## THE CITY OF KENOSHA, WISCONSIN

## REQUEST FOR PROPOSAL TO RAZE BUILDING(S) AND RESTORE LOT(S)

AΤ

#### **MISCELLANEOUS CITY LOCATIONS**

#### WITH INSTRUCTIONS TO PROPOSERS

Proposal Notice No. 14-17

ISSUED: Friday August 18, 2017

The City of Kenosha, Wisconsin, will receive proposals to raze the following buildings delineated herein subject to the following procedure and requirements.

DEADLINE FOR RECEIPT. Thursday September 7, 2017 at 2:30 P.M.

**CITY OFFICE WHERE FILED**. Department of Finance Office, 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 proposal opening on the outside of the sealed documents. **The City reserves the right to reject any incomplete proposals.** 

**FOR MORE INFORMATION**. Call Zohrab Khaligian, Department of Community Development and Inspections at (262) 653-4041.

#### STRUCTURES TO BE RAZED WITHIN THE CITY OF KENOSHA.

Address: 1925 to 1927-57th Street, Kenosha, Wisconsin 53140

Tax Parcel No: 12-223-31-357-004

**Description:** A two (2) story wood framed dwelling consisting of two (2) units of

approximately two thousand one hundred and twenty-eight (2,128) square feet together with a full basement and a detached

garage of six hundred twenty-four (624) square feet. A

photograph of the structures and a map showing its location is

included along with the project specifications.

Address: 4605-8th Avenue, Kenosha, Wisconsin 53140

Tax Parcel No: 12-223-31-141-013

**Description:** A two (2) story wood framed dwelling consisting of two (2) units of

approximately one thousand seven hundred and eighty (1,780) square feet together with a full basement. A photograph of the structure and a map showing its location is included along with

the project specifications.

Address: 5805-23rd Avenue, Kenosha, Wisconsin 53140

Tax Parcel No: 09-222-36-483-007

**Description:** A two (2) story wood framed dwelling consisting of two (2) units of

approximately one thousand eight hundred and forty-eight (1,848) square feet together with a full basement and a detached garage of two hundred and sixteen (216) square feet.. A photograph of the structure and a map showing its location is included along

with the project specifications.

**NATURE OF WORK.** The project is not a Public Construction Contract under Wisconsin law. The City is not required to award the Contract to the lowest bidder meeting minimum qualifications.

**ASBESTOS REMOVAL.** Environmental Inspection Reports are included for these locations. These reports indicate asbestos quantities in need of removal. Contractor shall be certified firm or responsible for subcontracting with a qualified firm to remove and appropriately dispose of asbestos containing material and to file appropriate reports in accordance with Federal and State law, rules and regulations. Such abatement must occur prior to structure demolition.

LISTING OF SUBCONTRACTORS MUST INCLUDE THOSE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ANY ASBESTOS CONTAINING MATERIAL, MAJOR MATERIAL. CITY RESERVES THE RIGHT TO REJECT ANY PROPOSAL WHICH DOES NOT INCLUDE THIS DELINEATED INFORMATION OR IF IN THE CITY'S DETERMINATION, THE SUBCONTRACTOR(S) ARE NOT APPROPRIATELY QUALIFIED.

**CONTRACT REQUIRED.** The Contractor 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. A sample of the Contract format is available for inspection in the City Attorney's Office, 625-52nd Street, Room 201, Kenosha, WI. 53140. The provisions of the Contract shall include:

- **1.** A time limit for completion with liquidated damages of Two Hundred Dollars (\$200.00) per day for delay where a time extension was not granted.
- **2.** One (1) year warranty on the WORK performed.
- **3.** Performance and Payment Bond in the amount of the Contract.
- 4. Insurance from a company licensed to do business in the State of Wisconsin and having a minimum AM Best Financial Strength Rating of "A" or better with the following limits:
  - a. Commercial General Liability
    - i. Bodily Injury: \$1,000,000.00 Each Occurrence \$2,000,000.00 Aggregate
  - b. Automobile Liability (owned, non-owned, leased)

Combined Single Limit of \$1,000,000.00

#### c. Pollution Legal Liability

\$2,000,000.00 Each loss where asbestos removal, environmental process, abatement, remediation or dumping/disposal in a Federal or State regulated facility is required.

## d. Worker's Compensation: Statutory Limits

i. 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 over the primary insurance coverages listed above.

#### f. Certificate of Insurance

The insurance coverages listed above 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 before the expiration date thereof, the issuing insurer will mail thirty (30) days written notice to the Certificate Holder.

## g. Additional Insured

The City of Kenosha shall be named as an additional insured with respect to coverage required by 4(a), 4(b), 4(c), and 4(e) listed above and the City of Kenosha shall be provided with the endorsement certifying that the City of Kenosha is an additional insured with respect to said policies.

#### h. Insurance Compliance

Each of the insurance limits listed above must be met. The City reserves the right to reject any Proposal which does not meet each of the insurance limits listed above.

- **5**. Release/waiver of liens.
- 6. Obtaining City Raze Permit; Street Opening/Occupying Permit
  Application (where applicable); Erosion Control Permit, and
  Notice to or Permit from the Wisconsin Department of Natural Resources,
  and Approach, Sidewalk, Curb and Gutter Application as applicable.
- **7.** Utility locations, clearances, hookups or cutoffs.
- **8.** Removal of building materials and restoration of the site.

All WORK is to be performed in accordance with the Contract, which will supersede all other documents and representations

.

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

The City will open the building(s) listed on Thursday August 24, 2017 to give Proposers an opportunity to inspect the building structures and to ask staff questions. Inspections will commence at 1925 to 1927-57th Street at 1:00 P.M. Upon culmination at that location, proceeding to 5805-23rd Avenue, and then to 4605-8th Avenue. The City will not accept Proposals from any contractor who has not signed in to indicate inspections of the locations or has not made other arrangements with City staff to see and to inspect the work sites.

LISTING OF SUBCONTRACTORS, MAJOR MATERIAL SUPPLIERS (OVER \$5,000.00) AND DUMPING/DISPOSAL SITES. The Proposer shall list in its Proposal its subcontractors, major material suppliers (over \$5,000.00) and dumping/disposal sites. Where Federal or State law requires certain regulated materials to be deposited in Federal or State licensed/permitted sites, then such sites shall be used and their License/Permit Number noted.

**ENVIRONMENTAL MATTERS**. Where the WORK requires environmental process, abatement, remediation or dumping or disposal in a Federal or State regulated facility, the Proposer may propose alternate methods of doing the WORK with the cost of each alternative separately noted.

**SPECIFICATIONS AND SPECIAL CONDITIONS**. Specifications and Special Conditions for the WORK are attached and will be included in the Contract.

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

The City reserves the right to reject unqualified or nonconforming Proposals, to reject all Proposals and request new Proposals, to accept Proposal(s) if advantageous to the City, or to select the most gualified Proposal and negotiate a Contract.

**COMMENCEMENT AND DILIGENT PROGRESS OF WORK**. The Contractor 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**. The 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 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 or Bid.
- **3.** List of subcontractors and major suppliers (including dumping and demolition site with DNR Permit Number, if any).

Specifications and special conditions for each location follow and general specifications and conditions for the project.

## THE CITY OF KENOSHA, WISCONSIN

## REQUEST FOR PROPOSAL TO RAZE STRUCTURE(S) AND RESTORE LOT

AΤ

1925 to 1927-57th Street, Tax Key No. 12-223-31-357-004

## **DETAILED DESCRIPTION OF WORK**

#### WORK TO BE PERFORMED.

- 1. Raze and remove the entire house including the basement walls and floor, porches and concrete stairs on the north side of the building, wood stairs on the south side of the building, and all debris.
- 2. Raze and remove the garage, concrete garage slab and concrete driveway on west side of the parcel.
- 3. Remove all concrete service walks and miscellaneous concrete slabs, landscape block and brick.
- 4. Remove west concrete driveway approach and replace with full head concrete curb and gutter per gutter City of Kenosha Public Works Detailed Specifications.
- 5. Remove wood rail fence on north and east sides and the cyclone fence on north, south and east sides.
- 6. Remove and cap all sanitary sewer and water lines.
- 7. Remove all trees and shrubs including trees on north and south sides of parcel. Tree stumps shall be ground to six (6) to eight (8) inches below grade.
- 8. Properly remove and dispose of all Regulated Asbestos Containing Material (R.A.C.M.) that is found on the site.
- 9. Remove and replace approximately thirteen (13) squares of damaged public sidewalk per City of Kenosha Public Works Department Specifications.
- 10. Grade and seed lot per specifications and Erosion Control Plan.

The above tasks are hereafter referred to as "WORK"



June 30, 2017

Mr. Mark Willing Purchasing Manager City of Kenosha- Department of Finance Municipal Building- Room 208 625 52<sup>nd</sup> Street Kenosha, Wisconsin 53140

Re:

NESHAP Asbestos Survey at Residence 1925-27 57<sup>th</sup> Street Kenosha, Wisconsin PSI Project No. 00541423

Dear Mr. Willing:

In accordance with our agreement dated May 15, 2012, Professional Service Industries, Inc. (PSI), has performed an Asbestos Survey of the above-referenced property to identify all Asbestos-Containing Materials (ACM) including Category I and Category II non-friable ACM. Below, please find a discussion of our survey and results.

#### **Facility Description**

The facility included in this National Emissions Standard for Hazardous Air Pollutants (NESHAPs) Asbestos Survey was a two-story residential structure with basement and attic. At the time of PSI's survey, the building was vacant.

## **Survey Intent**

This asbestos survey was intended to meet the requirements of the NESHAP for Asbestos demolition or renovation. The survey included a thorough inspection of all areas of demolition or renovation. PSI's inspection team identified, quantified and assessed the condition of all Regulated Asbestos Containing Material (RACM), Category I non-friable ACM and Category II non-friable ACM. A hand pressure test was used to determine whether the material was friable.

Representative samples were collected and submitted to an accredited laboratory for analysis by Polarized Light Microscopy. Reports of Analysis are attached along with Chain of Custody documentation, Bulk Sample Logs, Site Layout Diagrams, and Inspector and Laboratory Certifications.

#### **Findings**

Asbestos-containing materials were discovered during this asbestos survey. Assumed asbestos-containing materials were identified and included electrical boxes. The table below details the findings of this survey.

**Table 1-Asbestos Containing Materials** 

Material Description	Locations in Facility	Total Quantity	RACM, Cat. I or Cat. II	Friable (Y/N)	Condition
Roof Flashing	Roof	25 SF	Cat. I	N	Good
Transite Siding	Exterior	4,000 SF	RACM	N	Good
1" - 5" O.D. Aircell Pipe Insulation	Rooms 01, 06 and 08	60 LF	RACM	Y	Poor
1" - 5" O.D. Aircell Pipe Insulation Debris	Rooms 04, 08 and 101	250 SF	RACM	Y	Poor

SF=Square Feet EA=Each

The exterior window pane glazing – gray samples were found to contain asbestos by PLM, but the samples were shown through point count analysis to contain one percent or less (<1%) asbestos and the material is therefore not an ACM as defined under NESHAP. Handling of this material must be conducted in accordance with OSHA requirements.

