
- Drywall/joint compound
- Floor tile/mastic
- Stair tread
- Duct wrap
- Blown in insulation
- Flue packing
- 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
1	Exterior – north wall under wood siding – paper insulation	Negative	MPI
2	Exterior – south wall under wood siding – paper insulation	Negative	MPI
3	Exterior – east wall under wood siding – paper insulation	Negative	MPI
4	Basement – on south window – glazing compound	Negative	MPG
5	1st floor – kitchen – on east window – glazing compound	Negative	MPG
6	2nd floor – living room – on west window – glazing compound	Negative	MPG

Sample #	Location and Description	Results	Homogeneous Code
7a	Exterior – basement level – north wall – brick	Negative	MBR
7b	Exterior – basement level – north wall – mortar	Negative	MBR
8a	Exterior – basement level – south wall – brick	Negative	MBR
8b	Exterior – basement level – south wall – mortar	Negative	MBR
9a	Exterior – basement level – east wall – brick	Negative	MBR
9b	Exterior – basement level – east wall – mortar	Negative	MBR
10	Roof – north side top layer – black asphalt shingle	Negative	MRSk
11	Roof – south side top layer – black asphalt shingle	Negative	MRSk
12	Roof – east side top layer – black asphalt shingle	Negative	MRSk
13	Roof – north side bottom layer – tar paper	Negative	MPT
14	Roof – south side bottom layer – tar paper	Negative	MPT
15	Roof – east side bottom layer – tar paper	Negative	MPT
16	Exterior – northwest wall at gas pipe – black caulk	Negative	MCLKk
17	**Exterior – northwest wall at gas pipe – black caulk**	**Positive 50% Chrysotile**	**MCLKk**
18	Not Analyzed Due to Prior Positive Sample	N/A	MCLKk
19	Exterior – northwest wall at PVC exhaust pipe – gray caulk	Negative	MCLKy
20	Exterior – northwest wall at PVC exhaust pipe – gray caulk	Negative	MCLKy
21	Exterior – northwest wall at PVC exhaust pipe – gray caulk	Negative	MCLKy
22	2nd floor – exterior – north side at roof bump out on metal side trim– cream caulk	Negative	MCLKc
23	2nd floor – exterior – north side at roof bump out on metal side trim– cream caulk	Negative	MCLKc
24	2nd floor – exterior – south side at roof bump out on metal side trim– cream caulk	Negative	MCLKc
25	**2nd floor – exterior – north side at roof bump out on metal top trim– tar flashing**	**Positive 50% Chrysotile**	**MRF**
26	Not Analyzed Due to Prior Positive Sample	N/A	MRF
27	Not Analyzed Due to Prior Positive Sample	N/A	MRF
28	1st floor – kitchen west side – top layer – gray linoleum	Negative	MFLy
29	1st floor – kitchen east side – top layer – gray linoleum	Negative	MFLy
30	1st floor – bathroom center – top layer – gray linoleum	Negative	MFLy
31	1st floor – kitchen center – under plywood – white linoleum	Negative	MFLw
32	1st floor – kitchen east side – under plywood – white linoleum	Negative	MFLw
33	1st floor – kitchen west side – under plywood – white linoleum	Negative	MFLw
34	1st floor – kitchen – on counter top – tan linoleum	Negative	MFLt
35	1st floor – kitchen – on counter top – tan linoleum	Negative	MFLt
36	1st floor – kitchen – on counter top – tan linoleum	Negative	MFLt
37	1st floor – kitchen – on north wall – cream linoleum	Negative	MFLc
38	1st floor – kitchen – on west wall – cream linoleum	Negative	MFLc
39	1st floor – kitchen – on south wall – cream linoleum	Negative	MFLc
40a	1st floor – kitchen – on west wall – 4” tan vinyl wallbase	Negative	MV4t
40b	1st floor – kitchen – on west wall – under 4” tan vinyl wallbase – tan mastic	Negative	MV4t

Sample #	Location and Description	Results	Homogeneous Code
41a	1st floor – kitchen – on center wall – 4" tan vinyl wallbase	Negative	MV4t
41b	1st floor – kitchen – on center wall – under 4" tan vinyl wallbase – tan mastic	Negative	MV4t
42a	1st floor – kitchen – on north wall – 4" tan vinyl wallbase	Negative	MV4t
42b	1st floor – kitchen – on north wall – under 4" tan vinyl wallbase – tan mastic	Negative	MV4t
43	**1st floor – kitchen – on sinks – black undercoat**	**Positive 10% Chrysotile**	**MSUk**
44	Not Analyzed Due to Prior Positive Sample	N/A	MSUk
45	Not Analyzed Due to Prior Positive Sample	N/A	MSUk
46	1st floor – pantry – south side under carpet – beige linoleum	Negative	MFLe
47	1st floor – pantry – center under carpet – beige linoleum	Negative	MFLe
48	1st floor – pantry – north side under carpet – beige linoleum	Negative	MFLe
49a	1st floor – pantry – west wall – plaster skim coat	Negative	SPl
49b	1st floor – pantry – west wall – plaster base coat	Negative	SPl
50a	1st floor – east bedroom – west wall – plaster skim coat	Negative	SPl
50b	1st floor – east bedroom – west wall – plaster base coat	Negative	SPl
51a	1st floor – living room – south wall – plaster skim coat	Negative	SPl
51b	1st floor – living room – south wall – plaster base coat	Negative	SPl
52a	2nd floor – kitchen – east wall – plaster skim coat	Negative	SPl
52b	2nd floor – kitchen – east wall – plaster base coat	Negative	SPl
53a	2nd floor – living room – west wall – plaster skim coat	Negative	SPl
53b	2nd floor – living room – west wall – plaster base coat	Negative	SPl
54	1st floor – kitchen – east wall – drywall/joint compound	Negative	MDW
55	1st floor – east bedroom – north wall – drywall/joint compound	Negative	MDW
56	2nd floor – kitchen – east wall – drywall/joint compound	Negative	MDW
57	**1st floor – bathroom at entry – 3rd layer – tan and brown linoleum**	**Positive 25% Chrysotile**	**MFLtn**
58	Not Analyzed Due to Prior Positive Sample	N/A	MFLtn
59	Not Analyzed Due to Prior Positive Sample	N/A	MFLtn
60a	**1st floor – bathroom at entry – 5th layer – 9" tan floor tile**	**Positive 5% Chrysotile**	**MF9t**
60b	1st floor – bathroom at entry – 5th layer – under 9" tan floor tile – black mastic	Negative	MF9t
60c	1st floor – bathroom at entry – 5th layer – under black mastic – tar paper	Negative	MF9t
61a	Not Analyzed Due to Prior Positive Sample	N/A	MF9t
61b	1st floor – bathroom at entry – 5th layer – under 9" tan floor tile – black mastic	Negative	MF9t
61c	1st floor – bathroom at entry – 5th layer – under black mastic – tar paper	Negative	MF9t
62a	Not Analyzed Due to Prior Positive Sample	N/A	MF9t
62b	1st floor – bathroom at entry – 5th layer – under 9" tan floor tile – black mastic	Negative	MF9t
62c	1st floor – bathroom at entry – 5th layer – under black mastic – tar paper	Negative	MF9t

Sample #	Location and Description	Results	Homogeneous Code
63a	**1st floor – bathroom at entry – 6th layer – 9" red floor tile**	**Positive 5% Chrysotile**	**MF9r**
63b	1st floor – bathroom at entry – 6th layer – under 9" red floor tile – yellow mastic	Negative	MF9r
63c	1st floor – bathroom at entry – 6th layer – under yellow mastic – felt paper	Negative	MF9r
64a	Not Analyzed Due to Prior Positive Sample	N/A	MF9r
64b	1st floor – bathroom at entry – 6th layer – under 9" red floor tile – yellow mastic	Negative	MF9r
64c	1st floor – bathroom at entry – 6th layer – under yellow mastic – felt paper	Negative	MF9r
65a	Not Analyzed Due to Prior Positive Sample	N/A	MF9r
65b	1st floor – bathroom at entry – 6th layer – under 9" red floor tile – yellow mastic	Negative	MF9r
65c	1st floor – bathroom at entry – 6th layer – under yellow mastic – felt paper	Negative	MF9r
66	1st floor – bathroom – on tub – white caulk	Negative	MCLKw
67	1st floor – bathroom – on tub – white caulk	Negative	MCLKw
68	1st floor – bathroom – on sink at wall – white caulk	Negative	MCLKw
69	1st floor – bathroom – on north wall under tub surround – tan mastic	Negative	MWMt
70	1st floor – bathroom – on east wall under tub surround – tan mastic	Negative	MWMt
71	1st floor – bathroom – on west wall under tub surround – tan mastic	Negative	MWMt
72a	**1st floor – stair to 2nd floor – bottom step under carpet – tan stair tread**	**Positive 5% Chrysotile**	**MSTt**
72b	1st floor – stair to 2nd floor – bottom step under tan stair tread – brown mastic	Negative	MSTt
73a	Not Analyzed Due to Prior Positive Sample	N/A	MSTt
73b	1st floor – stair to 2nd floor – center step under tan stair tread – brown mastic	Negative	MSTt
74a	Not Analyzed Due to Prior Positive Sample	N/A	MSTt
74b	1st floor – stair to 2nd floor – step near top under tan stair tread – brown mastic	Negative	MSTt
75a	2nd floor – stair landing – under carpet – 12" white and blue floor tile	Negative	MF12wb
75b	2nd floor – stair landing – under carpet – under 12" white and blue floor tile – yellow mastic	Negative	MF12wb
76a	2nd floor – bathroom north side – 12" white and blue floor tile	Negative	MF12wb
76b	2nd floor – bathroom north side – under 12" white and blue floor tile – yellow mastic	Negative	MF12wb
77a	2nd floor – bathroom south side – 12" white and blue floor tile	Negative	MF12wb
77b	2nd floor – bathroom south side – under 12" white and blue floor tile – yellow mastic	Negative	MF12wb
78a	2nd floor – bathroom – on west wall – white ceramic tile	Negative	MCTMw
78b	2nd floor – bathroom – on west wall – grout	Negative	MCTMw
78c	2nd floor – bathroom – on west wall – under white ceramic tile – yellow mastic	Negative	MCTMw

Sample #	Location and Description	Results	Homogeneous Code
79a	2nd floor – bathroom – on south wall – white ceramic tile	Negative	MCTMw
79b	2nd floor – bathroom – on south wall – grout	Negative	MCTMw
79c	2nd floor – bathroom – on south wall – under white ceramic tile – yellow mastic	Negative	MCTMw
80a	2nd floor – bathroom – on east wall – white ceramic tile	Negative	MCTMw
80b	2nd floor – bathroom – on east wall – grout	Negative	MCTMw
80c	2nd floor – bathroom – on east wall – under white ceramic tile – yellow mastic	Negative	MCTMw
81	2nd floor – kitchen center – top layer – gray and blue linoleum	Negative	MFLyb
82	2nd floor – kitchen west side – top layer – gray and blue linoleum	Negative	MFLyb
83	2nd floor – kitchen east side – top layer – gray and blue linoleum	Negative	MFLyb
84	2nd floor – kitchen center – bottom layer – yellow linoleum	Negative	MFLl
85	2nd floor – kitchen west side – bottom layer – yellow linoleum	Negative	MFLl
86	2nd floor – kitchen east side – bottom layer – yellow linoleum	Negative	MFLl
87a	2nd floor – kitchen – on south wall – 4” blue vinyl wallbase	Negative	MV4b
87b	2nd floor – kitchen – on south wall – under 4” blue vinyl wallbase – tan mastic	Negative	MV4b
88a	2nd floor – kitchen – on east wall – 4” blue vinyl wallbase	Negative	MV4b
88b	2nd floor – kitchen – on east wall – under 4” blue vinyl wallbase – tan mastic	Negative	MV4b
89a	2nd floor – kitchen – on north wall – 4” blue vinyl wallbase	Negative	MV4b
89b	2nd floor – kitchen – on north wall – under 4” blue vinyl wallbase – tan mastic	Negative	MV4b
90	**2nd floor – kitchen – on duct in north wall – duct wrap**	**Positive 65% Chrysotile**	**TDW**
91	Not Analyzed Due to Prior Positive Sample	N/A	TDW
92	Not Analyzed Due to Prior Positive Sample	N/A	TDW
93	2nd floor – bedroom under carpet – east side – gray and white linoleum	Negative	MFLyw
94	2nd floor – bedroom under carpet – north side – gray and white linoleum	Negative	MFLyw
95	2nd floor – bedroom under carpet – south side – gray and white linoleum	Negative	MFLyw
96	2nd floor – bedroom under gray and white linoleum – east side – brown linoleum	Negative	MFLn
97	2nd floor – bedroom under gray and white linoleum – south side – brown linoleum	Negative	MFLn
98	2nd floor – bedroom under gray and white linoleum – north side – brown linoleum	Negative	MFLn
99	2nd floor – east side attic – under insulation west side – tan and green linoleum	Negative	MFLtg
100	2nd floor – east side attic – under insulation center – tan and green linoleum	Negative	MFLtg