#### Warranty

The information contained in this report is based upon the data furnished by the Client and observations and test results provided by PSI. These observations and results are time dependent, are subject to changing site conditions, and revisions to Federal, State and local regulations.

PSI warrants that these findings have been promulgated after being prepared in general accordance with generally accepted practices in the asbestos industry. PSI also recognizes that raw laboratory test data are not usually sufficient to make all abatement and management decisions.

As directed by the client, PSI did not provide any service to investigate or detect the presence of moisture, mold or other biological contaminates in or around any structure, or any service that was designed or intended to prevent or lower the risk of the occurrence of the amplification of the same. Client acknowledges that mold is ubiquitous to the environment with mold amplification occurring when building materials are impacted by moisture. Client further acknowledges that site conditions are outside of PSI's control, and that mold amplification will likely occur, or continue to occur, in the presence of moisture. As such, PSI cannot and shall not be held responsible for the occurrence or recurrence of mold amplification.

This report was prepared pursuant to the contract PSI has with the City of Kenosha. That contractual relationship included an exchange of information about the subject site that was unique and between PSI and its client and serves as the basis upon which this report was prepared. Because of the importance of the communication between PSI and its client, reliance or any use of this report by anyone other than the City of Kenosha, for whom it was prepared, is prohibited and therefore not foreseeable to PSI.

NESHAP Asbestos Survey Residence-1925-27 57<sup>th</sup> St. - Kenosha, WI PSI Project No. 00541423 Reliance or use by any such third party without explicit authorization in the report does not make said third party a third-party beneficiary to PSI's contract with the City of Kenosha. Any such unauthorized reliance on or use of this report, including any of its information or conclusions, will be at third party's risk. For the same reasons, no warranties or representations, expressed or implied in this report, are made to any such third party.

No other warranties are implied or expressed.

#### **Unidentifiable Conditions**

This report is necessarily limited to the conditions observed and to the information available at the time of the work. Due to the nature of the work, there is a possibility that there may exist conditions which could not be identified within the scope of work or which were not apparent at the time of our site work. This report is also limited to information available from the client at the time it was conducted. The report may not represent all conditions at the subject site as it only reflects the information gathered from specific locations.

Thank you for choosing PSI as your consultant for this project. If you have any questions, or if we can be of additional service, please call us at 262.521.2125.

Respectfully submitted,

PROFESSIONAL SERVICE INDUSTRIES, INC.

Mike Larsen

WI Asbestos Inspector #AII-13850

Michael Tjaden Principal Consultant

#### **Appendices**

- A. Report of Bulk Sample Analysis for Asbestos/Chain of Custody
- B. Asbestos Bulk Sample Log
- C. Site Layout Drawings
- D. Inspector & Company Certifications



June 27, 2017

PSI 821 Corporate Ct. Waukesha, WI 53189

**CLIENT PROJECT:** 

1925-1927 57th St; 00541423

**CEI LAB CODE:** 

A17-8897

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on June 23, 2017. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

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

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

Kind Regards,

Tianbao Bai, Ph.D., CIH

**Laboratory Director** 





# ASBESTOS ANALYTICAL REPORT By: Polarized Light Microscopy

## Prepared for

## **PSI**

CLIENT PROJECT: 1925-1927 57th St; 00541423

CEI LAB CODE: A17-8897

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

REPORT DATE: 06/27/17

TOTAL SAMPLES ANALYZED: 81

# SAMPLES >1% ASBESTOS: 12

TEL: 866-481-1412

www.ceilabs.com



## Asbestos Report Summary By: POLARIZING LIGHT MICROSCOPY

PROJECT: 1925-1927 57th St; 00541423 **CEI LAB CODE:** A17-8897

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

Client ID	Layer Lab ID	Color	Sample Description	ASBESTOS %
01	A2432243	Brown,Black	Mbat	None Detected
02	A2432244	Brown,Black	Mbat	None Detected
03	A2432245	Brown,Black	Mbat	None Detected
04	A2432246	White	Mdwc	None Detected
05	A2432247	White	Mdwc	None Detected
06	A2432248	White	Mdwc	None Detected
07	A2432249	Tan	Mts	None Detected
08	A2432250	Tan	Mts .	None Detected
09	A2432251	Tan	Mts	None Detected
10	A2432252	Tan	МВ	None Detected
11	A2432253	Tan	MB	None Detected
12	A2432254	Tan	MB	None Detected
13	A2432255	Gray	Mbm	None Detected
14	A2432256	Gray	Mbm	None Detected
15	A2432257	Gray	Mbm	None Detected
16	A2432258	Gray	Mbi	None Detected
17	A2432259	Gray	Mbi	None Detected
18	A2432260	Gray	Mbi	None Detected
19	A2432261	Yellow	Mcm	None Detected
20	A2432262	Yellow	Mcm	None Detected
21	A2432263	Yellow	Mcm	None Detected
22	A2432264	Gray	Mctm	None Detected
23	A2432265	Gray	Mctm	None Detected
24	A2432266	Gray	Mctm	None Detected
25	A2432267	Gray	Mctg	None Detected
26	A2432268	Gray	Mctg	None Detected
27	A2432269	Gray	Mctg	None Detected
28	A2432270	Black	Mstp1	None Detected
. 29	A2432271	Black	Mstp1	None Detected
30	A2432272	Black	Mstp1	None Detected

Page 1 of 3



## Asbestos Report Summary By: POLARIZING LIGHT MICROSCOPY

PROJECT: 1925-1927 57th St; 00541423

**CEI LAB CODE:** A17-8897

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

Client ID	Layer Lab ID	Color	Sample Description	ASBESTOS %
32	A2432274	Black	Mstp2	None Detected
33	A2432275	Black	Mstp2	None Detected
34	A2432276	White	Mwce	None Detected
35	A2432277	White	Mwce	None Detected
36	A2432278	Blue,White	Mwce	None Detected
37	A2432279	Gray,Black	Mrs	None Detected
38	A2432280	Gray,Black	Mrs	None Detected
39	A2432281	Gray,Black	Mrs	None Detected
40	A2432282	Black	Mrtp	None Detected
41	A2432283	Black	Mrtp	None Detected
42	A2432284	Black	Mrtp	None Detected
43	A2432285	Black	Mrf	Chrysotile 15%
44	A2432286	Black	Mrf	Chrysotile 15%
45	A2432287	Black	Mrf	Chrysotile 15%
46	A2432288	Blue,Gray	Msts	Chrysotile 15%
47	A2432289	Blue,Gray	Msts	Chrysotile 15%
48	A2432290	Blue,Gray	Msts	Chrysotile 15%
49	A2432291	White	Mpge	Chrysotile <1%
50	A2432292	White	Mpge	Chrysotile:<1%
51	A2432293	White	Mpge	Chrysotile ≤1%
52	Layer 1 A2432294	Dark Gray	Tas	None Detected
	Layer 2 A2432294	White	Tas	Chrysotile 65%
53	Layer 1 A2432295	Dark Gray	Tas	None Detected
	Layer 2 A2432295	White	Tas	Chrysotile 65%
54	Layer 1 A2432296	Dark Gray	Tas	None Detected
	Layer 2 A2432296	White	Tas	Chrysotile 65%
55	A2432297	Beige	Mpm	None Detected
56	A2432298	Beige	Mpm	None Detected
57	A2432299	Beige	Mpm	None Detected
58	A2432300	Gray	Mtp2	None Detected
59	A2432301	Gray	Mtp2	None Detected

Page 2 of 3



## Asbestos Report Summary By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** 1925-1927 57th St; 00541423

**CEI LAB CODE:** A17-8897

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
60		A2432302	Gray	Mtp2	None Detected
61		A2432303	Gгау	Mfp	None Detected
62		A2432304	Gray	Mfp	None Detected
63		A2432305	Gray	Mfp	None Detected
64		A2432306	Gray	Sp2	None Detected
65		A2432307	Gray	Sp2	None Detected
66		A2432308	Gray	Sp2	None Detected
67		A2432309	White	Tasd	Chrysotile 65%
68		A2432310	White	Tasd	Chrysotile 65%
69		A2432311	White	Tasd	Chrysotile 65%
70	Layer 1	A2432312	White	Sp1	None Detected
	Layer 2	A2432312	Gray	Sp1	None Detected
71	Layer 1	A2432313	White	Sp1	None Detected
	Layer 2	A2432313	Gray	Sp1	None Detected
72	Layer 1	A2432314	White,Off-white	Sp1	None Detected
	Layer 2	A2432314	Gray	Sp1	None Detected
73		A2432315	Black	Mrs2	None Detected
74		A2432316	Black	Mrs2	None Detected
75	//////////////////////////////////////	A2432317	Black	Mrs2	None Detected
76		A2432318	White,Black	Mvfwk	None Detected
77		A2432319	White,Black	Mvfwk	None Detected
78		A2432320	White,Black	Mvfwk	None Detected
79		A2432321	White,Green	Mvfwkg	None Detected
80		A2432322	White,Green	Mvfwkg	None Detected
81		A2432323	White,Green	Mvfwkg	None Detected

Page 3 of 3



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8897

Date Received: 06-23-17 Date Analyzed: 06-26-17 Date Reported: 06-27-17

Project: 1925-1927 57th St; 00541423

ACRECTOS	RIIK DIM	. EPA 600 ME	COHT
ASDESIUS	DULK FLW	. CEM OUU IVIL	

Client ID	Lab	Lab		N-ASBESTOS		ASBESTOS %	
Lab ID 01 A2432243	Description  Mbat	Attributes  Heterogeneous Brown,Black Fibrous Bound	70% 15%	Cellulose Fiberglass	15%	Fibrous Tar	None Detected
<b>)2</b> \2432244	Mbat	Heterogeneous Brown,Black Fibrous Bound	70% 15%	Cellulose Fiberglass	15%	Tar	None Detected
<b>03</b> A2432245	Mbat	Heterogeneous Brown,Black Fibrous Bound	70% 15%	Cellulose Fiberglass	15%	Tar	None Detected
<b>04</b> A2432246	Mdwc	Heterogeneous White Fibrous Bound	10% 5%	Cellulose Fiberglass	5% 10% 70%	Paint Binder Gypsum	None Detected
<b>05</b> A2432247	Mdwc	Heterogeneous White Fibrous Bound	10% 5%	Cellulose Fiberglass	5% 10% 70%	Paint Binder Gypsum	None Detected
<b>06</b> A2432248	Mdwc	Heterogeneous White Fibrous Bound	10% 5%	Cellulose Fiberglass	5% 10% 70%	Paint Binder Gypsum	None Detected
<b>07</b> A2432249	Mts	Homogeneous Tan Non-fibrous Bound			100%	Mastic	None Detected