Sample #	Location and Description	Results	Homogeneous Code
101	2nd floor – east side attic – under insulation south side – tan and green linoleum	Negative	MFLtg
102	2nd floor – east side attic – under tan and green linoleum west side – red linoleum	Negative	MFLr
103	2nd floor – east side attic – under tan and green linoleum south side – red linoleum	Negative	MFLr
104	2nd floor – east side attic – under tan and green linoleum center – red linoleum	Negative	MFLr
105	2nd floor – east side attic – west side – blown in insulation	Negative	MBI
106	Main attic – center on floor – blown in insulation	Negative	MBI
107	Main attic – north side on floor – blown in insulation	Negative	MBI
108	Basement – west room – on chimney – flue packing	Negative	TFP
109	Basement – west room – on chimney – flue packing	Negative	TFP
110	Basement – west room – on chimney – flue packing	Negative	TFP
111	2nd floor kitchen – on sinks – white undercoat	Negative	MSUw

Homogeneous Material Codes

MPI	Paper Insulation
MPG	Glazing Compound
MBR	Brick/Mortar
MRSk	Black Asphalt Shingle
MPT	Tar Paper
MCLKk	Black Caulk
MCLKw	White Caulk
MCLKy	Gray Caulk
MCLKc	Cream Caulk
MRF	Roof Flashing
MFLy	Gray Linoleum
MFLw	White Linoleum
MFLt	Tan Linoleum
MFLc	Cream Linoleum
MFLe	Beige Linoleum
MFLtn	Tan & Brown Linoleum
MFLyb	Gray & Blue Linoleum
MFLl	Yellow Linoleum
MFLyw	Gray & White Linoleum
MFLn	Brown Linoleum
MFLtg	Tan & Green Linoleum
MFLt	Red Linoleum
MV4t	4” Tan Vinyl Wallbase
MV4b	4” Blue Vinyl Wallbase
MSUk	Black Sink Undercoat
MSUw	White Sink Undercoat
MDW	Drywall/Joint Compound
MF9t	9” Tan Floor Tile
MF9r	9” Red Floor Tile
MWMt	Tan Wall Mastic
MCTMw	White Ceramic Tile
MBI	Blown in Insulation
SPl	Plaster
TDW	Duct Wrap
TFP	Flue Packing

E. Asbestos Locations and Quantities

Eight (8) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM): black caulk, roof flashing, black sink undercoat, tan and brown linoleum, 9" tan floor tile, 9" red floor tile, stair tread, and duct wrap.

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Black Caulk	MCLKk	Exterior North Wall at Gas Pipe	1 SF	Fair
Roof Flashing	MRF	North & South Roof Bump Outs on Metal Flashing at 2nd Floor Wall, Roof at Chimney	8 SF	Fair
Black Sink Undercoat	MSUk	1st Floor Kitchen Sinks	2 Sinks	Good
Tan & Brown Linoleum	MFLtn	1st Floor Bathroom Entry Under Gray Linoleum & Plywood	15 SF	Fair
9" Tan Floor Tile	MF9t	1st Floor Bathroom Entry Under 2 Layers Linoleum & 2 Layers Plywood	15 SF	Fair
9" Red Floor Tile	MF9t	1st Floor Bathroom Entry Under 9" Tan Floor Tile	15 SF	Fair
Tan Stair Tread	MSTt	Stair From 1st Floor to 2nd Floor Under Carpet	45 SF	Fair
Duct Wrap	TDW	At 2nd Floor Living Room and Kitchen Duct Vents, In 1st Floor Walls Below 2nd Floor Kitchen & Living Room, Basement East Room on Return Seams, Basement West Room on 2 Boots	75 SF	Poor

The tan and brown linoleum and the duct wrap are friable asbestos containing materials. They were in fair to poor condition at the time of the inspection and meet the definition of a regulated asbestos containing material (RACM) under NR 447 of the Wisconsin Administrative Code.

The black caulk and black sink undercoat are category II non-friable asbestos containing materials. They were in good to fair (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 roof flashing, 9" tan floor tile, 9" red floor tile, and tan stair tread are category I non-friable asbestos containing materials. They were in fair (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.

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. 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.

Assumed Asbestos Containing Materials

Material	Location	Approximate Quantity	Condition
Electrical Panels – Suspect Transite	Basement Electrical Boxes	2 Boxes	Good

A friable asbestos problem does exist at the site.

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 6409 11th Avenue, Kenosha, Wisconsin, took place on January 17, 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.

The inspection protocol in KPHs Building Inspection Standard Operating Procedures was used.

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: Duplex at 6409 11th Avenue, Kenosha, Wisconsin

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

Exterior: Duplex at 6409 11th Avenue, Kenosha, Wisconsin

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

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
Fluorescent Bulbs-Mercury	1st Floor Kitchen, 2nd Floor Living Room	2 Compact
Fluorescent Ballasts-PCB	Kitchen	1
Thermostat-Mercury	1st Floor Dining Room	1
Refrigerator-CFC	1st Floor Kitchen	1
Paint	2nd Floor Kitchen	7 Gallons
Furnace-Mercury Switch	Basement	2 Furnaces
Water Heater-Mercury Switch	Basement	2 Heaters

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

ASBESTOS ANALYTICAL REPORT
By: Polarized Light Microscopy

Prepared for

KPH Environmental Corp

CLIENT PROJECT: Kenosha; 18-400-001.6409

CEI LAB CODE: B18-0137

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

REPORT DATE: 01/24/18

TOTAL SAMPLES ANALYZED: 102

SAMPLES >1% ASBESTOS: 8

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Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.6409 **CEI LAB CODE:** B18-0137

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
1		B256996	Brown	Paper	None Detected
2		B256997	Brown	Paper	None Detected
3		B256998	Brown	Paper	None Detected
4		B256999	Tan	Glazing	None Detected
5		B257000	Tan	Glazing	None Detected
6		B257001	Tan	Glazing	None Detected
7	Layer 1	B257002	Red	Brick	None Detected
	Layer 2	B257002	Gray	Mortar	None Detected
8	Layer 1	B257003	Red	Brick	None Detected
	Layer 2	B257003	Gray	Mortar	None Detected
9	Layer 1	B257004	Red	Brick	None Detected
	Layer 2	B257004	Gray	Mortar	None Detected
10		B257005	Black,Gray	Shingle	None Detected
11		B257006	Black,Gray	Shingle	None Detected
12		B257007	Black,Gray	Shingle	None Detected
13		B257008	Black	Paper	None Detected
14		B257009	Black	Paper	None Detected
15		B257010	Black	Paper	None Detected
16		B257011	Black	Caulking	None Detected
17		B257012	Gray	Caulking	Chrysotile 50%
18		B257013		Sample Not Analyzed per COC	
19		B257014	Gray	Caulking	None Detected
20		B257015	Gray	Caulking	None Detected
21		B257016	Gray	Caulking	None Detected
22		B257017	White	Caulking	None Detected
23		B257018	White	Caulking	None Detected
24		B257019	White	Caulking	None Detected
25		B257020	Gray	Flashing	Chrysotile 50%
26		B257021		Sample Not Analyzed per COC	
27		B257022		Sample Not Analyzed per COC	
28		B257023	Tan	Linoleum	None Detected

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.6409 **CEI LAB CODE:** B18-0137

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
29		B257024	Tan	Linoleum	None Detected
30		B257025	Tan	Linoleum	None Detected
31		B257026	Tan	Linoleum	None Detected
32		B257027	Tan	Linoleum	None Detected
33		B257028	Tan	Linoleum	None Detected
34		B257029	Tan,Brown	Linoleum	None Detected
35		B257030	Tan,Brown	Linoleum	None Detected
36		B257031	Tan,Brown	Linoleum	None Detected
37		B257032	Off-white,Black	Linoleum	None Detected
38		B257033	Off-white,Black	Linoleum	None Detected
39		B257034	Off-white,Black	Linoleum	None Detected
40		B257035A	Brown	Wall Base	None Detected
		B257035B	Tan	Mastic	None Detected
41		B257036A	Brown	Wall Base	None Detected
		B257036B	Tan	Mastic	None Detected
42		B257037A	Brown	Wall Base	None Detected
		B257037B	Tan	Mastic	None Detected
43		B257038	Black	Undercoating	Chrysotile 10%
44		B257039		Sample Not Analyzed per COC	
45		B257040		Sample Not Analyzed per COC	
46		B257041	Tan	Linoleum	None Detected
47		B257042	Tan	Linoleum	None Detected
48		B257043	Tan	Linoleum	None Detected
49	Layer 1	B257044	White	Plaster Skim Coat	None Detected
	Layer 2	B257044	Gray	Plaster Base Coat	None Detected
50	Layer 1	B257045	White	Plaster Skim Coat	None Detected
	Layer 2	B257045	Gray	Plaster Base Coat	None Detected
51	Layer 1	B257046	White	Plaster Skim Coat	None Detected
	Layer 2	B257046	Gray	Plaster Base Coat	None Detected
52	Layer 1	B257047	White	Plaster Skim Coat	None Detected
	Layer 2	B257047	Gray	Plaster Base Coat	None Detected

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.6409 **CEI LAB CODE:** B18-0137

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
53	Layer 1	B257048	White	Plaster Skim Coat	None Detected
	Layer 2	B257048	Gray	Plaster Base Coat	None Detected
54		B257049	White,Tan	Drywall/Joint Compound	None Detected
55		B257050	White,Tan	Drywall/Joint Compound	None Detected
56		B257051	White,Tan	Drywall/Joint Compound	None Detected
57		B257052	Tan,Green	Linoleum	Chrysotile 25%
58		B257053		Sample Not Analyzed per COC	
59		B257054		Sample Not Analyzed per COC	
60		B257055A	Gray	Tile	Chrysotile 5%
	Layer 1	B257055B	Black	Mastic	None Detected
	Layer 2	B257055B	Black	Felt Paper	None Detected
61		B257056A		Sample Not Analyzed per COC	
	Layer 1	B257056B	Black	Mastic	None Detected
	Layer 2	B257056B	Black	Felt Paper	None Detected
62		B257057A		Sample Not Analyzed per COC	
	Layer 1	B257057B	Black	Mastic	None Detected
	Layer 2	B257057B	Black	Felt Paper	None Detected
63		B257058A	Red	Tile	Chrysotile 5%
	Layer 1	B257058B	Yellow	Mastic	None Detected
	Layer 2	B257058B	Brown	Felt Paper	None Detected
64		B257059A		Sample Not Analyzed per COC	
	Layer 1	B257059B	Yellow	Mastic	None Detected
	Layer 2	B257059B	Brown	Felt Paper	None Detected
65		B257060A		Sample Not Analyzed per COC	
	Layer 1	B257060B	Yellow	Mastic	None Detected
	Layer 2	B257060B	Brown	Felt Paper	None Detected
66		B257061	White	Caulking	None Detected
67		B257062	White	Caulking	None Detected
68		B257063	White	Caulking	None Detected
69		B257064	Tan	Mastic	None Detected
70		B257065	Tan	Mastic	None Detected

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.6409 **CEI LAB CODE:** B18-0137

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
71		B257066	Tan	Mastic	None Detected
72		B257067A	Red	Stair Tread	Chrysotile 5%
		B257067B	Brown	Mastic	None Detected
73		B257068A		Sample Not Analyzed per COC	
		B257068B	Brown	Mastic	None Detected
74		B257069A		Sample Not Analyzed per COC	
		B257069B	Brown	Mastic	None Detected
75		B257070A	Off-white	Tile	None Detected
		B257070B	Yellow	Mastic	None Detected
76		B257071A	Off-white	Tile	None Detected
		B257071B	Yellow	Mastic	None Detected
77		B257072A	Off-white	Tile	None Detected
		B257072B	Yellow	Mastic	None Detected
78	Layer 1	B257073A	White	Tile	None Detected
	Layer 2	B257073A	Off-white	Grout	None Detected
		B257073B	Tan	Mastic	None Detected
79	Layer 1	B257074A	White	Tile	None Detected
	Layer 2	B257074A	Off-white	Grout	None Detected
		B257074B	Tan	Mastic	None Detected
80	Layer 1	B257075A	White	Tile	None Detected
	Layer 2	B257075A	Off-white	Grout	None Detected
		B257075B	Tan	Mastic	None Detected
81		B257076	Tan	Linoleum	None Detected
82		B257077	Tan	Linoleum	None Detected
83		B257078	Tan	Linoleum	None Detected
84		B257079	Tan	Linoleum	None Detected
85		B257080	Tan	Linoleum	None Detected
86		B257081	Tan	Linoleum	None Detected
87		B257082A	Blue	Wall Base	None Detected
		B257082B	Tan	Mastic	None Detected
88		B257083A	Blue	Wall Base	None Detected