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8897

 Date Received:
 06-23-17

 Date Analyzed:
 06-26-17

 Date Reported:
 06-27-17

**Project:** 1925-1927 57th St; 00541423

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous Non-Fibrous				ASBESTOS %
<b>08</b> A2432250	Mts	Homogeneous Tan Non-fibrous Bound		100%	Mastic	None Detected	
<b>09</b> A2432251	Mts	Homogeneous Tan Non-fibrous Bound			100%	Mastic	None Detected
<b>10</b> A2432252	МВ	Homogeneous Tan Non-fibrous Tightly Bound	, , , , , , , , , , , , , , , , , , ,		70% 15% 15%	Binder Calc Carb Silicates	None Detected
<b>11</b> A2432253	MB	Homogeneous Tan Non-fibrous Tightly Bound			70% 15% 15%	Binder Calc Carb Silicates	None Detected
<b>12</b> A2432254	MB	Homogeneous Tan Non-fibrous Tightly Bound			70% 15% 15%	Binder Calc Carb Silicates	None Detected
<b>13</b> A2432255	Mbm	Heterogeneous Gray Fibrous Bound	<1%	Cellulose	35% 65%	Binder Silicates	None Detected
<b>14</b> A2432256	Mbm	Heterogeneous Gray Fibrous Bound	<1%	Cellulose	35% 65%	Binder Silicates	None Detected

Page 2 of 14



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8897

Date Received: 06-23-17 Date Analyzed: 06-26-17

Date Reported: 06-27-17

**Project:** 1925-1927 57th St; 00541423

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes		NON-ASBESTOS COMPONENTS Fibrous Non-Fibrous			ASBESTOS %
<b>15</b> Mbm A2432257	Heterogeneous Gray Fibrous Bound	<1%	Cellulose	35% 65%	Binder Silicates	None Detected	
<b>16</b> A2432258	Mbi	Homogeneous Gray Fibrous Loose	100%	Cellulose			None Detected
<b>17</b> A2432259	Mbi	Homogeneous Gray Fibrous Loose	100%	Cellulose			None Detected
<b>18</b> A2432260	Mbi	Homogeneous Gray Fibrous Loose	100%	Cellulose			None Detected
<b>19</b> A2432261	Mem	Heterogeneous Yellow Fibrous Bound	5%	Synthetic Fib	er 95%	Mastic	None Detected
<b>20</b> A2432262	Mem	Heterogeneous Yellow Fibrous Bound	5%	Synthetic Fib	er 95%	Mastic	None Detected
<b>21</b> A2432263	Mcm	Heterogeneous Yellow Fibrous Bound	5%	Synthetic Fib	er 95%	Mastic	None Detected

Page 3 of 14



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8897 Date Received: 06-23-17 Date Analyzed: 06-26-17

Date Reported: 06-27-17

**Project:** 1925-1927 57th St; 00541423

Client ID	Lab	Lab	NON-	ASBESTOS	ASBESTOS		
Lab ID	Description	Attributes	Fibro	<b>js</b>	Non-l	ibrous	%
<b>22</b> Mctm A2432264	Metm	Homogeneous Gray Non-fibrous Tightly Bound			60% 40%	Binder Silicates	None Detected
<b>23</b> A2432265	Metm	Homogeneous Gray Non-fibrous Tightly Bound			60% 40%	Binder Silicates	None Detected
<b>24</b> A2432266	Motm	Homogeneous Gray Non-fibrous Tightly Bound			60% 40%	Binder Silicates	None Detected
<b>25</b> A2432267	Mctg	Homogeneous Gray Non-fibrous Bound			40% 60%	Binder Silicates	None Detected
<b>26</b> A2432268	Mctg	Homogeneous Gray Non-fibrous Bound			40% 60%	Binder Silicates	None Detected
<b>27</b> A2432269	Metg	Homogeneous Gray Non-fibrous Bound			40% 60%	Binder Silicates	None Detected
<b>28</b> A2432270	Mstp1	Homogeneous Black Fibrous Bound	75%	Cellulose	25%	Tar	None Detected



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8897

Date Received: 06-23-17 Date Analyzed: 06-26-17 Date Reported: 06-27-17

**Project:** 1925-1927 57th St; 00541423

Client ID Lab ID	Lab Description	Lab Attributes	NO Fibr	N-ASBESTOS ous		NENTS Fibrous	ASBESTOS %
<b>29</b> A2432271	•	Homogeneous Black Fibrous Bound	75%	Cellulose	25%	Tar	None Detected
<b>30</b> A2432272	Mstp1	Homogeneous Black Fibrous Bound	75%	Cellulose	25%	Tar	None Detected
<b>31</b> A2432273	Mstp2	Homogeneous Black Fibrous Bound	80%	Cellulose	20%	Tar	None Detected
<b>32</b> A2432274	Mstp2	Homogeneous Black Fibrous Bound	80%	Cellulose	20%	Tar	None Detected
<b>33</b> A2432275	Mstp2	/ Homogeneous Black Fibrous Bound	80%	Cellulose	20%	Tar	None Detected
<b>34</b> A2432276	Mwce	Homogeneous White Non-fibrous Bound			100%	Caulk	None Detected
<b>35</b> A2432277	Mwce	Homogeneous White Non-fibrous Bound			100%	Caulk	None Detected



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8897

Date Received:06-23-17Date Analyzed:06-26-17Date Reported:06-27-17

Project: 1925-1927 57th St; 00541423

Client ID	Lab	Lab	NO	N-ASBESTOS	ASBESTOS		
Lab ID	Description	Attributes	Fibr	ous	Non-F	ibrous	%
<b>36</b> A2432278	Mwce	Heterogeneous Blue,White Non-fibrous Bound			100% <1%	Caulk Paint	None Detected
<b>37</b> A2432279	Mrs	Heterogeneous Gray,Black Fibrous Bound	20%	Fiberglass	45% 35%	Tar Silicates	None Detected
<b>38</b> A2432280	Mrs	Heterogeneous Gray,Black Fibrous Bound	20%	Fiberglass	45% 35%	Tar Silicates	None Detected
<b>39</b> A2432281	Mrs	Heterogeneous Gray,Black Fibrous Bound	20%	Fiberglass	45% 35%	Tar Silicates	None Detected
<b>40</b> A2432282	Mrtp	Homogeneous Black Fibrous Bound	75%	Cellulose	25%	Tar	None Detected
<b>41</b> A2432283	Mrtp	Homogeneous Black ` Fibrous Bound	75%	Cellulose	25%	Tar	None Detected
<b>42</b> A2432284	Mrtp ·	Homogeneous Black Fibrous Bound	75%	Cellulose	25%	Tar ·	None Detected



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8897

Date Received: 06-23-17 Date Analyzed: 06-26-17 Date Reported: 06-27-17

**Project:** 1925-1927 57th St; 00541423

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBEST	NON-ASBESTOS COMPONENTS			
Lab ID	Description	Attributes	Fibrous	Non-l	Fibrous	%	
A2432285 Bla Fik	Homogeneous Black Fibrous Bound		85%	Tar	15% Chrysotile		
<b>44</b> A2432286	Mrf	Homogeneous Black Fibrous Bound		85%	Tar	15% Chrysotile	
<b>45</b> A2432287	Mrf	Homogeneous Black Fibrous Bound		85%	Tar	15% Chrysotile	
<b>46</b> A2432288	Msts	Heterogeneous Blue,Gray Fibrous Tightly Bound		5% 80%	Paint Binder	15% Chrysotile	
<b>47</b> A2432289	Msts	Heterogeneous Blue,Gray Fibrous Tightly Bound		5% 80%	Paint Binder	15% Chrysotile	
<b>48</b> A2432290	Msts	Heterogeneous Blue,Gray Fibrous Tightly Bound		5% 80%	Paint Binder	15% Chrysotile	
<b>49</b> A2432291	Mpge	Heterogeneous White Fibrous Bound	<1% Talc	65% 35%	Binder Calc Carb	<1% Chrysotile	

Page 7 of 14



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8897

Date Received: 06-23-17 Date Analyzed: 06-26-17 Date Reported: 06-27-17

**Project:** 1925-1927 57th St; 00541423

## ASBESTOS BULK PLM, EPA 600 METHOD

		Lab	NO	N-ASBESTOS	ASBESTOS		
Lab ID	Description	Attributes	Fibr	ous	Non-l	ibrous	%
<b>50</b> A2432292	Mpge .	Heterogeneous White Fibrous Bound	<1%	Talc	65% 35%	Binder Calc Carb	<1% Chrysotile
<b>51</b> A2432293	Mpge	Heterogeneous White Fibrous Bound	<1%	Talc	65% 35%	Binder Calc Carb	<1% Chrysotile
<b>52</b> Layer 1 A2432294	Tas	Homogeneous Dark Gray Fibrous Loosely Bound	95%	Cellulose	5%	Binder	None Detected
Layer 2 A2432294	Tas	Heterogeneous White Fibrous Loosely Bound			35%	Binder	65% Chrysotile
<b>53</b> Layer 1 A2432295	Tas	Homogeneous Dark Gray Fibrous Loosely Bound	95%	Cellulose	5%	Binder	None Detected
Layer 2 A2432295	Tas	Heterogeneous White Fibrous Loosely Bound			35%	Binder	65% Chrysotile
<b>54</b> Layer 1 A2432296	Tas	Homogeneous Dark Gray Fibrous Loosely Bound	95%	Cellulose	5%	Binder	None Detected

Page 8 of 14



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8897

 Date Received:
 06-23-17

 Date Analyzed:
 06-26-17

 Date Reported:
 06-27-17

Project: 1925-1927 57th St; 00541423

Client ID Lab		Lab	NO	N-ASBESTOS	ASBESTOS		
Lab ID	Description	Attributes	Fib	rous	Non-F	ibrous	%
Layer 2 A2432296	Tas	Heterogeneous White Fibrous Loosely Bound			35%	Binder	65% Chrysotile
<b>55</b> A2432297	Mpm	Homogeneous Beige Fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
<b>56</b> A2432298	Mpm	Homogeneous Beige Fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
<b>57</b> A2432299	Мрт	Homogeneous Beige Fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
<b>58</b> A2432300	Mtp2	Heterogeneous Gray Fibrous Bound			40% 25% 35%	Binder Calc Carb Metal Foil	None Detected
<b>59</b> A2432301	Mtp2	Heterogeneous Gray Fibrous Bound			40% 25% 35%	Binder Calc Carb Metal Foil	None Detected
<b>60</b> A2432302	Mtp2	Heterogeneous Gray Fibrous Bound		COD CANCERNATION CONTRACTOR AND	40% 25% 35%	Binder Calc Carb Metal Foil	None Detected



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8897

Date Received: 06-23-17 Date Analyzed: 06-26-17 Date Reported: 06-27-17

Project: 1925-1927 57th St; 00541423

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab Lab			N-ASBESTOS (	NENTS	ASBESTOS	
Lab ID	Description	Attributes	Fibr	ous	Non-l	lbrous	%
<b>61</b> A2432303	Mfp	Homogeneous Gray Non-fibrous Tightly Bound	15%	Wollastonite	35% 50%	Binder Calc Carb	None Detected
<b>62</b> A2432304	Mfp	Homogeneous Gray Non-fibrous Tightly Bound	15%	Wollastonite	35% 50%	Binder Calc Carb	None Detected
<b>63</b> A2432305	Mfp	Homogeneous Gray Non-fibrous Tightly Bound	15%	Wollastonite	35% 50%	Binder Calc Carb	None Detected
<b>64</b> A2432306	Sp2	Homogeneous Gray Non-fibrous Tightly Bound			35% 65%	Binder Silicates	None Detected
<b>65</b> A2432307	Sp2	Homogeneous Gray Non-fibrous Tightly Bound			35% 65%	Binder Silicates	None Detected
<b>66</b> A2432308	Sp2	Homogeneous Gray Non-fibrous Tightly Bound			35% 65%	Binder Silicates	None Detected
<b>67</b> A2432309	Tasd	Homogeneous White Fibrous Loosely Bound			35%	Binder	65% Chrysotil

Page 10 of 14



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8897

 Date Received:
 06-23-17

 Date Analyzed:
 06-26-17

 Date Reported:
 06-27-17

Project: 1925-1927 57th St; 00541423

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab		Lab	NON-ASBEST	OS COMPO	COMPONENTS ASBESTOS			
Lab ID	Description	Attributes	Fibrous	Non-F	ibrous	%		
<b>68</b> A2432310	Tasd	Homogeneous White Fibrous Loosely Bound		35%	Binder ,	65% Chrysotile		
<b>69</b> A2432311	Tasd	Homogeneous White Fibrous Loosely Bound		35%	Binder	65% Chrysotile		
<b>70</b> Layer 1 A2432312	Sp1	Heterogeneous White Non-fibrous Bound		5% <b>4</b> 5% 50%	Paint Binder Calc Carb	None Detected		
Layer 2 . A2432312	Sp1	Heterogeneous Gray Fibrous Bound	<1% Hair	40% 60%	Binder Silicates	None Detected		
<b>71</b> Layer 1 A2432313	Sp1	Heterogeneous White Non-fibrous Bound		5% 45% 50%	Paint Binder Calc Carb	None Detected		
Layer 2 A2432313	Sp1	Heterogeneous Gray Fibrous Bound	<1% Hair	40% 60%	Binder Silicates	None Detected		
<b>72</b> Layer 1 A2432314	Sp1	Heterogeneous White,Off-white Non-fibrous Bound		5% 60% 35%	Paint Binder Silicates	None Detected		

Page 11 of 14



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8897

 Date Received:
 06-23-17

 Date Analyzed:
 06-26-17

 Date Reported:
 06-27-17

Project: 1925-1927 57th St; 00541423

Client ID	Lab	ab Lab		N-ASBESTOS	ASBESTOS		
Lab ID	Description	Attributes	Fibr	ous	Non-	Fibrous	%
Layer 2 A2432314	Sp1	Heterogeneous Gray Fibrous Bound	<1%	Cellulose	50% 25% 25%	Binder Silicates Perlite	None Detected
<b>73</b> A2432315	Mrs2	Heterogeneous Black Fibrous Bound	35%	Cellulose	45% 20%	Tar Silicates	None Detected
<b>74</b> A2432316	Mrs2	Heterogeneous Black Fibrous Bound	35%	Cellulose	45% 20%	Tar Silicates	None Detected
<b>75</b> A2432317	Mrs2	Heterogeneous Black Fibrous Bound	35%	Cellulose	45% 20%	Tar Silicates	None Detected
<b>76</b> A2432318	Mvfwk	Heterogeneous White,Black Fibrous Bound	5%	Fiberglass	90% 5%	Vinyl Mastic	None Detected
<b>77</b> A2432319	M∨fwk	Heterogeneous White,Black Fibrous Bound	5%	Fiberglass	90% 5%	Vinyl Mastic	None Detected
<b>78</b> A2432320	Mvfwk	Heterogeneous White,Black Fibrous Bound	5%	Fiberglass	90% 5%	Vinyl Mastic	None Detected



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8897

 Date Received:
 06-23-17

 Date Analyzed:
 06-26-17

 Date Reported:
 06-27-17

**Project:** 1925-1927 57th St; 00541423

Client ID Lab Lab ID Description				NON-ASBESTOS COMPONENTS Fibrous Non-Fibrous			ASBESTOS %	
<b>79</b> A2432321	Mvfwkg	Heterogeneous White,Green Fibrous Bound	20% 5%	Cellulose Fiberglass	50% 25% <1%	Vinyl Binder Mastic	None Detected	
<b>80</b> A2432322	Mvfwkg	Heterogeneous White,Green Fibrous Bound	20% 5%	Cellulose Fiberglass	50% 25% <1%	Vinyl Binder Mastic	None Detected	
<b>81</b> A2432323	Mvfwkg	Heterogeneous White,Green Fibrous Bound	20% 5%	Cellulose Fiberglass	50% 25% <1%	Vinyl 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

**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:

APPROVED BY:

Laboratory Director





ASBESTOS 8 17. 8897 CHAIN OF CUSTODY 13.2243.

LABS			LAB USE O	NLY	or College	100	Mark Hills	
			CEI Lab (					
Tel: 866-481-1412; Fax: 919-481-1442			CELLabi	D. Range:	100		<b>3/1006</b> 575 1	
COMPANY INFORMATION	N	en week-voor servis Street en de servis	PROJECT INFORMATION					
CEI CLIENT #:			Job Conta	ict: Ju	n Upi	uke		
Company: PSI INC	•		Email / Te	l: Tim.	Ossike	ANJUG @	Com	
Address: 821 CORS	DOLATE COURT		1	me: /921		٠,٧		
WAUKETLA WI	53189			# <i>005</i>		<del></del>	**************************************	
Email: LARRY, Rosthe		٠٨	PO#:		F: 15-V	······································	······································	
Tel: 262 - 52/-2/25			1	AMPLES C	Ol-l-Form	D IN: CC	)/	
3 3 3 6 6 6	7		DIMIESA	AMPLES C	ULLEGIE	DIN: W	7	
<i>II</i>	TAT IS NOT MARKE	ED STAND	ARD 3 DA	Y TAT AF	PLIES.	20.000.000.00		
	1.0			TURN AF	OUND TH	<b>ΝΕ</b>		
ASBESTOS	METHOD	4 HR	8 HR	24 HR	2 DAY	3 DAY	5 DAY	
PLM BULK	EPA 600				X			
PLM POINT COUNT (400)	EPA 600							
PLM POINT COUNT (1000)	EPA 600							
PLM GRAV w POINT COUNT	EPA 600							
PLM BULK	CARB 435	in Lucie de Nobel						
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						<del>-</del> -	
TEM DUST MICROVAC	ASTM D5755-09							
TEM SOIL	ASTM D7521-13							
TEM VERMICULITE	CINCINNATI METHOD	2						
OTHER:								
REMARKS / SPECIAL IN	STRUCTIONS				r			
	-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					A a a a w t		
						Accept Sample	es	
	3 - T- T		-			Reject Sample	s	
Relinguished By:	Date/Time		Recejy	ed By:	7.65 X 28 X 10	Date/Time	* (	
Mike LARSEN	G/22/17			W	(0-22			
	3:00 PM			, —				
Samples will be disposed of	30 days after analysis				·		i	

VERSION CCOC.0215.1/2.LD Customer COC Page 1



June 29, 2017

PSI 821 Corporate Ct. Waukesha, WI 53189

**CLIENT PROJECT:** 

1925-1927 57th St; 00541423 (Gravimetric Point Count)

**CEI LAB CODE:** 

A17-8897.1

Dear Customer:

Enclosed are asbestos analysis results for PLM bulk samples received at our laboratory on June 28, 2017. The samples were analyzed for asbestos using polarized light microscopy (PLM) gravimetric point count per the EPA 600 Method.

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

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

Kind Regards,

Tianbao Bai, Ph.D., CIH

**Laboratory Director** 





# ASBESTOS ANALYTICAL REPORT By: Polarized Light Microscopy

## Prepared for

## **PSI**

CLIENT PROJECT: 1925-1927 57th St; 00541423 (Gravimetric Point Count)

CEI LAB CODE: A17-8897.1

TEST METHOD: PLM Gravimetric Point Count

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

REPORT DATE: 06/29/17 ,

TEL: 866-481-1412

www.ceilabs.com



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 **CEI Lab Code:** A17-8897.1

Date Received: 06-28-17 Date Analyzed: 06-29-17 Date Reported: 06-29-17

Project: 1925-1927 57th St; 00541423 (Gravimetric Point Count)

## 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 (%)	e ASE	BESTOS %
<b>49</b> A2432291	Mpge	0.29	10	83	6.4	0.15%	Chrysotile
<b>50</b> A2432292	Mpge	0.31	11	83	6	0.14%	Chrysotile
<b>51</b> A2432293	Mpge	0.354	9.9	83	6.6	0.2%	Chrysotile



**LEGEND:** None

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

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

**REGULATORY LIMIT:** >1% by weight

This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by 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. Estimated measurement of uncertainty is available on request. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

ANALYST.

APPROVED BY:

Tianbao Bai, Ph.D., Cl Laboratory Director





## **BULK SAMPLE LOG**

Client: City of Kenosha	Construction Date:	Unknown
Project: Two-Story Residential Building	Date of Inspection:	6/20-21/17
Address: 1925-27 57th St. Kenosha, WI	Inspector:	Mike Larsen
	Inspector #:	All-13850

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	
01	101	Fiberglass Batt Insulation with Suspect Layer	
02	205	Fiberglass Batt Insulation with Suspect Layer	
03	302	Fiberglass Batt Insulation with Suspect Layer	
04	02	Drywall/Joint Compound System	
05	300	Drywall/Joint Compound System	
06	204	Drywall/Joint Compound System	
07	301	Tub Surround Mastic - Tan	
08	301	Tub Surround Mastic - Tan	
09	301	Tub Surround Mastic - Tan	
10	200	Brick	
11	101	Brick	
12	Exterior	Brick	
13	200	Brick Mortar	
14	101	Brick Mortar	
15	Exterior	Brick Mortar	
16	100	Blown-in Insulation - Gray	
17	205	Blown-in Insulation - Gray	
18 ·	STWL3	Blown-in Insulation - Gray	
19	STWL1	Carpet Mastic	
20	STWL1	Carpet Mastic	
21	STWL1	Carpet Mastic	
22	101	Ceramic Tile Mastic	
23	106	Ceramic Tile Mastic	
24	101	Ceramic Tile Mastic	
25	101	Ceramic Tile Grout	
26	106	Ceramic Tile Grout	
27	101	Ceramic Tile Grout	
28	Exterior	Tar Paper Associated with Transite Siding	
29	Exterior	Tar Paper Associated with Transite Siding	
30	Exterior	Tar Paper Associated with Transite Siding	
31	Exterior	Tar Paper Associated with Wood Siding Beneath Transite Siding	
32	Exterior	Tar Paper Associated with Wood Siding Beneath Transite Siding	
33	Exterior	Tar Paper Associated with Wood Siding Beneath Transite Siding	