Asbestos Report Summary

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PROJECT: Kenosha; 18-400-001.6409 **CEI LAB CODE:** B18-0137

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
		B257083B	Tan	Mastic	None Detected
89		B257084A	Blue	Wall Base	None Detected
		B257084B	Tan	Mastic	None Detected
90		B257085	Tan	Insulation	Chrysotile 65%
91		B257086		Sample Not Analyzed per COC	
92		B257087		Sample Not Analyzed per COC	
93		B257088	Off-white,Black	Linoleum	None Detected
94		B257089	Off-white,Black	Linoleum	None Detected
95		B257090	Off-white,Black	Linoleum	None Detected
96		B257091	Brown,Black	Linoleum	None Detected
97		B257092	Brown,Black	Linoleum	None Detected
98		B257093	Brown,Black	Linoleum	None Detected
99		B257094	Brown,Green	Linoleum	None Detected
100		B257095	Brown,Green	Linoleum	None Detected
101		B257096	Brown,Green	Linoleum	None Detected
102		B257097	Brown	Linoleum	None Detected
103		B257098	Brown	Linoleum	None Detected
104		B257099	Brown	Linoleum	None Detected
105		B257100	Tan	Insulation	None Detected
106		B257101	Tan	Insulation	None Detected
107		B257102	Tan	Insulation	None Detected
108		B257103	Gray	Flue Pack	None Detected
109		B257104	Gray	Flue Pack	None Detected
110		B257105	Gray	Flue Pack	None Detected
111		B257106	White	Undercoating	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: B18-0137
Date Received: 01-19-18
Date Analyzed: 01-24-18
Date Reported: 01-24-18

Project: Kenosha; 18-400-001.6409

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		NON-ASBESTOS COMPONENTS Non-Fibrous		ASBESTOS %
1 B256996	Paper	Homogeneous Brown Fibrous Loosely Bound	100%	Cellulose			None Detected
2 B256997	Paper	Homogeneous Brown Fibrous Loosely Bound	100%	Cellulose			None Detected
3 B256998	Paper	Homogeneous Brown Fibrous Loosely Bound	100%	Cellulose			None Detected
4 B256999	Glazing	Homogeneous Tan Non-fibrous Bound			95% 5%	Binder Paint	None Detected
5 B257000	Glazing	Homogeneous Tan Non-fibrous Bound			95% 5%	Binder Paint	None Detected
6 B257001	Glazing	Homogeneous Tan Non-fibrous Bound			95% 5%	Binder Paint	None Detected
7 Layer 1 B257002	Brick	Homogeneous Red Non-fibrous Bound			30% 70%	Binder Silicates	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: KPH Environmental Corp
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Milwaukee, WI 53204

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Project: Kenosha; 18-400-001.6409

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
Layer 2 B257002	Mortar	Homogeneous Gray Non-fibrous Bound			40% 60%	Binder Silicates	None Detected
8 Layer 1 B257003	Brick	Homogeneous Red Non-fibrous Bound			30% 70%	Binder Silicates	None Detected
Layer 2 B257003	Mortar	Homogeneous Gray Non-fibrous Bound			40% 60%	Binder Silicates	None Detected
9 Layer 1 B257004	Brick	Homogeneous Red Non-fibrous Bound			30% 70%	Binder Silicates	None Detected
Layer 2 B257004	Mortar	Homogeneous Gray Non-fibrous Bound			40% 60%	Binder Silicates	None Detected
10 B257005	Shingle	Heterogeneous Black,Gray Fibrous Bound	60%	Fiberglass	35% 5%	Tar Gravel	None Detected
11 B257006	Shingle	Heterogeneous Black,Gray Fibrous Bound	60%	Fiberglass	35% 5%	Tar Gravel	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 B257007	Shingle	Heterogeneous Black,Gray Fibrous Bound	60%	Fiberglass	35% 5%	Tar Gravel	None Detected
13 B257008	Paper	Homogeneous Black Fibrous Bound	70%	Cellulose	30%	Tar	None Detected
14 B257009	Paper	Homogeneous Black Fibrous Bound	70%	Cellulose	30%	Tar	None Detected
15 B257010	Paper	Homogeneous Black Fibrous Bound	70%	Cellulose	30%	Tar	None Detected
16 B257011	Caulking	Homogeneous Black Non-fibrous Bound	10%	Cellulose	90%	Tar	None Detected
17 B257012	Caulking	Homogeneous Gray Non-fibrous Bound			50%	Caulk	**50% Chrysotile**
18 B257013	Sample Not Analyzed per COC						
19 B257014	Caulking	Homogeneous Gray Non-fibrous Bound			100%	Caulk	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 %
20 B257015	Caulking	Homogeneous Gray Non-fibrous Bound		100% Caulk	None Detected
21 B257016	Caulking	Homogeneous Gray Non-fibrous Bound		100% Caulk	None Detected
22 B257017	Caulking	Homogeneous White Non-fibrous Bound		100% Caulk	None Detected
23 B257018	Caulking	Homogeneous White Non-fibrous Bound		100% Caulk	None Detected
24 B257019	Caulking	Homogeneous White Non-fibrous Bound		100% Caulk	None Detected
25 B257020	Flashing	Homogeneous Gray Fibrous Bound		50% Caulk	**50% Chrysotile**
26 B257021	Sample Not Analyzed per COC				
27 B257022	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 %
28 B257023	Linoleum	Homogeneous Tan Fibrous Bound	30% 20%	Cellulose Fiberglass	50% <1%	Vinyl Mastic	None Detected
29 B257024	Linoleum	Homogeneous Tan Fibrous Bound	30% 20%	Cellulose Fiberglass	50% <1%	Vinyl Mastic	None Detected
30 B257025	Linoleum	Homogeneous Tan Fibrous Bound	30% 20%	Cellulose Fiberglass	50% <1%	Vinyl Mastic	None Detected
31 B257026	Linoleum	Homogeneous Tan Fibrous Bound	30% 20%	Cellulose Fiberglass	50% <1%	Vinyl Mastic	None Detected
32 B257027	Linoleum	Homogeneous Tan Fibrous Bound	30% 20%	Cellulose Fiberglass	50% <1%	Vinyl Mastic	None Detected
33 B257028	Linoleum	Homogeneous Tan Fibrous Bound	30% 20%	Cellulose Fiberglass	50% <1%	Vinyl Mastic	None Detected
34 B257029	Linoleum	Homogeneous Tan,Brown Fibrous Bound	50%	Cellulose	50% <1%	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 %
35 B257030	Linoleum	Homogeneous Tan,Brown Fibrous Bound	50%	Cellulose	50% <1%	Binder Mastic	None Detected
36 B257031	Linoleum	Homogeneous Tan,Brown Fibrous Bound	50%	Cellulose	50% <1%	Binder Mastic	None Detected
37 B257032	Linoleum	Homogeneous Off-white,Black Fibrous Bound	60%	Cellulose	20% 20% <1%	Tar Vinyl Mastic	None Detected
38 B257033	Linoleum	Homogeneous Off-white,Black Fibrous Bound	60%	Cellulose	20% 20% <1%	Tar Vinyl Mastic	None Detected
39 B257034	Linoleum	Homogeneous Off-white,Black Fibrous Bound	60%	Cellulose	20% 20% <1%	Tar Vinyl Mastic	None Detected
40 B257035A	Wall Base	Homogeneous Brown Non-fibrous Bound			100%	Vinyl	None Detected
B257035B	Mastic	Homogeneous Tan Non-fibrous Bound			100%	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 %
41 B257036A	Wall Base	Homogeneous Brown Non-fibrous Bound			100%	Vinyl	None Detected
B257036B	Mastic	Homogeneous Tan Non-fibrous Bound			100%	Mastic	None Detected
42 B257037A	Wall Base	Homogeneous Brown Non-fibrous Bound			100%	Vinyl	None Detected
B257037B	Mastic	Homogeneous Tan Non-fibrous Bound			100%	Mastic	None Detected
43 B257038	Undercoating	Homogeneous Black Non-fibrous Bound			45% 45%	Binder Tar	**10% Chrysotile**
44 B257039	Sample Not Analyzed per COC						
45 B257040	Sample Not Analyzed per COC						
46 B257041	Linoleum	Homogeneous Tan Fibrous Bound	30% 20%	Cellulose Synthetic Fiber	50% <1%	Vinyl Mastic	None Detected

ASBESTOS BULK ANALYSIS

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Project: Kenosha; 18-400-001.6409

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
47 B257042	Linoleum	Homogeneous Tan Fibrous Bound	30% 20%	Cellulose Synthetic Fiber	50% <1%	Vinyl Mastic	None Detected
48 B257043	Linoleum	Homogeneous Tan Fibrous Bound	30% 20%	Cellulose Synthetic Fiber	50% <1%	Vinyl Mastic	None Detected
49 Layer 1 B257044	Plaster Skim Coat	Homogeneous White Non-fibrous Bound			60% 40% <1%	Binder Silicates Paint	None Detected
Layer 2 B257044	Plaster Base Coat	Homogeneous Gray Non-fibrous Bound			40% 60%	Binder Silicates	None Detected
50 Layer 1 B257045	Plaster Skim Coat	Homogeneous White Non-fibrous Bound			60% 40% <1%	Binder Silicates Paint	None Detected
Layer 2 B257045	Plaster Base Coat	Homogeneous Gray Non-fibrous Bound			40% 60%	Binder Silicates	None Detected
51 Layer 1 B257046	Plaster Skim Coat	Homogeneous White Non-fibrous Bound			60% 40% <1%	Binder Silicates Paint	None Detected

ASBESTOS BULK ANALYSIS

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
Layer 2 B257046	Plaster Base Coat	Homogeneous Gray Non-fibrous Bound			40% 60%	Binder Silicates	None Detected
52 Layer 1 B257047	Plaster Skim Coat	Homogeneous White Non-fibrous Bound			60% 40% <1%	Binder Silicates Paint	None Detected
Layer 2 B257047	Plaster Base Coat	Homogeneous Gray Non-fibrous Bound			40% 60%	Binder Silicates	None Detected
53 Layer 1 B257048	Plaster Skim Coat	Homogeneous White Non-fibrous Bound			60% 40% <1%	Binder Silicates Paint	None Detected
Layer 2 B257048	Plaster Base Coat	Homogeneous Gray Non-fibrous Bound			40% 60%	Binder Silicates	None Detected
54 B257049	Drywall/Joint Compound	Homogeneous White,Tan Fibrous Bound	20%	Cellulose	75% 5% <1%	Gypsum Calc Carb Paint	None Detected
55 B257050	Drywall/Joint Compound	Homogeneous White,Tan Fibrous Bound	20%	Cellulose	75% 5% <1%	Gypsum Calc Carb Paint	None Detected

ASBESTOS BULK ANALYSIS

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Client: KPH Environmental Corp
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Project: Kenosha; 18-400-001.6409

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
56 B257051	Drywall/Joint Compound	Homogeneous White,Tan Fibrous Bound	20%	Cellulose	75% 5% <1%	Gypsum Calc Carb Paint	None Detected
57 B257052	Linoleum	Heterogeneous Tan,Green Fibrous Bound	25%	Cellulose	50% <1%	Vinyl Mastic	**25% Chrysotile**
58 B257053	Sample Not Analyzed per COC						
59 B257054	Sample Not Analyzed per COC						
60 B257055A	Tile	Heterogeneous Gray Non-fibrous Bound			95%	Vinyl	**5% Chrysotile**
Layer 1 B257055B	Mastic	Homogeneous Black Non-fibrous Bound	5%	Cellulose	95%	Tar	None Detected
Layer 2 B257055B	Felt Paper	Homogeneous Black Fibrous Bound	70%	Cellulose	30%	Tar	None Detected
61 B257056A	Sample Not Analyzed per COC						
Layer 1 B257056B	Mastic	Homogeneous Black Non-fibrous Bound	5%	Cellulose	95%	Tar	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: B18-0137
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Project: Kenosha; 18-400-001.6409

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
Layer 2 B257056B	Felt Paper	Homogeneous Black Fibrous Bound	70%	Cellulose	30%	Tar	None Detected
62 B257057A	Sample Not Analyzed per COC						
Layer 1 B257057B	Mastic	Homogeneous Black Non-fibrous Bound	5%	Cellulose	95%	Tar	None Detected
Layer 2 B257057B	Felt Paper	Homogeneous Black Fibrous Bound	70%	Cellulose	30%	Tar	None Detected
63 B257058A	Tile	Heterogeneous Red Non-fibrous Bound			95%	Vinyl	**5% Chrysotile**
Layer 1 B257058B	Mastic	Homogeneous Yellow Non-fibrous Bound	5%	Cellulose	95%	Mastic	None Detected
Layer 2 B257058B	Felt Paper	Homogeneous Brown Fibrous Bound	70% 30%	Cellulose Synthetic Fiber			None Detected
64 B257059A	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 %
Layer 1 B257059B	Mastic	Homogeneous Yellow Non-fibrous Bound	5%	Cellulose	95%	Mastic	None Detected
Layer 2 B257059B	Felt Paper	Homogeneous Brown Fibrous Bound	70% 30%	Cellulose Synthetic Fiber			None Detected
65 B257060A	Sample Not Analyzed per COC						
Layer 1 B257060B	Mastic	Homogeneous Yellow Non-fibrous Bound	5%	Cellulose	95%	Mastic	None Detected
Layer 2 B257060B	Felt Paper	Homogeneous Brown Fibrous Bound	70% 30%	Cellulose Synthetic Fiber			None Detected
66 B257061	Caulking	Homogeneous White Non-fibrous Bound			100%	Caulk	None Detected
67 B257062	Caulking	Homogeneous White Non-fibrous Bound			100%	Caulk	None Detected
68 B257063	Caulking	Homogeneous White Non-fibrous Bound			100%	Caulk	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 %
69 B257064	Mastic	Homogeneous Tan Non-fibrous Bound		100%	Mastic	None Detected
70 B257065	Mastic	Homogeneous Tan Non-fibrous Bound		100%	Mastic	None Detected
71 B257066	Mastic	Homogeneous Tan Non-fibrous Bound		100%	Mastic	None Detected
72 B257067A	Stair Tread	Heterogeneous Red Non-fibrous Bound		95%	Vinyl	**5% Chrysotile**
B257067B	Mastic	Homogeneous Brown Non-fibrous Bound		95% 5%	Mastic Binder	None Detected
73 B257068A	Sample Not Analyzed per COC					
B257068B	Mastic	Homogeneous Brown Non-fibrous Bound		95% 5%	Mastic Binder	None Detected
74 B257069A	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 %
B257069B	Mastic	Homogeneous Brown Non-fibrous Bound		95% 5%	Mastic Binder	None Detected
75 B257070A	Tile	Homogeneous Off-white Non-fibrous Bound		100%	Vinyl	None Detected
B257070B	Mastic	Homogeneous Yellow Non-fibrous Bound		95% 5%	Mastic Binder	None Detected
76 B257071A	Tile	Homogeneous Off-white Non-fibrous Bound		100%	Vinyl	None Detected
B257071B	Mastic	Homogeneous Yellow Non-fibrous Bound		95% 5%	Mastic Binder	None Detected
77 B257072A	Tile	Homogeneous Off-white Non-fibrous Bound		100%	Vinyl	None Detected
B257072B	Mastic	Homogeneous Yellow Non-fibrous Bound		95% 5%	Mastic Binder	None Detected

ASBESTOS BULK ANALYSIS

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Date Analyzed: 01-24-18
Date Reported: 01-24-18

Project: Kenosha; 18-400-001.6409

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	Non-Fibrous		ASBESTOS %
78 Layer 1 B257073A	Tile	Homogeneous White Non-fibrous Bound		30% 70%	Binder Silicates	None Detected
Layer 2 B257073A	Grout	Homogeneous Off-white Non-fibrous Bound		40% 60%	Binder Silicates	None Detected
B257073B	Mastic	Homogeneous Tan Non-fibrous Bound		100%	Mastic	None Detected
79 Layer 1 B257074A	Tile	Homogeneous White Non-fibrous Bound		30% 70%	Binder Silicates	None Detected
Layer 2 B257074A	Grout	Homogeneous Off-white Non-fibrous Bound		40% 60%	Binder Silicates	None Detected
B257074B	Mastic	Homogeneous Tan Non-fibrous Bound		100%	Mastic	None Detected
80 Layer 1 B257075A	Tile	Homogeneous White Non-fibrous Bound		30% 70%	Binder Silicates	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: B18-0137
Date Received: 01-19-18
Date Analyzed: 01-24-18
Date Reported: 01-24-18

Project: Kenosha; 18-400-001.6409

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
Layer 2 B257075A	Grout	Homogeneous Off-white Non-fibrous Bound			40% 60%	Binder Silicates	None Detected
B257075B	Mastic	Homogeneous Tan Non-fibrous Bound			100%	Mastic	None Detected
81 B257076	Linoleum	Homogeneous Tan Fibrous Bound	30% 20%	Cellulose Fiberglass	50% <1%	Vinyl Mastic	None Detected
82 B257077	Linoleum	Homogeneous Tan Fibrous Bound	30% 20%	Cellulose Fiberglass	50% <1%	Vinyl Mastic	None Detected
83 B257078	Linoleum	Homogeneous Tan Fibrous Bound	30% 20%	Cellulose Fiberglass	50% <1%	Vinyl Mastic	None Detected
84 B257079	Linoleum	Homogeneous Tan Fibrous Bound	30% 20%	Cellulose Synthetic Fiber	50% <1%	Vinyl Mastic	None Detected
85 B257080	Linoleum	Homogeneous Tan Fibrous Bound	30% 20%	Cellulose Synthetic Fiber	50% <1%	Vinyl Mastic	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: B18-0137
Date Received: 01-19-18
Date Analyzed: 01-24-18
Date Reported: 01-24-18

Project: Kenosha; 18-400-001.6409

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
86 B257081	Linoleum	Homogeneous Tan Fibrous Bound	30% 20%	Cellulose Synthetic Fiber	50% <1%	Vinyl Mastic	None Detected
87 B257082A	Wall Base	Homogeneous Blue Non-fibrous Bound			100%	Vinyl	None Detected
B257082B	Mastic	Homogeneous Tan Non-fibrous Bound			100%	Mastic	None Detected
88 B257083A	Wall Base	Homogeneous Blue Non-fibrous Bound			100%	Vinyl	None Detected
B257083B	Mastic	Homogeneous Tan Non-fibrous Bound			100%	Mastic	None Detected
89 B257084A	Wall Base	Homogeneous Blue Non-fibrous Bound			100%	Vinyl	None Detected
B257084B	Mastic	Homogeneous 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

CEI Lab Code: B18-0137
Date Received: 01-19-18
Date Analyzed: 01-24-18
Date Reported: 01-24-18

Project: Kenosha; 18-400-001.6409

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
90 B257085	Insulation	Heterogeneous Tan Fibrous Loosely Bound			35%	Binder	65% Chrysotile
91 B257086	Sample Not Analyzed per COC						
92 B257087	Sample Not Analyzed per COC						
93 B257088	Linoleum	Homogeneous Off-white,Black Fibrous Bound	60%	Cellulose	20% 20% <1%	Tar Vinyl Mastic	None Detected
94 B257089	Linoleum	Homogeneous Off-white,Black Fibrous Bound	60%	Cellulose	20% 20% <1%	Tar Vinyl Mastic	None Detected
95 B257090	Linoleum	Homogeneous Off-white,Black Fibrous Bound	60%	Cellulose	20% 20% <1%	Tar Vinyl Mastic	None Detected
96 B257091	Linoleum	Homogeneous Brown,Black Fibrous Bound	60%	Cellulose	20% 20% <1%	Tar Vinyl Mastic	None Detected
97 B257092	Linoleum	Homogeneous Brown,Black Fibrous Bound	60%	Cellulose	20% 20% <1%	Tar Vinyl Mastic	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: B18-0137
Date Received: 01-19-18
Date Analyzed: 01-24-18
Date Reported: 01-24-18

Project: Kenosha; 18-400-001.6409

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
98 B257093	Linoleum	Homogeneous Brown,Black Fibrous Bound	60%	Cellulose	20% 20% <1%	Tar Vinyl Mastic	None Detected
99 B257094	Linoleum	Homogeneous Brown,Green Fibrous Bound	60%	Cellulose	20% 20% <1%	Tar Vinyl Mastic	None Detected
100 B257095	Linoleum	Homogeneous Brown,Green Fibrous Bound	60%	Cellulose	20% 20% <1%	Tar Vinyl Mastic	None Detected
101 B257096	Linoleum	Homogeneous Brown,Green Fibrous Bound	60%	Cellulose	20% 20% <1%	Tar Vinyl Mastic	None Detected
102 B257097	Linoleum	Homogeneous Brown Fibrous Bound	60%	Cellulose	40% <1%	Vinyl Mastic	None Detected
103 B257098	Linoleum	Homogeneous Brown Fibrous Bound	60%	Cellulose	40% <1%	Vinyl Mastic	None Detected
104 B257099	Linoleum	Homogeneous Brown Fibrous Bound	60%	Cellulose	40% <1%	Vinyl Mastic	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: B18-0137
Date Received: 01-19-18
Date Analyzed: 01-24-18
Date Reported: 01-24-18

Project: Kenosha; 18-400-001.6409

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
105 B257100	Insulation	Homogeneous Tan Fibrous Loosely Bound	100%	Cellulose			None Detected
106 B257101	Insulation	Homogeneous Tan Fibrous Loosely Bound	100%	Cellulose			None Detected
107 B257102	Insulation	Homogeneous Tan Fibrous Loosely Bound	100%	Cellulose			None Detected
108 B257103	Flue Pack	Homogeneous Gray Non-fibrous Bound			40% 60%	Binder Silicates	None Detected
109 B257104	Flue Pack	Homogeneous Gray Non-fibrous Bound			40% 60%	Binder Silicates	None Detected
110 B257105	Flue Pack	Homogeneous Gray Non-fibrous Bound			40% 60%	Binder Silicates	None Detected
111 B257106	Undercoating	Homogeneous White Fibrous Bound	10%	Synthetic Fiber	90%	Binder	None Detected

eurofins | CEI

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 CEI Labs, Inc. CEI Labs 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: Megan Fisher

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

NVLAP TESTING
NVLAP LAB CODE 101768-0

ASBESTOS CHAIN OF CUSTODY

(111) B18-0137 B256996-7106

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 West Bruce Street	Project Name:	Kenosha
	Milwaukee, WI 53204	Project ID#:	18-400-001. 6409
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	24 HR	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	ISO 10312	☐	☐	☐	☐	☐	☐
TEM AIR	ASTM 6281-09	☐	☐	☐	☐	☐	☐
TEM BULK	CHATFIELD		☐	☐	☐	☐	☐
TEM DUST WIPE	ASTM D6480-05	☐	☐	☐	☐	☐	☐
TEM DUST MICROVAC	ASTM D5755-09	☐	☐	☐	☐	☐	☐
TEM SOIL	ASTM D7521-13			☐	☐	☐	☐
TEM VERMICULITE	CINCINNATI METHOD			☐	☐	☐	☐
OTHER:		☐	☐	☐	☐	☐	☐

REMARKS / SPECIAL INSTRUCTIONS:

Test until >1% for each homogeneous material

☑ Accept Samples

☐ Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	1/18/18 1700	AJ	11918 11:10

Samples will be disposed of 30 days after analysis

Page 1 of 5

B18-0187

ASBESTOS SAMPLING FORM

CEI LABS

COMPANY CONTACT INFORMATION	
Company: KPH Environmental Corp.	Job Contact: Dean Jacobsen
Project Name: Kenosha	
Project ID #: 18-400-001.6409	Tel: (414) 647-1530