## **BULK SAMPLE LOG**

Client: City of Kenosha	Construction Date: Unknown
Project: Two-Story Residential Building	Date of Inspection: 6/20-21/17
Address: 1925-27 57th St. Kenosha, WI	Inspector: Mike Larsen
V-16-1	Inspector #: All-13850

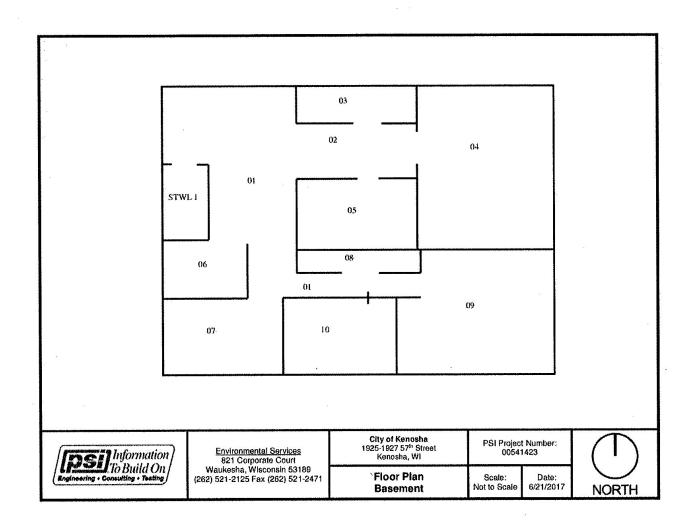
SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION
34	Exterior	Exterior Window Caulk - White
35	Exterior	Exterior Window Caulk - White
36	Exterior	Exterior Window Caulk - White
37	Roof	Roof Shingles - Top Layer
38	Roof	Roof Shingles - Top Layer
39	Roof	Roof Shingles - Top Layer
40	Roof	Tar Paper Associated with Shingled Roof
41	Roof	Tar Paper Associated with Shingled Roof
42	Roof	Tar Paper Associated with Shingled Roof
43	Roof	Roof Flashing
44	Roof	Roof Flashing
45	Roof	Roof Flashing
46	Exterior	Transite Siding
47	Exterior	Transite Siding
. 48	Exterior	Transite Siding
49	Exterior	Exterior Window Pane Glazing - Gray
50	Exterior	Exterior Window Pane Glazing - Gray
51	Exterior	Exterior Window Pane Glazing - Gray
52	01	1" - 5" O.D. Aircell Pipe Insulation
53	06	1" - 5" O.D. Aircell Pipe Insulation
54	08	1" - 5" O.D. Aircell Pipe Insulation
55	04	Panel Mastic - Beige
56	04	Panel Mastic - Beige
57	04	Panel Mastic - Beige
58	05	Transite Pipe
59	05	Transite Pipe
60	05	Transite Pipe
61	05	Flue Packing
62	05	Flue Packing
63.	05	Flue Packing
64	01	Single Coat Plaster
65	08	Single Coat Plaster
66	09	Single Coat Plaster

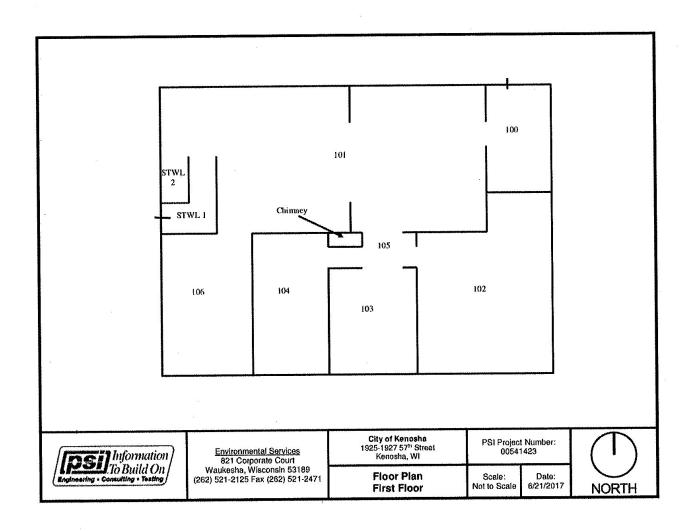


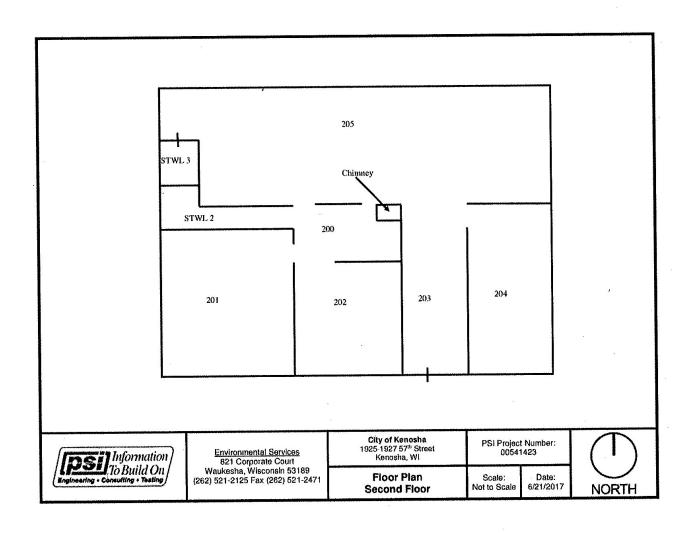
## **BULK SAMPLE LOG**

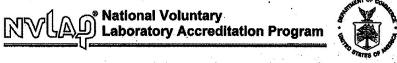
	Construction Date: Unknown
Project: Two-Story Residential Building	Date of Inspection: 6/20-21/17
Address: 1925-27 57th St. Kenosha, WI	Inspector: Mike Larsen
<del>: '</del>	Inspector #: All-13850

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION
67	101	1" - 5" O.D. Aircell Pipe Insulation Debris
68	08	1" - 5" O.D. Aircell Pipe Insulation Debris
69	04	1" - 5" O.D. Aircell Pipe Insulation Debris
70	STWL1	Plaster - Base and Skim Coat
71	STWL1	Plaster - Base and Skim Coat
72	204	Plaster - Base and Skim Coat
73	Roof	Roof Shingles - Bottom Layer
74	Roof	Roof Shingles - Bottom Layer
75	Roof	Roof Shingles - Bottom Layer
76	10	White/Black Pattern Vinyl Flooring
77	10	White/Black Pattern Vinyl Flooring
78	10	White/Black Pattern Vinyl Flooring
79	Exterior	White/Black/Green Pattern Vinyl Flooring
80	Exterior	White/Black/Green Pattern Vinyl Flooring
81	Exterior	White/Black/Green Pattern Vinyl Flooring
,		
		,
	l	









#### SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

CEI Labs, Inc. 730 SE Maynard Road Cary, NC 27511

Dr. Tianbao Bai Phone: 919-481-1413 Fax: 919-481-1442 Email: bai@ceilabs.com http://www.ceilabs.com

### **ASBESTOS FIBER ANALYSIS**

#### **NVLAP LAB CODE 101768-0**

#### **Bulk Asbestos Analysis**

Code 18/A01 **Description** 

EPA 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

18/A03

BPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

#### Airborne Asbestos Analysis

Code

**Description** 

18/A02

U.S. BPA's "Interim Transmission Bleetron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CPR, Part 763, Subpart B, Appendix A.

For the Nationa Accreditation Program

Effective 2016-07-13 through 2017-03-31

Page 1 of 1

## United States Department of Commerce National Institute of Standards and Technology



# Certificate of Accreditation to ISO/IEC 17025:2005

**NVLAP LAB CODE: 101768-0** 

CEI Labs, Inc.

Cary, NC

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

## **Asbestos Fiber Analysis**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2016-04-01 through 2017-03-31

Effective Dates



For the National Voluntary Laboratory Accreditation Program



## THE CITY OF KENOSHA, WISCONSIN

## REQUEST FOR PROPOSAL TO RAZE STRUCTURE(S) AND RESTORE LOT

AΤ

4605-8th Avenue, Tax Key No. 12-223-31-141-013

#### **DETAILED DESCRIPTION OF WORK**

#### WORK TO BE PERFORMED.

- 1. Raze and remove the entire house including the basement walls, floor, porches, east wood deck, south wood stairs at the entrance, basement hatch structure and all debris.
- 2. Remove concrete patio on the east and south side of the parcel.
- 3. Saw cut concrete sidewalk along north property line and remove. The Contractor is responsible for any damage to adjacent sidewalk.
- 4. Remove asphalt parking area on the south side of the parcel.
- 5. Remove west concrete driveway approach and replace with full head concrete curb and gutter per City of Kenosha Public Work's Detailed Specifications.
- 6. Remove stockade fence along south side of parcel, northeast corner of parcel and around concrete patio.
- 7. Remove and cap all sanitary sewer and water lines. The sewer line which services 4611-8th Avenue shall be connected with the sanitary system in the street per Kenosha Water Utility Specifications.
- 8. Remove all trees, shrubs and evergreens from parcel. Tree stumps shall be ground to sin (6) to eight (8) inches below grade.
- 9. Properly remove and dispose of all Regulated Asbestos Containing Materials (R.A.C.M.) found on-site.
- 10. Grade and seed lot per specifications and Erosion Control Plan.

The above tasks are hereafter referred to as "WORK"



June 29, 2017

Mr. Mark Willing Purchasing Manager City of Kenosha- Department of Finance Municipal Building- Room 208 625 52<sup>nd</sup> Street Kenosha, Wisconsin 53140

Re:

NESHAP Asbestos Survey at Twelve-Unit Apartment Building 4605 8<sup>th</sup> Avenue Kenosha, Wisconsin PSI Project No. 00541424

Dear Mr. Willing:

In accordance with our agreement dated May 15, 2012, Professional Service Industries, Inc. (PSI), has performed an Asbestos Survey of the above-referenced property to identify all Asbestos-Containing Materials (ACM) including Category I and Category II non-friable ACM. Below, please find a discussion of our survey and results.

#### **Facility Description**

The facility included in this National Emissions Standard for Hazardous Air Pollutants (NESHAPs) Asbestos Survey was a two-story residential structure with basement and attic. At the time of PSI's survey, the building was vacant.

#### **Survey Intent**

This asbestos survey was intended to meet the requirements of the NESHAP for Asbestos demolition or renovation. The survey included a thorough inspection of all areas of demolition or renovation. PSI's inspection team identified, quantified and assessed the condition of all Regulated Asbestos Containing Material (RACM), Category I non-friable ACM and Category II non-friable ACM. A hand pressure test was used to determine whether the material was friable.