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

B18-0137

ASBESTOS SAMPLING FORM

CEI LABS

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

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
29	Linoleum		PLM [X]	TEM [ ]
30	↓		PLM [ ]	TEM [ ]
31	Linoleum		PLM [ ]	TEM [ ]
32	↓		PLM [ ]	TEM [ ]
33	↓		PLM [ ]	TEM [ ]
34	Linoleum		PLM [ ]	TEM [ ]
35	↓		PLM [ ]	TEM [ ]
36	↓		PLM [ ]	TEM [ ]
37	Linoleum		PLM [ ]	TEM [ ]
38	↓		PLM [ ]	TEM [ ]
39	↓		PLM [ ]	TEM [ ]
40	Wallboard		PLM [ ]	TEM [ ]
41	↓		PLM [ ]	TEM [ ]
42	↓		PLM [ ]	TEM [ ]
43	Underlayment		PLM [ ]	TEM [ ]
44	↓		PLM [ ]	TEM [ ]
45	↓		PLM [ ]	TEM [ ]
46	Linoleum		PLM [ ]	TEM [ ]
47	↓		PLM [ ]	TEM [ ]
48	↓		PLM [ ]	TEM [ ]
49	Plaster		PLM [ ]	TEM [ ]
50	↓		PLM [ ]	TEM [ ]
51	↓		PLM [ ]	TEM [ ]
52	↓		PLM [ ]	TEM [ ]
53	↓		PLM [ ]	TEM [ ]
54	Drywall/Jt Compd		PLM [ ]	TEM [ ]
55	↓		PLM [ ]	TEM [ ]
56	↓		PLM [X]	TEM [ ]

B18-0137

ASBESTOS SAMPLING FORM

CEI LABS

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

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

818-0137

ASBESTOS SAMPLING FORM

CEI LABS

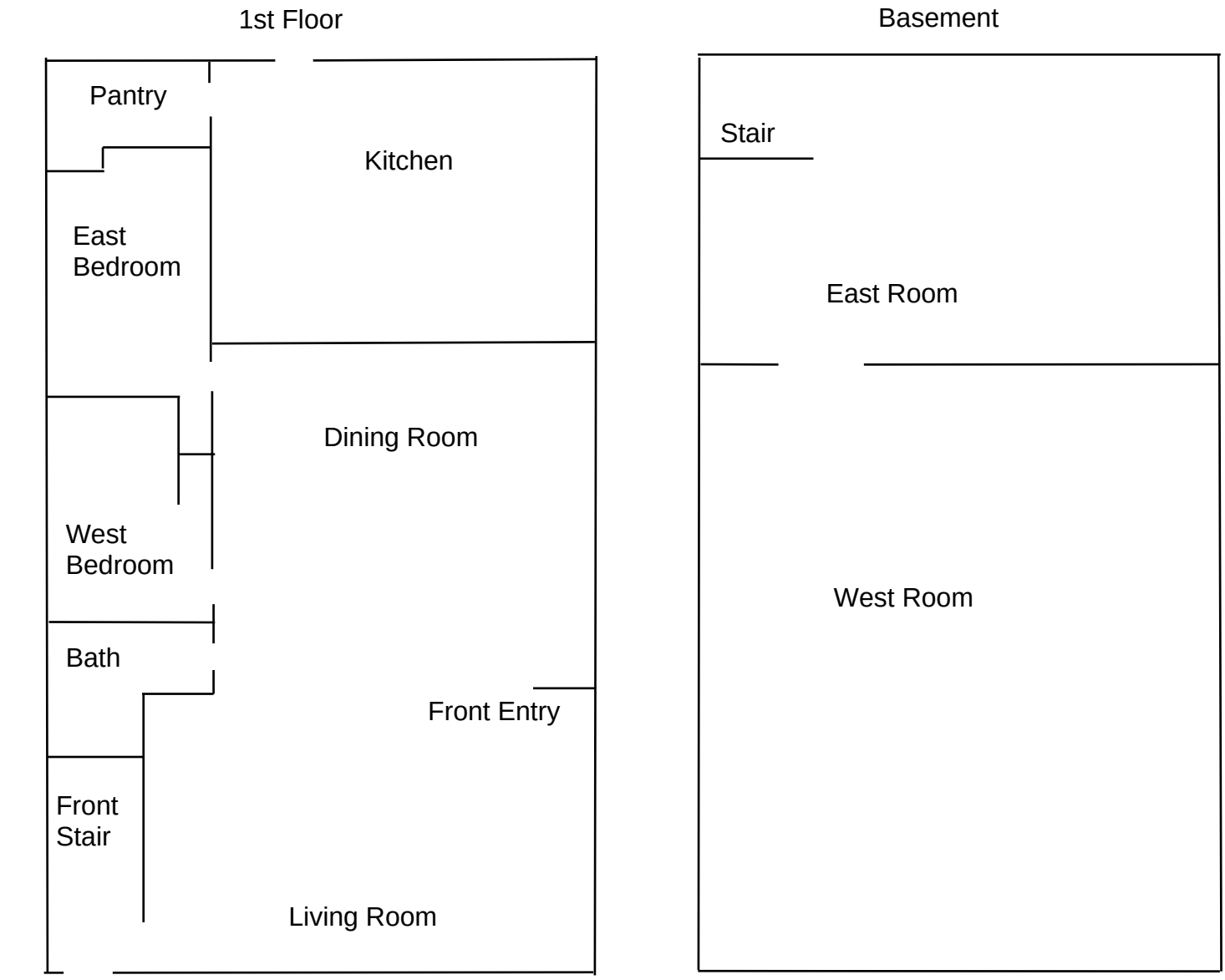
COMPANY CONTACT INFORMATION	
Company: KPH Environmental Corp.	Job Contact: Dean Jacobsen
Project Name: Kenosha	
Project ID #: 18-400-001. 6409	Tel: (414) 647-1530

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

B. FLOOR PLAN

Duplex Residence
6409 11th Avenue
Kenosha, Wisconsin

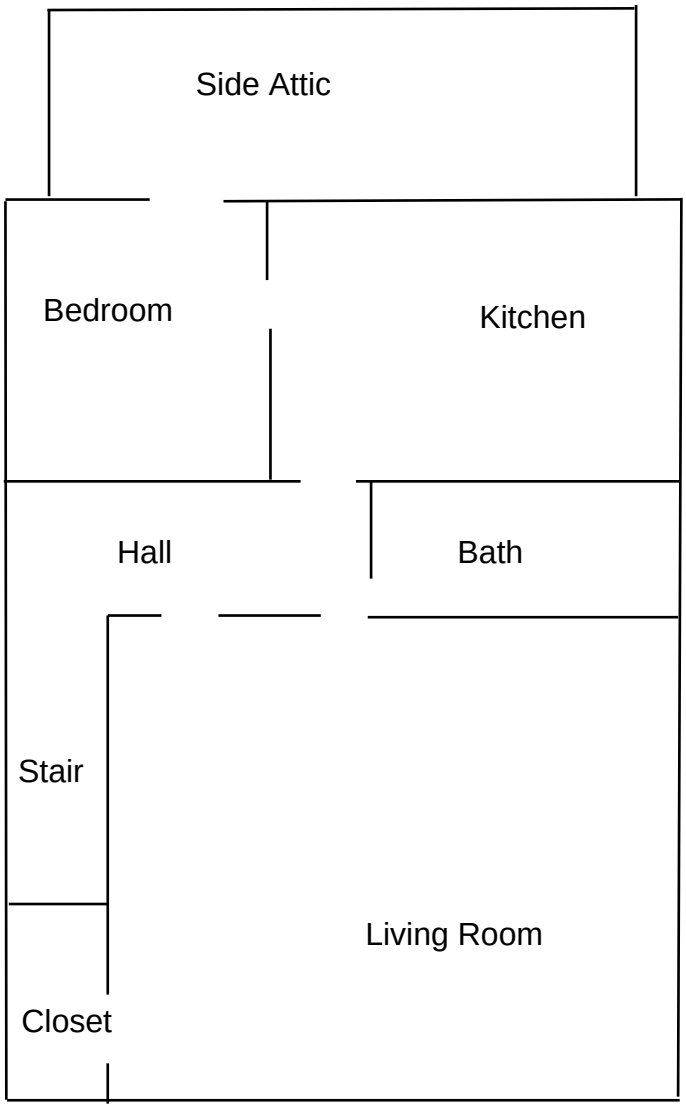
N



Duplex Residence
6409 11th Avenue
Kenosha, Wisconsin

N

2nd Floor



C. KPH CERTIFICATION

Company Certificate

This certifies that

KPH ENVIRONMENTAL CORPORATION

1237 W BRUCE ST
MILWAUKEE WI 53204-1218

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

Asbestos Company - Primary

Certificate Issue Date: 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

November 29, 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 protect you
professional responsibility. Contact us if you have any
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

Electric and/or Natural Gas Service Demolition Request

Return Instructions: **Mail:** We Energies Central Group, P.O. Box 2046, Milwaukee, WI 53201-2046
E-mail: co-demolitions-central@we-energies.com
Fax: 262-574-6401 or 800-632-1460
Questions: 262-574-6452

Demolition Request

Demolition Type: ○ Temporary ◉ Permanent

Estimated date of demolition: within normal timeframe

We will contact you to discuss your project after we receive this signed form. After we receive any required permits and/or payments, then please allow:

- 15 working days for residential/small commercial service demolition
- 30 working days for large commercial/industrial service demolition

Site Information

Address(es): 3705 52nd St

◉ City / ○ Town / ○ Village (enter taxing municipality:) Kenosha

Account Number(s): 3611862324

Electric Meter Number(s): NZ228548

Natural Gas Meter Number(s): 1907505

Type of Service: ○ Electric ○ Natural Gas ◉ Both ○ Other

◉ Residential ○ Small Commercial ○ Large Commercial/Industrial

Note: Removal of our meter(s) is not an indication you can begin your demolition. Do not proceed until you receive our confirmation letter for each electric and/or natural gas service.

Is there other We Energies equipment to be removed or relocated?

☐ Poles ☐ Transformers ☐ Area Lights ☐ Other

Remarks:

Responsible Party

Who is responsible for the billing of this project?

◉ Owner Name:

○ Authorized Representative Name:

○ Contractor Name:

Responsible Party Mailing Address:

City: State: ZIP:

Daytime Phone Number: Fax Number:

E-mail Address:

Demolition Contractor Name:

Authorization for Demolition

I certify that I own or am the authorized representative of the person(s) who owns the property at the above listed address(es). I also certify that removing this service(s) will not endanger human health or life or cause damage to property and will hold We Energies harmless and indemnify it for any injury, loss of life or property damage.

Signature: Date:

Printed Name:

Reset Print

PRE-DEMOLITION INSPECTION REPORT
Job Site:

3705 52nd Street
Kenosha, Wisconsin

For:

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

KPH Project # 18-400-001.3705

Dean Jacobsen
Asbestos Inspector No. AII – 14370

Prepared by:

KPH Environmental
1237 West Bruce Street
Milwaukee, Wisconsin 53204

January 2018

TABLE OF CONTENTS

Pre-Demolition Inspection Report
3705 52nd Street
Kenosha, Wisconsin

EXECUTIVE SUMMARY

KPH Environmental Corp (KPH), was retained by the City of Kenosha Department of Community Development and Inspections to conduct an inspection of the gas station at 3705 52nd Street, Kenosha, Wisconsin, prior to demolition. KPH conducted a visual inspection for asbestos, potential lead painted recyclable surfaces, and universal wastes. KPH collected asbestos bulk samples and paint chip samples for laboratory analysis.

Asbestos was detected above the regulatory level of 1% in built up roofing and roof flashing. It was detected at less than 1% in 12" brown floor tile as verified by point counting. Asbestos containing materials were assumed to be in the electrical boxes. Under state and federal laws, the built up roofing and roof flashing, plus suspect transite panels, as described below, may require removal 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 not detected in interior or exterior samples.

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 gas station at 3705 52nd Street, Kenosha, Wisconsin, for the following:

- Suspect asbestos containing materials
- Suspect lead painted surfaces that could be recycled, such as brick, concrete block, concrete, and metal
- Universal wastes such as refrigerators, light bulbs and PCB containing light fixture ballasts

Zohrab Khaligian, the City of Kenosha, authorized KPH to conduct an inspection and to analyze samples collected during the inspection. **The inspection of the building at 3705 52nd Street, Kenosha, Wisconsin, was conducted on January 4, 2018, to cover the items listed above.** The inspection was conducted by Damian Rogowski, Wisconsin Asbestos Inspector License No. 161300. Additional information on the inspection and results are contained in the following sections.

II. ASEBSTOS INSPECTION

A. Methods

This asbestos inspection included a visual determination as to the extent of visible and accessible suspect materials on the plumbing system and plaster walls and ceilings, sampling and documentation of any of these suspect materials, and quantification of observable and accessible positive materials existing within the spaces inspected that are planned for renovation.

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

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

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

B. List of Suspect Asbestos Containing Materials

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

- Concrete block/mortar
- Brick/Mortar
- Asphalt roofing
- Roof flashing
- Wall paper
- Ceiling tile
- Floor tile/mastic
- Vinyl wallbase/mastic
- Floor filler
- Plaster/drywall
- Ceramic tile/grout/mastic
- Duct wrap

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
1a	Exterior – southwest corner wall under brick – concrete block	Negative	MCB
1b	Exterior – southwest corner wall under brick – mortar	Negative	MCB
2a	Exterior – south center wall under brick – concrete block	Negative	MCB
2b	Exterior – south center wall under brick – mortar	Negative	MCB
3a	Exterior – southeast corner wall under brick – concrete block	Negative	MCB
3b	Exterior – southeast corner wall under brick – mortar	Negative	MCB
4a	Exterior – northwest corner wall – brick	Negative	MBR
4b	Exterior – northwest corner wall – mortar	Negative	MBR
5a	Exterior – southeast corner wall – brick	Negative	MBR
5b	Exterior – southeast corner wall – mortar	Negative	MBR
6a	Exterior – northwest corner wall – brick	Negative	MBR
6b	Exterior – northwest corner wall – mortar	Negative	MBR
7a	**Roof – northwest corner – tar paper**	**Positive 7% Chrysotile**	**MRM**
7b	**Roof – northwest corner – felt paper**	**Positive 5% Chrysotile**	**MRM**
7c	Roof – northwest corner – rubber underlayment	Negative	MRM
7d	Roof – northwest corner – felt paper 2nd layer	Negative	MRM

Sample #	Location and Description	Results	Homogeneous Code
7e	Roof – northwest corner – insulation layer	Negative	MRM
8	Not Analyzed Due to Prior Positive Sample	N/A	MRM
9	Not Analyzed Due to Prior Positive Sample	N/A	MRM
10	**Roof – north end center – tar flashing**	**Positive 7% Chrysotile**	**MRF**
11	Not Analyzed Due to Prior Positive Sample	N/A	MRF
12	Not Analyzed Due to Prior Positive Sample	N/A	MRF
13	1st floor – room1 – on northwest wall – green wall paper	Negative	MWPg
14	1st floor – room1 – on south center wall – green wall paper	Negative	MWPg
15	1st floor – room1 – on west wall – green wall paper	Negative	MWPg
15	1st floor – room1 – on west wall – red wall paper	Negative	MWPr
16	1st floor – room 1 – center – 2' x 4' ceiling tile	Negative	MSCT24
17	1st floor – room 2 – south – 2' x 4' ceiling tile	Negative	MSCT24
18	1st floor – room 1 – west – 2' x 4' ceiling tile	Negative	MSCT24
19a	1st floor – room 1 – north side under carpet – 12" brown floor tile	Positive 2% Chrysotile	MF12n
19a	Point Count Result	Trace 0.022% Chrysotile	MF12n
19b	1st floor – room 1 – north side under 12" brown floor tile – yellow mastic	Negative	MF12n
20a	Not Analyzed Due to Prior Positive Sample	N/A	MF12n
20b	1st floor – room 2 – north side under 12" brown floor tile – yellow mastic	Negative	MF12n
21a	Not Analyzed Due to Prior Positive Sample	N/A	MF12n
21b	1st floor – room 1 – northwest under 12" brown floor tile – yellow mastic	Negative	MF12n
22a	1st floor – room 1 – northeast – 12" white floor tile	Negative	MF12w
22b	1st floor – room 1 – northeast – under 12" white floor tile – green mastic	Negative	MF12w
23a	1st floor – room 1 – south – 12" white floor tile	Negative	MF12w
23b	1st floor – room 1 – south – under 12" white floor tile – green mastic	Negative	MF12w
24a	1st floor – room 1 – southwest – 12" white floor tile	Negative	MF12w
24b	1st floor – room 1 – southwest – under 12" white floor tile – green mastic	Negative	MF12w
25a	1st floor – room 1 – on north wall – 4" black vinyl wallbase	Negative	MV4k
25b	1st floor – room 1 – on north wall – under 4" black vinyl wallbase – tan mastic	Negative	MV4k
26a	1st floor – room 1 – on east wall – 4" black vinyl wallbase	Negative	MV4k
26b	1st floor – room 1 – on east wall – under 4" black vinyl wallbase – tan mastic	Negative	MV4k
27a	1st floor – room 2 – on west wall – 4" black vinyl wallbase	Negative	MV4k
27b	1st floor – room 2 – on west wall – under 4" black vinyl wallbase – tan mastic	Negative	MV4k
28	1st floor – room 1 – west – in concrete floor – gray filler	Negative	MFF
29	1st floor – room 1 – center – in concrete floor – gray filler	Negative	MFF
30	1st floor – room 1 – west – in concrete floor – gray filler	Negative	MFF

Sample #	Location and Description	Results	Homogeneous Code
31a	1st floor – room 1 – north wall – plaster	Negative	SPl
31b	1st floor – room 1 – north wall – under plaster – drywall	Negative	SPl
32a	1st floor – room 1 – west wall – plaster	Negative	SPl
32b	1st floor – room 1 – west wall – under plaster – drywall	Negative	SPl
33a	1st floor – room 1 – east wall – plaster	Negative	SPl
33b	1st floor – room 1 – east wall – under plaster – drywall	Negative	SPl
34a	1st floor – room 1 – west floor – under floor tile – red ceramic tile	Negative	MCTMr
34b	1st floor – room 1 – west floor – under floor tile – grout	Negative	MCTMr
35a	1st floor – room 3 – north floor – red ceramic tile	Negative	MCTMr
35b	1st floor – room 3 – north floor – grout	Negative	MCTMr
36a	1st floor – room 1 – east floor – under floor tile – red ceramic tile	Negative	MCTMr
36b	1st floor – room 1 – east floor – under floor tile – grout	Negative	MCTMr
37	1st floor – room 2 – center on duct joints – gray duct wrap	Negative	TDW
38	1st floor – room 2 – center on duct joints – gray duct wrap	Negative	TDW
39	1st floor – room 2 – center on duct joints – gray duct wrap	Negative	TDW

Homogeneous Material Codes

MCB	Concrete Block/Mortar
MBR	Brick/Mortar
MRM	Built up Roofing
MRF	Roof Flashing
MWPg	Green Wall Paper
MWPr	Red Wall Paper
MSCT24	2’ x 4’ Ceiling Tile
MF12n	12” Brown Floor Tile
MF12w	12” White Floor Tile
MV4k	4” Black Vinyl Wallbase
MFF	Floor Filler
SPl	Plaster/Drywall
MCTMr	Red Ceramic Tile
TDW	Duct Wrap

E. Asbestos Locations and Quantities

Two (2) of the materials sampled contain greater than 1% asbestos and are asbestos containing materials (ACM): built up roofing and roof flashing.

Material	Homogeneous Code	Location	Approximate Quantity	Condition
Built up Roofing Tar Paper & Felt Paper	MRM	Roof	425 SF	Fair
Roof Flashing	MRF	Roof Around Edges	150 SF	Fair

The built up roofing and roof flashing are category II friable asbestos containing materials. They were in fair (non-friable) condition at the time of the inspection. They may become crumbled,

pulverized or reduced to powder during demolition and become regulated asbestos containing materials (RACM) as defined under NR 447 of the Wisconsin Administrative Code. 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 12" brown floor tile contains less than 1% asbestos as verified by the point count method and by definition in NR 447 is not an ACM.

Assumed Asbestos Containing Materials

Material	Location	Approximate Quantity	Condition
Electrical Panels – Suspect Transite	Exterior Electrical Box, Room 1 Electrical Boxes	15 Boxes	Good

A friable asbestos problem does not exist at the site.

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 gas station at 3705 52nd Street, Kenosha, Wisconsin, took place on January 4, 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 interior 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.

The inspection protocol in KPHs Building Inspection Standard Operating Procedures was used.

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: Gas station at 3705 52nd Street, Kenosha, Wisconsin

- Painted block was observed in 1 room. Lead was not detected.

Exterior: Gas station at 3705 52nd Street, Kenosha, Wisconsin

- Painted metal, brick, and block were observed. Lead was not detected.

The following are the laboratory results.

Paint Testing Results					
Sample	**Room**	**Component**	**Substrate**	**Color**	**Result (% Lead)**
P01	Exterior	North Wall Near Door	Brick	Gray	<0.0038
P02	Exterior	South Wall	Block	White	<0.0084
P03	Exterior	North Overhang	Metal	Green	<0.0038
P04	Roof	North Shingle	Metal	Red	<0.017
P05	Exterior	Canopy Column	Metal	Green	<0.0045
P06	Exterior	Canopy Overhang	Metal	White	<0.0047
P07	Room 2	South Wall	Block	White	<0.0073

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.

KPH recommends that U.S. EPA 40CFR 745 and Wisconsin DHS 163 lead safe renovation procedures be followed to contain and properly clean up any lead dust created during renovation.

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	Exterior, Rooms 1 and 3	22 Tubes
Fluorescent Ballasts-PCB	Exterior, Rooms 1 and 3	21
HID Lights-Mercury	Exterior and Canopy	14
Spray Paint	Room 2	3 Cans
Furnace-Mercury Switch	Exterior	1 Furnace
Water Heater-Mercury Switch	Room 2	1 Heater

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

ASBESTOS ANALYTICAL REPORT
By: Polarized Light Microscopy

Prepared for

KPH Environmental Corp

CLIENT PROJECT: Kenosha; 18-400-001.3705

CEI LAB CODE: A18-0301

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

REPORT DATE: 01/11/18

TOTAL SAMPLES ANALYZED: 35

SAMPLES >1% ASBESTOS: 4

TEL: 866-481-1412

www.ceilabs.com

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.3705 **CEI LAB CODE:** A18-0301

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
1	Layer 1	A2586855	Gray	Brick	None Detected
	Layer 2	A2586855	Gray	Mortar	None Detected
2	Layer 1	A2586856	Gray	Brick	None Detected
	Layer 2	A2586856	Gray	Mortar	None Detected
3	Layer 1	A2586857	Gray	Brick	None Detected
	Layer 2	A2586857	Gray	Mortar	None Detected
4	Layer 1	A2586858	Red	Brick	None Detected
	Layer 2	A2586858	Gray	Mortar	None Detected
5	Layer 1	A2586859	Red	Brick	None Detected
	Layer 2	A2586859	Gray	Mortar	None Detected
6	Layer 1	A2586860	Red	Brick	None Detected
	Layer 2	A2586860	Gray	Mortar	None Detected
7	Layer 1	A2586861	Black	Roofing Tarpaper	Chrysotile 7%
	Layer 2	A2586861	Black	Felt Paper	Chrysotile 5%
	Layer 3	A2586861	Black	Rubber Underlayment	None Detected
	Layer 4	A2586861	Black	Felt Paper	None Detected
	Layer 5	A2586861	Brown	Insulation	None Detected
8		A2586862		Sample Not Analyzed per COC	
9		A2586863		Sample Not Analyzed per COC	
10		A2586864	Black	Flashing	Chrysotile 7%
11		A2586865		Sample Not Analyzed per COC	
12		A2586866		Sample Not Analyzed per COC	
13		A2586867	Green,Off-white	Wallpaper	None Detected
14		A2586868	Green,Off-white	Wallpaper	None Detected
15	Layer 1	A2586869	Green,Off-white	Wallpaper	None Detected
	Layer 2	A2586869	Red,Blue	Wallpaper	None Detected
16		A2586870	Gray	Ceiling Tile	None Detected
17		A2586871	Gray	Ceiling Tile	None Detected
18		A2586872	Gray	Ceiling Tile	None Detected
19		A2586873A	Brown	Floor Tile	Chrysotile 2%
		A2586873B	Yellow	Mastic	None Detected

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.3705 **CEI LAB CODE:** A18-0301