Representative samples were collected and submitted to an accredited laboratory for analysis by Polarized Light Microscopy. Reports of Analysis are attached along with Chain of Custody documentation, Bulk Sample Logs, Site Layout Diagrams, and Inspector and Laboratory Certifications.

#### **Findings**

Asbestos-containing materials were discovered during this asbestos survey. Assumed asbestos-containing materials were identified and included electrical boxes. The table below details the findings of this survey.

**Table 1-Asbestos Containing Materials** 

Material Description	Locations in Facility	Total Quantity	RACM, Cat-Lor Cat. II	Friable (Y/N)	Condition
Flue Packing	Room 04	1 SF	RACM	N	Good
Exterior Door Caulk - Beige	Room 100 and Exterior	3 SF (3 Doors)	Cat. I	N	Good
9" x 9" Brown Floor Tile and Associated Mastic	Room 104	120 SF	Cat. I	N	Good
Mastic Associated with 9" x 9" Gray/Black Floor (Tile Negative)	Rooms 201 and 202	189 SF	Cat. II	N	Good
Roof Flashing	Roof 1	32 SF	Cat. I	N	Good
Electrical Boxes (Assumed Transite Components)	Room 03	1 Box	RACM	N .	Good

SF=Square Feet EA=Each

#### Warranty

The information contained in this report is based upon the data furnished by the Client and observations and test results provided by PSI. These observations and results are time dependent, are subject to changing site conditions, and revisions to Federal, State and local regulations.

PSI warrants that these findings have been promulgated after being prepared in general accordance with generally accepted practices in the asbestos industry. PSI also recognizes that raw laboratory test data are not usually sufficient to make all abatement and management decisions

As directed by the client, PSI did not provide any service to investigate or detect the presence of moisture, mold or other biological contaminates in or around any structure, or any service that was designed or intended to prevent or lower the risk of the occurrence of the amplification of the same. Client acknowledges that mold is ubiquitous to the environment with mold amplification occurring when building materials are impacted by moisture. Client further acknowledges that site conditions are outside of PSI's control, and that mold amplification will likely occur, or continue to occur, in the presence of moisture. As such, PSI cannot and shall not be held responsible for the occurrence or recurrence of mold amplification.

This report was prepared pursuant to the contract PSI has with the City of Kenosha. That contractual relationship included an exchange of information about the subject site that was unique and between PSI and its client and serves as the basis upon which this report was prepared. Because of the importance of the communication between PSI and its client, reliance or any use of this report by anyone other than the City of Kenosha, for whom it was prepared, is prohibited and therefore not foreseeable to PSI.

NESHAP Asbestos Survey Residence-4605 8th Ave. - Kenosha, WI PSI Project No. 00541424 Reliance or use by any such third party without explicit authorization in the report does not make said third party a third party beneficiary to PSI's contract with the City of Kenosha. Any such unauthorized reliance on or use of this report, including any of its information or conclusions, will be at third party's risk. For the same reasons, no warranties or representations, expressed or implied in this report, are made to any such third party.

No other warranties are implied or expressed.

#### **Unidentifiable Conditions**

This report is necessarily limited to the conditions observed and to the information available at the time of the work. Due to the nature of the work, there is a possibility that there may exist conditions which could not be identified within the scope of work or which were not apparent at the time of our site work. This report is also limited to information available from the client at the time it was conducted. The report may not represent all conditions at the subject site as it only reflects the information gathered from specific locations.

Thank you for choosing PSI as your consultant for this project. If you have any questions, or if we can be of additional service, please call us at 262.521.2125.

Respectfully submitted,

PROFESSIONAL SERVICE INDUSTRIES, INC.

Mike Larsen

WI Asbestos Inspector #AII-13850

Michael Tjaden Principal Consultant

#### **Appendices**

- A. Report of Bulk Sample Analysis for Asbestos/Chain of Custody
- B. Asbestos Bulk Sample Log
- C. Site Layout Drawings
- D. Inspector & Company Certifications



June 14, 2017

PSI 821 Corporate Ct. Waukesha, WI 53189

CLIENT PROJECT:

4605 8th Ave; 00541424

CEI LAB CODE:

A17-8378

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on June 13, 2017. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

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

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

Kind Regards,

Tianbao Bai, Ph.D., CIH Laboratory Director





# ASBESTOS ANALYTICAL REPORT By: Polarized Light Microscopy

### Prepared for

## **PSI**

CLIENT PROJECT: 4605 8th Ave; 00541424

CEI LAB CODE: A17-8378

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

REPORT DATE: 06/14/17

TOTAL SAMPLES ANALYZED: 97

# SAMPLES >1% ASBESTOS: 18

TEL: 866-481-1412

www.ceilabs.com



# Asbestos Report Summary By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** 4605 8th Ave; 00541424 **CEI LAB CODE**: A17-8378

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

Client ID	Layer Lab ID	Color	Sample Description	ASBESTOS %
01	A2424364	Tan	MB	None Detected
02	A2424365	Tan	MB	None Detected
03	A <b>242436</b> 6 ·	Tan	MB	None Detected
04	A2424367	Gray	Mbm	None Detected
05	A2424368	Gray	Mbm	None Detected
. 06	A2424369	Gray	Mbm	None Detected
07	A2424370	Black,Tan	Mbat	None Detected
08	A2424371	Black,Tan	Mbat	None Detected
09	A2424372	Black,Tan	Mbat	None Detected
10	A <b>24243</b> 73	Off-white	Mfp	Chrysotile 3%
11	A2424374	Off-white	Mfp	Chrysotile 3%
12	A2424375	Off-white	Mfp	Chrysotile 3%
13	A2424376	Black,Red	Mstk	None Detected
14	A2424377	Black,Red	Mstk	None Detected
15	A2424378	Black,Red	Mstk	None Detected
16	A2424379	Tan,Red	Mstp1	None Detected
17	A2424380	Tan,Red	Mstp1	None Detected
18	A2424381	Tan,Red	Mstp1	None Detected
19	A2424382	Black	Mstp2	None Detected
20	A2424383	Black	Mstp2	None Detected
21	A2424384	Black	Mstp2	None Detected
22	A2424385	White	Mpge	None Detected
23	A2424386	White	Mpge	None Detected
24	A2424387	White	Mpge	None Detected
25	A2424388	Beige	Mdce	Chrysotile 3%
26	A2424389	Beige	Mdce	Chrysotile 3%
27	A2424390	Beige	Mdce	Chrysotile 3%
28	A2424391	Tan,White	Mdwc	None Detected
29	A2424392	Tan,White	Mdwc	None Detected
30	A2424393	Tan,White	Mdwc	None Detected
31	A2424394	White,Red	Mwc	None Detected

Page 1 of 5



# Asbestos Report Summary By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** 4605 8th Ave; 00541424

**CEI LAB CODE:** A17-8378

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

Client ID	Layer Lab ID	Color	Sample Description	ASBESTOS %
32	A2424395	White,Red	Mwc	None Detected
33	A2424396	White,Red	Mwc	None Detected
34	A <b>24243</b> 97A	Brown	Mf9n	Chrysotile 10%
	A2424397B	Black	Mf9n	Chrysotile 2%
35	A2424398A	Brown	Mf9n	Chrysotile 10%
	A2424398B	Black	Mf9n	Chrysotile 2%
36	A2424399A	Brown	Mf9n	Chrysotile 10%
	A2424399B	Black	Mf9n	Chrysotile 2%
37	A2424400	Yellow	Mpm	None Detected
38	A2424401	Yellow	Mpm	None Detected
39	A2424402	Yellow	Mpm	None Detected
40	A2424403	White,⊺an	Msct1	None Detected
41	A2424404	White,Tan	Msct1	None Detected
42	A2424405	White,Tan	Msct1	None Detected
43	A2424406A	Tan,Gray	Mfrn	None Detected
	A2424406B	Clear	Mfrn	None Detected
44	, A2424407A	Tan,Gray	Mfrn	None Detected
· · · · · · · · · · · · · · · · · · ·	A2424407B	Clear	Mfrn	None Detected
45	A2424408A	Tan,Gray	Mfrn	None Detected
	A2424408B	Clear	Mfrn	None Detected
46	A2424409A	Black	M∨fk	None Detected
	A2424409B	Yellow	Mvfk	None Detected
47	A2424410A	Black	M∨fk	None Detected
	A2424410B	Yellow	MvfK	None Detected
48	A2424411A	Black	Mvfk	None Detected
	A2424411B	Yellow	Mvfk	None Detected
49	A2424412	Gray	Mctm	None Detected
50	A2424413	Gray	Mctm	None Detected
51	A2424414	Gray	Mctm	None Detected
52	A2424415	Tan	Mctg	None Detected
53	A2424416	Tan	Mctg	None Detected

Page 2 of 5



# Asbestos Report Summary By: POLÄRIZING LIGHT MICROSCOPY

**PROJECT:** 4605 8th Ave; 00541424

**CEI LAB CODE:** A17-8378

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
54		A2424417	Tan	Mctg	None Detected
55		A2424418	Gray	Mfb	None Detected
56		A2424419	Gray	Mfb	None Detected
57		A2424420	Gray	Mfb .	None Detected
58		A2424421	White	Mwr	None Detected
59		A2424422	White	Mwr	None Detected
60		A2424423	White	Mwr	None Detected
61		A2424424	Off-white,Green	Мра	None Detected
62		A2424425	Off-white,Green	Мра	None Detected
63		A2424426	Off-white	Мра	None Detected
64		A2424427A	Gray	Mf9yk	Chrysotile 10%
	Layer 1	A2424427B	Black	Mf9yk	None Detected
	Layer 2	A2424427B	Black	Mf9yk	None Detected
65		A2424428A	Gray	Mf9yk	Chrysotile 10%
	Layer 1	A2424428B	Black	Mf9yk	None Detected
	Layer 2	A2424428B	Black	Mf9yk	None Detected
66		A2424429A	Gгау	Mf9yk	Chrysotile 10%
	Layer 1	A2424429B	Black	Mf9yk	None Detected
	Layer 2	A2424429B	Black	Mf9yk	None Detected
67		A2424430A	Off-white	Mf12e	None Detected
		A2424430B	Clear	Mf12e	None Detected
68		A2424431A	Off-white	Mf12e	None Detected
		A2424431B	Clear	Mf12e	None Detected
69		A2424432A	Off-white	Mf12e	None Detected
		A2424432B	Clear	Mf12e	None Detected
70		A2424433	Black	Mrs1	None Detected
71		A2424434	Black	Mrs1	None Detected
72		A2424435	Black	Mrs1	None Detected
73		A2424436	Black,Red	Mrs2	None Detected
74		A2424437	Black,Red	Mrs2	None Detected
75		A2424438	Black,Red	Mrs2	None Detected

Page 3 of 5



# Asbestos Report Summary By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** 4605 8th Ave; 00541424

**CEI LAB CODE:** A17-8378

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
76		A2424439	Black,Gray	Mrs3	None Detected
77		A2424440	Black,Gray	Mrs3	None Detected
78		A2424441	Black,Gray	Mrs3	None Detected
79		A2424442	Black,Gray	Mrf1	Chrysotile 15%
80		A2424443	Black,Gray	Mrf1	Chrysotile 15%
81		A2424444	Black,Gray	Mrf1	Chrysotile 15%
82	Layer 1	A2424445	Black	Mrm	None Detected
	Layer 2	A2424445	Tan	Mrm	None Detected
83	Layer 1	A2424446	Black	Mrm	None Detected
	Layer 2	A2424446	Tan	Mrm	None Detected
84	Layer 1	A2424447	Black	Mrm	None Detected
	Layer 2	A2424447	Tan	Mrm	None Detected
85		A2424448	Black	Mrf2	None Detected
86		A2424449	Black	Mrf2	None Detected
87		A2424450	Black	Mrf2	None Detected
88		A2424451	Tan	Sp1	None Detected
89		A2424452	Tan	Sp1	None Detected
90		A2424453	Tan	Sp1	None Detected
91	Layer 1	A2424454	White	Sp1	None Detected
	Layer 2	A2424454	Tan	Sp1	None Detected
92	Layer 1	A2424455	White	Sp1	None Detected
	Layer 2	A2424455	Tan	Sp1	None Detected
93	Layer 1	A2424456	White	Sp1	None Detected
	Layer 2	A2424456	Tan	Sp1	None Detected
94		A2424457	Tan	Sp1	None Detected
95	Layer 1	A2424458	White	Sp2	None Detected
MR	Layer 2	A2424458	White	Sp2	None Detected
96	Layer 1	A2424459	White	Sp2	None Detected
	Layer 2	A2424459	White	Sp2	None Detected
97	Layer 1	A2424460	White	Sp2	None Detected
	Layer 2	A2424460	White	Sp2	None Detected

Page 4 of 5

## PAGE 5 OF 5 INTENTIONALLY LEFT BLANK



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8378

**Date Received:** 06-13-17 **Date Analyzed:** 06-14-17 **Date Reported:** 06-14-17

Project: 4605 8th Ave; 00541424

Client ID	Lab	Lab	NON	I-ASBESTOS	ASBESTOS		
Lab ID	Description	Attributes	Fibro	us	Non-l	ibrous	%
<b>01</b> A2424364	МВ	Heterogeneous Tan Non-fibrous Bound			55% 45%	Binder Silicates	None Detected
<b>02</b> A2424365	MB	Heterogeneous Tan Non-fibrous Bound			55% 45%	Binder Silicates	None Detected
<b>03</b> A2424366	МВ	Heterogeneous Tan Non-fibrous Bound			55% 45%	Binder Silicates	None Detected
<b>04</b> A2424367	Mbm	Heterogeneous Gray Non-fibrous Bound			55% 45%	Binder Silicates	None Detected
<b>05</b> A2424368	Mbm	Heterogeneous Gray Non-fibrous Bound		y	55% 45%	Binder Silicates	None Detected
<b>06</b> A2424369	Mbm	Heterogeneous Gray Non-fibrous Bound			55% 45%	Binder Silicates	None Detected
<b>07</b> A2424370	Mbat	Heterogeneous Black,Tan Fibrous Bound	75% <1%	Cellulose Fiberglass	25%	Tar	None Detected



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8378 Date Received: 06-13-17

Date Analyzed: 06-14-17 Date Reported: 06-14-17

Project: 4605 8th Ave; 00541424

Client ID	Lab	Lab	NO	N-ASBESTOS	COMPO	NENTS	ASBESTOS %
Lab ID	Description	Attributes	Fibr	ous	Non-F	ibrous	
<b>08</b> A2424371	Mbat	Heterogeneous Black,Tan Fibrous Bound	75% <1%	Cellulose Fiberglass	25%	Tar	None Detected
<b>09</b> 42424372	Mbat	Heterogeneous Black,Tan Fibrous Bound	75% <1%	Cellulose Fiberglass	25%	Tar	None Detected
<b>10</b> A2424373	Mfp	Heterogeneous Off-white Fibrous Loosely Bound	5% 5%	Cellulose Talc	37% 35% 15%	Binder Calc Carb Silicates	3% Chrysotile
<b>11</b> A2424374	Mfp	Heterogeneous Off-white Fibrous Loosely Bound	5% 5%	Cellulose Talc	37% 35% 15%	Binder Calc Carb Silicates	3% Chrysotile
<b>12</b> A2424375	Mfp	Heterogeneous Off-white Fibrous Loosely Bound	5% 5%	Cellulose Talc	37% 35% 15%	Binder Calc Carb Silicates	3% Chrysotile
<b>13</b> A2424376	Mstk	Heterogeneous Black,Red Fibrous Bound	25%	Cellulose	15% 50% 10%	Binder Vinyl Paint	None Detected
<b>14</b> A2424377	Mstk	Heterogeneous Black,Red Fibrous Bound	25%	Cellulose	15% 50% 10%	Binder Vinyl Paint	None Detected



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8378

Date Received: 06-13-17 Date Analyzed: 06-14-17 Date Reported: 06-14-17

Project: 4605 8th Ave; 00541424

Client ID Lab ID	Lab Description	Lab Attributes	NON Fibro	I-ASBESTOS ous	(Magarotossissusbiss	NENTS librous	ASBESTOS %
<b>15</b> A2424378	Mstk	Heterogeneous Black,Red Fibrous Bound	25%	Cellulose	15% 50% 10%	Binder Vinyl Paint	None Detected
<b>16</b> A2 <b>424</b> 379	Mstp1	Heterogeneous Tan,Red Fibrous Bound	100%	Cellulose	-		None Detected
<b>17</b> A2424380	Mstp1	Heterogeneous Tan,Red Fibrous Bound	100%	Cellulose			None Detected
<b>18</b> A2424381	Mstp1	Heterogeneous Tan,Red Fibrous Bound	100%	Cellulose			None Detected
<b>19</b> A2424382	Mstp2	Heterogeneous Black Fibrous Bound	65%	Cellulose	35%	Tar	None Detected
<b>20</b> A2424383	Mstp2	Heterogeneous Black Fibrous Bound	65%	Cellulose	35%	Tar	None Detected
<b>21</b> A2424384	Mstp2	Heterogeneous Black Fibrous Bound	65%	Cellulose	35%	Tar	None Detected



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8378

**Date Received:** 06-13-17 **Date Analyzed:** 06-14-17 **Date Reported:** 06-14-17

Project: 4605 8th Ave; 00541424

### ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous Non-Fibrous				ASBESTOS %
<b>22</b> A2424385	Mpge	Heterogeneous White Fibrous Bound	5%	Talc	35% 10% 50%	Binder Paint Calc Carb	None Detected
<b>23</b> A2424386	Mpge	Heterogeneous White Fibrous Bound	5%	Talc	35% 10% 50%	Binder Paint Calc Carb	None Detected
<b>24</b> A2424387	Mpge	Heterogeneous White Fibrous Bound	5%	Talc	35% 10% 50%	Binder Paint Calc Carb	None Detected
<b>25</b> A2 <b>4</b> 24388	Mdce	Heterogeneous Beige Fibrous Bound	5%	Talc	32% 10% 50%	Binder Paint Calc Carb	3% Chrysotile
<b>26</b> A2424389	Mdce	Heterogeneous Beige Fibrous Bound	5%	Talc	32% 10% 50%	Binder Paint Calc Carb	3% Chrysotile
<b>27</b> A2424390	Mdce	Heterogeneous Beige Fibrous Bound	5%	Talc	32% 10% 50%	Binder Paint Calc Carb	3% Chrysotile
<b>28</b> A2424391	Mdwc	Heterogeneous Tan,White Fibrous Bound	15%	Cellulose	10% 10% 65%	Binder Paint Calc Carb	None Detected

Page 4 of 19



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8378

**Date Received:** 06-13-17 **Date Analyzed:** 06-14-17 **Date Reported:** 06-14-17

Project: 4605 8th Ave; 00541424

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	e kiradika 1	NON-ASBESTOS COMPONENTS Fibrous Non-Fibrous			ASBESTOS %	
29	Mdwc	Heterogeneous	15%	Cellulose	10%	Binder	None Detected	
A2424392		Tan,White			10%	Paint		
		Fibrous			65%	Calc Carb		
		Bound						
30	Mdwc	Heterogeneous	15%	Cellulose	10%	Binder	None Detected	
A2424393		Tan,White			10%	Paint		
		Fibrous			65%	Calc Carb		
		Bound						
31	Mwc	Heterogeneous			25%	Binder	None Detected	
A2424394		White,Red			10%	Paint		
		Non-fibrous			65%	Calc Carb		
		Bound						
32	Mwc	Heterogeneous		and the state of t	25%	Binder	None Detected	
A2424395		White,Red			10%	Paint		
		Non-fibrous			65%	Calc Carb		
		Bound						
33	Mwc	Heterogeneous			25%	Binder	None Detected	
A2424396	•	White,Red			10%	Paint		
		Non-fibrous			65%	Calc Carb		
		Bound			-			
34	Mf9n	Heterogeneous			15%	Binder	10% Chrysotile	
A2424397A		Brown			75%	Vinyl		
		Fibrous						
		Bound						
A2424397B	Mf9n	Heterogeneous	****		98%	Tar	2% Chrysotile	
		Black						
		Fibrous						
		Bound		*				

Lab Notes: Contaminated by positive floor tile.