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
20		A2586874A		Sample Not Analyzed per COC	
		A2586874B	Yellow	Mastic	None Detected
21		A2586875A		Sample Not Analyzed per COC	
		A2586875B	Yellow	Mastic	None Detected
22		A2586876A	Off-white	Floor Tile	None Detected
		A2586876B	Green	Mastic	None Detected
23		A2586877A	Off-white	Floor Tile	None Detected
		A2586877B	Green	Mastic	None Detected
24		A2586878A	Off-white	Floor Tile	None Detected
		A2586878B	Green	Mastic	None Detected
25		A2586879A	Black	Wallbase	None Detected
		A2586879B	Tan	Mastic	None Detected
26		A2586880A	Black	Wallbase	None Detected
		A2586880B	Tan	Mastic	None Detected
27		A2586881A	Black	Wallbase	None Detected
		A2586881B	Tan	Mastic	None Detected
28		A2586882	Gray	Filler Compound	None Detected
29		A2586883	Gray	Filler Compound	None Detected
30		A2586884	Gray	Filler Compound	None Detected
31		A2586885A	Off-white	Plaster	None Detected
		A2586885B	White	Drywall	None Detected
32		A2586886A	Off-white	Plaster	None Detected
		A2586886B	White	Drywall	None Detected
33		A2586887A	Off-white	Plaster	None Detected
		A2586887B	White	Drywall	None Detected
34	Layer 1	A2586888	Red	Tile	None Detected
	Layer 2	A2586888	Gray	Grout	None Detected
35	Layer 1	A2586889	Red	Tile	None Detected
	Layer 2	A2586889	Gray	Grout	None Detected
36	Layer 1	A2586890	Red	Tile	None Detected
	Layer 2	A2586890	Gray	Grout	None Detected

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Kenosha; 18-400-001.3705 **CEI LAB CODE:** A18-0301

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
37		A2586891	Gray	Insulation	None Detected
38		A2586892	Gray	Insulation	None Detected
39		A2586893	Gray	Insulation	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: A18-0301
Date Received: 01-08-18
Date Analyzed: 01-10-18
Date Reported: 01-11-18

Project: Kenosha; 18-400-001.3705

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	Non-Fibrous		ASBESTOS %
1	Brick	Heterogeneous		50%	Silicates	None Detected
Layer 1		Gray		40%	Binder	
A2586855		Non-fibrous		10%	Paint	
		Tightly Bound				
Layer 2	Mortar	Heterogeneous		50%	Gravel	None Detected
A2586855		Gray		50%	Binder	
		Non-fibrous				
		Tightly Bound				
2	Brick	Heterogeneous		50%	Silicates	None Detected
Layer 1		Gray		40%	Binder	
A2586856		Non-fibrous		10%	Paint	
		Tightly Bound				
Layer 2	Mortar	Heterogeneous		50%	Gravel	None Detected
A2586856		Gray		50%	Binder	
		Non-fibrous				
		Tightly Bound				
3	Brick	Heterogeneous		50%	Silicates	None Detected
Layer 1		Gray		40%	Binder	
A2586857		Non-fibrous		10%	Paint	
		Tightly Bound				
Layer 2	Mortar	Heterogeneous		50%	Gravel	None Detected
A2586857		Gray		50%	Binder	
		Non-fibrous				
		Tightly Bound				
4	Brick	Heterogeneous		50%	Silicates	None Detected
Layer 1		Red		40%	Binder	
A2586858		Non-fibrous		10%	Paint	
		Tightly Bound				

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: A18-0301
Date Received: 01-08-18
Date Analyzed: 01-10-18
Date Reported: 01-11-18

Project: Kenosha; 18-400-001.3705

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
Layer 2 A2586858	Mortar	Heterogeneous Gray Non-fibrous Tightly Bound			50% 50%	Gravel Binder	None Detected
5 Layer 1 A2586859	Brick	Heterogeneous Red Non-fibrous Tightly Bound			50% 40% 10%	Silicates Binder Paint	None Detected
Layer 2 A2586859	Mortar	Heterogeneous Gray Non-fibrous Tightly Bound			50% 50%	Gravel Binder	None Detected
6 Layer 1 A2586860	Brick	Heterogeneous Red Non-fibrous Tightly Bound			50% 40% 10%	Silicates Binder Paint	None Detected
Layer 2 A2586860	Mortar	Heterogeneous Gray Non-fibrous Tightly Bound			50% 50%	Gravel Binder	None Detected
7 Layer 1 A2586861	Roofing Tarpaper	Homogeneous Black Fibrous Loosely Bound	40%	Cellulose	53%	Tar	**7% Chrysotile**
Layer 2 A2586861	Felt Paper	Homogeneous Black Fibrous Loosely Bound	45%	Cellulose	50%	Tar	**5% Chrysotile**

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: A18-0301
Date Received: 01-08-18
Date Analyzed: 01-10-18
Date Reported: 01-11-18

Project: Kenosha; 18-400-001.3705

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
Layer 3 A2586861	Rubber Underlayment	Homogeneous Black Non-fibrous Bound			100%	Rubber	None Detected
Layer 4 A2586861	Felt Paper	Homogeneous Black Fibrous Loosely Bound	70%	Cellulose	30%	Tar	None Detected
Layer 5 A2586861	Insulation	Homogeneous Brown Fibrous Loosely Bound	40% 40%	Cellulose Fiberglass	20%	Binder	None Detected
8 A2586862	Sample Not Analyzed per COC						
9 A2586863	Sample Not Analyzed per COC						
10 A2586864	Flashing	Homogeneous Black Fibrous Bound			40% 40% 13%	Rubber Binder Tar	**7% Chrysotile**
11 A2586865	Sample Not Analyzed per COC						
12 A2586866	Sample Not Analyzed per COC						
13 A2586867	Wallpaper	Heterogeneous Green,Off-white Fibrous Bound	25% 25%	Cellulose Synthetic Fiber	20% 15% 15%	Paint Mastic Binder	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: A18-0301
Date Received: 01-08-18
Date Analyzed: 01-10-18
Date Reported: 01-11-18

Project: Kenosha; 18-400-001.3705

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
14 A2586868	Wallpaper	Heterogeneous Green,Off-white Fibrous Bound	25% 25%	Cellulose Synthetic Fiber	20% 15% 15%	Paint Mastic Binder	None Detected
15 Layer 1 A2586869	Wallpaper	Heterogeneous Green,Off-white Fibrous Bound	25% 25%	Cellulose Synthetic Fiber	20% 15% 15%	Paint Mastic Binder	None Detected
Layer 2 A2586869	Wallpaper	Heterogeneous Red,Blue Fibrous Bound	40%	Cellulose	40% 20%	Binder Mastic	None Detected
16 A2586870	Ceiling Tile	Heterogeneous Gray Fibrous Bound	40% 40%	Cellulose Fiberglass	10% 10%	Paint Perlite	None Detected
17 A2586871	Ceiling Tile	Heterogeneous Gray Fibrous Bound	40% 40%	Cellulose Fiberglass	10% 10%	Paint Perlite	None Detected
18 A2586872	Ceiling Tile	Heterogeneous Gray Fibrous Bound	40% 40%	Cellulose Fiberglass	10% 10%	Paint Perlite	None Detected
19 A2586873A	Floor Tile	Homogeneous Brown Non-fibrous Bound			68% 30%	Vinyl Binder	**2% Chrysotile**

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: A18-0301
Date Received: 01-08-18
Date Analyzed: 01-10-18
Date Reported: 01-11-18

Project: Kenosha; 18-400-001.3705

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	Non-Fibrous	ASBESTOS %
A2586873B	Mastic	Homogeneous Yellow Non-fibrous Bound	80% 20%	Mastic Binder	None Detected
20 A2586874A	Sample Not Analyzed per COC				
A2586874B	Mastic	Homogeneous Yellow Non-fibrous Bound	80% 20%	Mastic Binder	None Detected
21 A2586875A	Sample Not Analyzed per COC				
A2586875B	Mastic	Homogeneous Yellow Non-fibrous Bound	80% 20%	Mastic Binder	None Detected
22 A2586876A	Floor Tile	Homogeneous Off-white Non-fibrous Bound	70% 30%	Vinyl Binder	None Detected
A2586876B	Mastic	Homogeneous Green Non-fibrous Bound	80% 20%	Mastic Binder	None Detected
23 A2586877A	Floor Tile	Homogeneous Off-white Non-fibrous Bound	70% 30%	Vinyl Binder	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: A18-0301
Date Received: 01-08-18
Date Analyzed: 01-10-18
Date Reported: 01-11-18

Project: Kenosha; 18-400-001.3705

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	Non-Fibrous		ASBESTOS %
A2586877B	Mastic	Homogeneous Green Non-fibrous Bound		80% 20%	Mastic Binder	None Detected
24 A2586878A	Floor Tile	Homogeneous Off-white Non-fibrous Bound		70% 30%	Vinyl Binder	None Detected
A2586878B	Mastic	Homogeneous Green Non-fibrous Bound		80% 20%	Mastic Binder	None Detected
25 A2586879A	Wallbase	Homogeneous Black Non-fibrous Bound		80% 20%	Vinyl Binder	None Detected
A2586879B	Mastic	Homogeneous Tan Non-fibrous Bound		80% 20%	Mastic Binder	None Detected
26 A2586880A	Wallbase	Homogeneous Black Non-fibrous Bound		80% 20%	Vinyl Binder	None Detected
A2586880B	Mastic	Homogeneous Tan Non-fibrous Bound		80% 20%	Mastic Binder	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: A18-0301
Date Received: 01-08-18
Date Analyzed: 01-10-18
Date Reported: 01-11-18

Project: Kenosha; 18-400-001.3705

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
27 A2586881A	Wallbase	Homogeneous Black Non-fibrous Bound			80% 20%	Vinyl Binder	None Detected
A2586881B	Mastic	Homogeneous Tan Non-fibrous Bound			80% 20%	Mastic Binder	None Detected
28 A2586882	Filler Compound	Homogeneous Gray Non-fibrous Bound			60% 30% 10%	Binder Silicates Mastic	None Detected
29 A2586883	Filler Compound	Homogeneous Gray Non-fibrous Bound			60% 30% 10%	Binder Silicates Mastic	None Detected
30 A2586884	Filler Compound	Homogeneous Gray Non-fibrous Bound			60% 30% 10%	Binder Silicates Mastic	None Detected
31 A2586885A	Plaster	Homogeneous Off-white Non-fibrous Tightly Bound			60% 30% 10%	Plaster Binder Paint	None Detected
Lab Notes: *No Joint Compound Present							
A2586885B	Drywall	Homogeneous White Fibrous Bound	20%	Cellulose	60% 20%	Gypsum Binder	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: A18-0301
Date Received: 01-08-18
Date Analyzed: 01-10-18
Date Reported: 01-11-18

Project: Kenosha; 18-400-001.3705

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
32 A2586886A	Plaster	Homogeneous Off-white Non-fibrous Tightly Bound			60% 30% 10%	Plaster Binder Paint	None Detected
Lab Notes: *No Joint Compound Present							
A2586886B	Drywall	Homogeneous White Fibrous Bound	20%	Cellulose	60% 20%	Gypsum Binder	None Detected
33 A2586887A	Plaster	Homogeneous Off-white Non-fibrous Tightly Bound			60% 30% 10%	Plaster Binder Paint	None Detected
Lab Notes: *No Joint Compound Present							
A2586887B	Drywall	Homogeneous White Fibrous Bound	20%	Cellulose	60% 20%	Gypsum Binder	None Detected
34 Layer 1 A2586888	Tile	Homogeneous Red Non-fibrous Tightly Bound			70% 30%	Binder Silicates	None Detected
Layer 2 A2586888	Grout	Homogeneous Gray Non-fibrous Tightly Bound			50% 50%	Binder Silicates	None Detected
35 Layer 1 A2586889	Tile	Homogeneous Red Non-fibrous Tightly Bound			70% 30%	Binder Silicates	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

CEI Lab Code: A18-0301
Date Received: 01-08-18
Date Analyzed: 01-10-18
Date Reported: 01-11-18

Project: Kenosha; 18-400-001.3705

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
Layer 2 A2586889	Grout	Homogeneous Gray Non-fibrous Tightly Bound			50% 50%	Binder Silicates	None Detected
36 Layer 1 A2586890	Tile	Homogeneous Red Non-fibrous Tightly Bound			70% 30%	Binder Silicates	None Detected
Layer 2 A2586890	Grout	Homogeneous Gray Non-fibrous Tightly Bound			50% 50%	Binder Silicates	None Detected
37 A2586891	Insulation	Heterogeneous Gray Fibrous Bound	40%	Cellulose	40% 20%	Binder Mastic	None Detected
38 A2586892	Insulation	Heterogeneous Gray Fibrous Bound	40%	Cellulose	40% 20%	Binder Mastic	None Detected
39 A2586893	Insulation	Heterogeneous Gray Fibrous Bound	40%	Cellulose	40% 20%	Binder Mastic	None Detected

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 CEI Labs, Inc. CEI Labs makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. Samples were received in acceptable condition unless otherwise noted. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

ANALYST: Danielle Carrier

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

NVLAP TESTING
NVLAP LAB CODE 101768-0

ASBESTOS CHAIN OF CUSTODY

(39) 18-0301
A258685
A258693

CEI LABS
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 West Bruce Street	Project Name:	Kenosha
	Milwaukee, WI 53204	Project ID#:	18-400-001.3705
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	24 HR	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	ISO 10312	☐	☐	☐	☐	☐	☐
TEM AIR	ASTM 6281-09	☐	☐	☐	☐	☐	☐
TEM BULK	CHATFIELD		☐	☐	☐	☐	☐
TEM DUST WIPE	ASTM D6480-05	☐	☐	☐	☐	☐	☐
TEM DUST MICROVAC	ASTM D5755-09	☐	☐	☐	☐	☐	☐
TEM SOIL	ASTM D7521-13			☐	☐	☐	☐
TEM VERMICULITE	CINCINNATI METHOD			☐	☐	☐	☐
OTHER:		☐	☐	☐	☐	☐	☐

REMARKS / SPECIAL INSTRUCTIONS:

Test unt. I >1% for each homogeneous material

☑ Accept Samples

☐ Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
Dean Jacobsen	1/5/18 1700	MR	1/8/18 9:10 am

Samples will be disposed of 30 days after analysis

Page 1 *of* 3

AF-0301

ASBESTOS SAMPLING FORM

CEI LABS

COMPANY CONTACT INFORMATION	
Company: KPH Environmental Corp.	Job Contact: Dean Jacobsen
Project Name: Kenosha	
Project ID #: 18-400-001.3705	Tel: (414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
1	Brick / Mortar		PLM ☒	TEM ☐
2	↓		PLM ☐	TEM ☐
3	↓		PLM ☐	TEM ☐
4	Block / Mortar		PLM ☐	TEM ☐
5	↓		PLM ☐	TEM ☐
6	↓		PLM ☐	TEM ☐
7	Roofing		PLM ☐	TEM ☐
8	↓		PLM ☐	TEM ☐
9	↓		PLM ☐	TEM ☐
10	Flashing		PLM ☐	TEM ☐
11	↓		PLM ☐	TEM ☐
12	↓		PLM ☐	TEM ☐
13	Wall paper		PLM ☐	TEM ☐
14	↓		PLM ☐	TEM ☐
15	↓		PLM ☐	TEM ☐
16	Tile		PLM ☐	TEM ☐
17	↓		PLM ☐	TEM ☐
18	↓		PLM ☐	TEM ☐
19	Tile / Mastic		PLM ☐	TEM ☐
20	↓		PLM ☐	TEM ☐
21	↓		PLM ☐	TEM ☐
22	Tile / Mastic		PLM ☐	TEM ☐
23	↓		PLM ☐	TEM ☐
24	↓		PLM ☐	TEM ☐
25	Wallboard / Mastic		PLM ☐	TEM ☐
26	↓		PLM ☐	TEM ☐
27	↓		PLM ☐	TEM ☐
28	Filler		PLM ☐	TEM ☐

A18-0301

CEI LABS

ASBESTOS SAMPLING FORM

COMPANY CONTACT INFORMATION	
Company: KPH Environmental Corp.	Job Contact: Dean Jacobsen
Project Name: Kenosha	
Project ID #: 18-400-001.3705	Tel: (414) 647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
29	Filler		PLM [X]	TEM [ ]
30	↓		PLM [↓]	TEM [ ]
31	Drywall/Joint Cmpd		PLM [↓]	TEM [ ]
32	↓		PLM [↓]	TEM [ ]
33	↓		PLM [↓]	TEM [ ]
34	Tile		PLM [↓]	TEM [ ]
35	↓		PLM [↓]	TEM [ ]
36	↓		PLM [↓]	TEM [ ]
37	Insulation		PLM [↓]	TEM [ ]
38	↓		PLM [↓]	TEM [ ]
39	↓		PLM [↓]	TEM [ ]
			PLM [ ]	TEM [ ]
			PLM [ ]	TEM [ ]
			PLM [ ]	TEM [ ]
			PLM [ ]	TEM [ ]
			PLM [ ]	TEM [ ]
			PLM [ ]	TEM [ ]
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			PLM [ ]	TEM [ ]
			PLM [ ]	TEM [ ]
			PLM [ ]	TEM [ ]
			PLM [ ]	TEM [ ]
			PLM [ ]	TEM [ ]

Page 3 of 3

ASBESTOS ANALYTICAL REPORT
By: Polarized Light Microscopy

Prepared for

KPH Environmental Corp

CLIENT PROJECT: Kenosha; 18-400-001.3705

CEI LAB CODE: A18-0301.1

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

REPORT DATE: 01/12/18

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

CEI Lab Code: A18-0301.1
Date Received: 01-11-18
Date Analyzed: 01-12-18
Date Reported: 01-12-18

Project: Kenosha; 18-400-001.3705

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 %	
19 A2586873	Floor Tile	0.33	22	69	8.8	**0.022%**	**Chrysotile**

Lab Notes: The EPA recommends TEM Chatfield method for floor tile verification.

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

Candace Burrus

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

NVLAP TESTING
NVLAP LAB CODE 101768-0

ASBESTOS CHAIN OF CUSTODY

CEI LABS

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 West Bruce Street	Project Name: Kenosha
Milwaukee, WI 53204	Project ID#: 18-400-001.3705
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	24 HR	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	ISO 10312	☐	☐	☐	☐	☐	☐
TEM AIR	ASTM 6281-09	☐	☐	☐	☐	☐	☐
TEM BULK	CHATFIELD		☐	☐	☐	☐	☐
TEM DUST WIPE	ASTM D6480-05	☐	☐	☐	☐	☐	☐
TEM DUST MICROVAC	ASTM D5755-09	☐	☐	☐	☐	☐	☐
TEM SOIL	ASTM D7521-13			☐	☐	☐	☐
TEM VERMICULITE	CINCINNATI METHOD			☐	☐	☐	☐
OTHER:		☐	☐	☐	☐	☐	☐

REMARKS / SPECIAL INSTRUCTIONS:

CEI Lab Code A18-0301

☐ Accept Samples

☐ Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
Dean Jacobsen	1/4/18 1035		

Samples will be disposed of 30 days after analysis

ASBESTOS SAMPLING FORM

CEI LABS

COMPANY CONTACT INFORMATION	
Company: KPH Environmental Corp.	Job Contact: Dean Jacobsen
Project Name: Kenosha	
Project ID #: 18-400-001.3705	Tel: (414) 647-1530

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

Page 2 of 2

B. PAINT LABORATORY RESULTS

CEI Labs
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

CEI Lab Code: C18-0014
Received: 01-08-18
Analyzed: 01-11-18
Reported: 01-11-18

Project: Kenosha; 18-400-001.3705

ANALYSIS METHOD: EPA SW846 7000B

CLIENT ID	CEI LAB ID	PPM (µg/g)	CONCENTRATION % BY WEIGHT
P01	CA63035	<38	**<0.0038**
P02	CA63036	<84	**<0.0084**
P03	CA63037	<38	**<0.0038**
P04	CA63038	<170	**<0.017**
Sample weight below protocol guidelines			
P05	CA63039	<45	**<0.0045**
P06	CA63040	<47	**<0.0047**
P07	CA63041	<73	**<0.0073**

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

Project: Kenosha; 18-400-001.3705

Lab Code: C18-0014

ANALYSIS METHOD: EPA SW846 7000B

CLIENT ID	CEI 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 CEI Labs 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, CEI Labs discards client samples after 30 days. This report shall not be reproduced, except in full, without the written consent of CEI Labs.

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

METALS
CHAIN OF CUSTODY

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

LAB USE ONLY:	
CEI Lab Code:	C18-0014 (7)
CEI Lab I.D. Range:	CA63035 - CA63041

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#	18-400-001.3705
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**	24 HR**	2 DAY	3 DAY	5 DAY
LEAD PAINT	EPA SW846 7000B				☐	☒	☐
LEAD WIPE	EPA SW846 7000B				☐	☐	☐
LEAD SOIL	EPA SW846 7000B				☐	☐	☐
LEAD AIR	NIOSH 7082				☐	☐	☐
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
	1/5/18 1700	MR	1/8/18 9:10am

Samples will be disposed of 30 days after analysis

C18-0014

METALS SAMPLING FORM

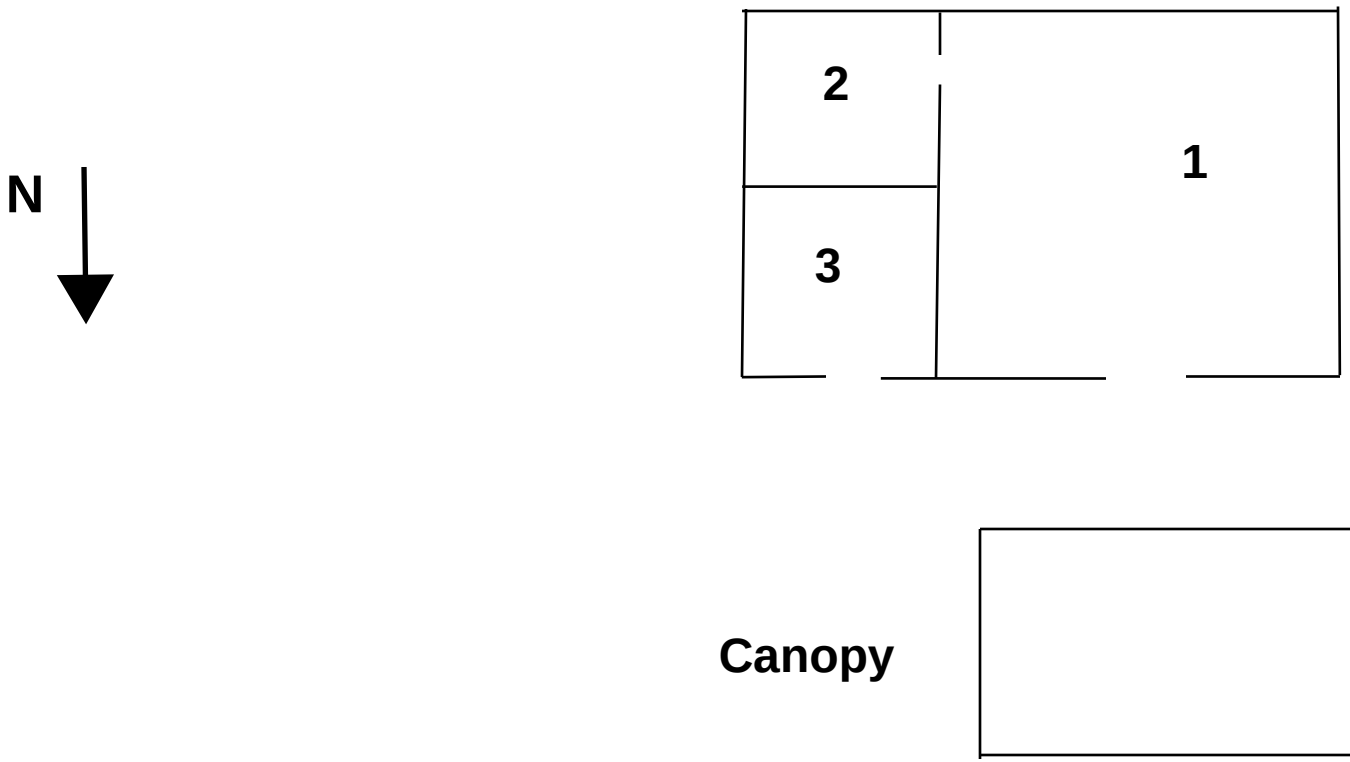
CEI LABS

COMPANY CONTACT INFORMATION			
Company:	KPH Environmental Corp.	Job Contact:	Dean Jacobsen
Project Name:	Kenosha		
Project ID #:	18-400-001.3705	Tel:	414-647-1530

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/AREA	COMMENTS
P01	Ext. Wall		
P02	↓		
P03	Ext. Overhang		
P04	Roof		
P05	Canopy		
P06	↓		
P07	Int. Wall		

C. FLOOR PLAN

Gas Station
1403 68th Street
Kenosha, Wisconsin



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

April 10, 2017

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

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

ID# AII-161300

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

Follow Wisconsin law by making sure that you:

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

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

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

By getting certified and working safely, you protect y
professional responsibility. Contact us if you have an
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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