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8378
Date Received: 06-13-17
Date Analyzed: 06-14-17
Date Reported: 06-14-17

Project: 4605 8th Ave; 00541424

### ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Läb	NON-ASBESTOS COMP	ASBESTOS	
Lab ID	Description	Attributes	Fibrous Non	-Fibrous	%
35	Mf9n	Heterogeneous	15%	Binder	10% Chrysotile
A2424398A		Brown	75%	Vinyl	
		Fibrous		•	
		Bound			
A2424398B	Mf9n	Heterogeneous	98%	Tar	2% Chrysotile
		Black			
		Fibrous			
		Bound			
Lab Notes: C	ontaminated by posi	live floor tile.			
36	Mf9n	Heterogeneous	15%	Binder	10% Chrysotile
A2424399A		Brown	75%	Vinyl	
		Fibrous			
		Bound			
A <b>2424399</b> B	Mf9n	Heterogeneous	· 98%	Tar	2% Chrysotile
		Black			
		Fibrous			
		Bound			
Lab Notes: C	ontaminated by posi	live floor tile.			
37	Mpm	Heterogeneous	100%	6 Mastic	None Detected
A2424400		Yellow			
		Non-fibrous			
		Bound			
38	Mpm	Heterogeneous	100%	6 Mastic	None Detected
A2424401		Yellow			
		Non-fibrous			
		Bound			
39	Mpm .	Heterogeneous	100%	6 Mastic	None Detected
A2424402		Yellow			
		Non-fibrous			
		INOTIFIEDIQUE			

Page 6 of 19



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8378

Date Received: 06-13-17 Date Analyzed: 06-14-17 Date Reported: 06-14-17

Project: 4605 8th Ave; 00541424

Client ID	Lab	Lab NON-ASBESTOS COMPONENTS					ASBESTOS
Lab ID	Description	Attributes	Fibr	ous	Non-l	Fibrous	%
40	Msct1	Heterogeneous	5 50% Cellulose		10% Binder		None Detected
A2424403		White,Tan	15%	Fiberglass	25%	Perlite	
		Fibrous			<1%	Paint	
		Bound					
41	Msct1	Heterogeneous	50%	Cellulose	10%	Binder	None Detected
A2424404		White,Tan	՝ 15%	Fiberglass	25%	Perlite	
		Fibrous			<1%	Paint	
		Bound					
42	Msct1	Heterogeneous	50%	Cellulose	10%	Binder	None Detected
A2424405		White,Tan	15%	Fiberglass	25%	Perlite	
		Fibrous			<1%	Paint	
		Bound	(r///rissananan/assa				
43	Mfrn	Heterogeneous			25%	Binder	None Detected
A2424406A		Tan,Gray			75%	Vinyl	
		Non-fibrous					
		Bound					
A2424406B	Mfrn	Heterogeneous			100%	Mastic	None Detected
		Clear					
		Non-fibrous					
	100,000,000,000,000,000,000,000,000,000	Bound					
44	Mfrn	Heterogenèous			25%	Binder	None Detected
A2424407A		Tan,Gray			75%	Vinyl	
		Non-fibrous					
		Bound					
A2424407B	Mfrn	Heterogeneous			100%	Mastic	None Detected
		Clear					
		Non-fibrous					
		Bound					



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8378

Date Received: 06-13-17 Date Analyzed: 06-14-17 Date Reported: 06-14-17

Project: 4605 8th Ave; 00541424

<b>ASBESTOS</b>	RHI	KPIM	EPA (	ደበበ	METHOD
ASDESIUS	DUL	-N FLIVI.	EFM !	OUU	

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBEST	OS COMPONENTS Non-Fibrous	ASBESTOS %
<b>45</b> A2424408A	·-		25% Binder 75% Vinyl	None Detected	
A2424408B	Mfrn	Heterogeneous Clear Non-fibrous Bound	<del>na (ou le la compansión de la compansión de</del>	100% Mastic	None Detected
<b>46</b> A2424409A	M∨fk	Heterogeneous Black Non-fibrous Bound		25% Binder 75% Vinyl	None Detected
A2424409B	M∨fk	Heterogeneous Yellow Non-fibrous Bound		100% Mastic	None Detected
<b>47</b> A2424410A	M∨fk	Heterogeneous Black Non-fibrous Bound		25% Binder 75% Vinyl	None Detected
A2424410B	Mvfk	Heterogeneous Yellow Non-fibrous Bound	and the control of th	100% Mastic	None Detected
<b>48</b> A2424411A	Mvfk	Heterogeneous Black Non-fibrous Bound		25% Binder 75% Vinyl	None Detected

Page 8 of 19



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8378

Date Received: 06-13-17 Date Analyzed: 06-14-17 Date Reported: 06-14-17

Project: 4605 8th Ave; 00541424

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMP Fibrous No	PONENTS n-Fibrous	ASBESTOS %
A2424411B Mvfk		Heterogeneous Yellow Non-fibrous Bound	100	% Mastic	None Detected
<b>49</b> A2424412	Mctm	Heterogeneous Gray Non-fibrous Bound	55% 45%		None Detected
<b>50</b> A2424413	Mctm	Heterogeneous Gray Non-fibrous Bound	55% 45%		None Detected
<b>51</b> A2424414	Mctm	Heterogeneous Gray Non-fibrous Bound	559 459		None Detected
<b>52</b> A2424415	Mctg	Heterogeneous Tan Non-fibrous Bound	559 459		None Detected
<b>53</b> A2424416	Metg	Heterogeneous Tan Non-fibrous Bound	559 459		None Detected
<b>54</b> A2424417	Mctg	Heterogeneous Tan Non-fibrous Bound	559 459		None Detected



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8378 Date Received: 06-13-17

Date Analyzed: 06-14-17
Date Reported: 06-14-17

Project: 4605 8th Ave; 00541424

### ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Láb	NO	N-ASBESTOS	NENTS	ASBESTOS	
Lab ID	Description	Attributes	Fibr	ous	Non-l	ibrous	%
<b>55</b> A2424418	Mfb	Heterogeneous Gray Fibrous Bound	35%	Cellulose	50% 15%	Binder Silicates	None Detected
<b>56</b> A2424419	Mfo	Heterogeneous Gray Fibrous Bound	35%	Cellulose	50% 15%	Binder Silicates	None Detected
<b>57</b> A2424420	Mfb	Heterogeneous Gray Fibrous Bound	35%	Cellulose	50% 15%	Binder Silicates	None Detected
<b>58</b> A2424421	Mwr	Heterogeneous White Fibrous Bound	95%	Cellulose	5%	Paint	None Detected
<b>59</b> A2424422	Mwr	Heterogeneous White Fibrous Bound	95%	Cellulose	5%	Paint	None Detected
<b>60</b> A2424423	Mwr	Heterogeneous White Fibrous Bound	95%	Cellulose	5%	Paint	None Detected
<b>61</b> A2424424	Мра	Heterogeneous Off-white,Green Non-fibrous Bound			80% 15% 5%	Paint Binder Silicates	None Detected

Page 10 of 19



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8378 Date Received: 06-13-17

Date Analyzed: 06-14-17
Date Reported: 06-14-17

Project: 4605 8th Ave; 00541424

### ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON	-ASBESTOS	NENTS	ASBESTOS	
Lab ID	Description	Attributes	Fibro	us	Non-l	Fibrous	%
<b>62</b> A2424425	Мра	Heterogeneous Off-white,Green Non-fibrous Bound	•		80% 15% 5%	Paint Binder Silicates	None Detected
<b>63</b> A2424426	Мра	Heterogeneous Off-white Non-fibrous Bound			85% 15%	Paint Binder	None Detected
<b>64</b> A2424427A	Mf9yk	Heterogeneous Gray Fibrous Bound			75% 15%	Vinyl Binder	10% Chrysotile
Layer 1 A2424427B	Mf9yk	Heterogeneous Black Fibrous Bound	5%	Cellulose	95%	Tar	None Detected
Layer 2 A2424427B	Mf9yk	Heterogeneous Black Fibrous Bound	65%	Cellulose	35%	Tar	None Detected
<b>65</b> A2424428A	Mf9yk	Heterogeneous Gray Fibrous Bound			75% 15%	Vinyl Binder	10% Chrysotile
Layer 1 A2424428B	Mf9yk	Heterogeneous Black Fibrous Bound	5%	Cellulose	95%	Tar	None Detected

Page 11 of 19



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8378
Date Received: 06-13-17
Date Analyzed: 06-14-17
Date Reported: 06-14-17

Project: 4605 8th Ave; 00541424

### ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	ASBESTOS				
Lab ID	Description	Attributes	Fibr	ous	Non-F	ibrous	%
Layer 2 Mf9yk A2424428B	Mf9yk	Heterogeneous Black Fibrous Bound	65%	Cellulose	35%	Tar	None Detected
<b>66</b> A2424429A	Mf9yk	Heterogeneous Gray Fibrous Bound			75% 15%	Vinyl Binder	10% Chrysotil
Layer 1 A2424429B	Mf9yk	Heterogeneous Black Fibrous Bound	5%	Cellulose	95%	Tar	None Detected
Layer 2 A2424429B	Mf9yk	Heterogeneous Black Fibrous Bound	65%	Cellulose	35%	Tar	None Detected
<b>67</b> A2424430A	Mf12e	Heterogeneous Off-white Non-fibrous Bound			75% 25%	Vinyl Binder	None Detected
A2424430B	Mf12e	Heterogeneous Clear Non-fibrous Bound			100%	Mastic	None Detected
<b>68</b> A2424431A	Mf12e	Heterogeneous Off-white Non-fibrous Bound			75% 25%	Vinyl Binder	None Detected

Page 12 of 19



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8378

Date Received: 06-13-17 Date Analyzed: 06-14-17 Date Reported: 06-14-17

Project: 4605 8th Ave; 00541424

ASBESTOS BULK PLM. EPA 600 N	METHOD	)
------------------------------	--------	---

Client ID Lab ID	Lab Description	Lab Attributes	NON Fibro	-ASBESTOS ous		NENTS Fibrous	ASBESTOS %	
A2424431B	Mf12e	f12e Heterogeneous Clear Non-fibrous Bound		Clear Non-fibrous		Mastic	None Detected	
<b>69</b> A2424432A	Mf12e	Heterogeneous Off-white Non-fibrous Bound			75% 25%	Vinyl Binder	None Detected	
A2424432B	Mf12e	Heterogeneous Clear Non-fibrous Bound			100%	Mastic	None Detected	
<b>70</b> A2424433	Mrs1	Heterogeneous Black Fibrous Bound	35%	Fiberglass	40% 25%	Tar Silicates	None Detected	
<b>71</b> A2424434	Mrs1	Heterogeneous Black Fibrous Bound	35%	Fiberglass	40% 25%	Tar Silicates	None Detected	
<b>72</b> A2424435	Mrs1	Heterogeneous Black Fibrous Bound	35%	Fiberglass	40% 25%	`Tar Silicates	None Detected	
<b>73</b> A2424436	Mrs2	Heterogeneous Black,Red Fibrous Bound	35%	Cellulose	40% 25%	Tar Silicates	None Detected	

Page 13 of 19



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8378 Date Received: 06-13-17

**Date Analyzed:** 06-14-17 **Date Reported:** 06-14-17

Project: 4605 8th Ave; 00541424

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NO	N-ASBESTOS	ASBESTOS		
Lab ID	Description	Attributes	Fibr	ous	Non-l	ibrous	%
<b>74</b> Mrs2 A2424437	Mrs2	Heterogeneous Black,Red Fibrous Bound	35%	Cellulose	40% 25%	Tar Silicates	None Detected
<b>75</b> A2424438	Mrs2	Heterogeneous Black,Red Fibrous Bound	35%	Cellulose	40% 25%	Tar Silicates	None Detected
<b>76</b> A2424439	Mrs3	Heterogeneous Black,Gray Fibrous Bound	35%	Cellulose	40% · 25%	Tar Silicates	None Detected
<b>77</b> A2424440	Mrs3	Heterogeneous Black,Gray Fibrous Bound	35%	Cellulose	40% 25%	Tar Silicates	None Detected
<b>78</b> A2424441	Mrs3	Heterogeneous Black,Gray Fibrous Bound	35%	Cellulose	40% 25%	Tar Silicates	None Detected
<b>79</b> A2424442	Mrf1	Heterogeneous Black,Gray Fibrous Bound			85%	Tar	15% Chrysotile
<b>80</b> A2424443	Mrf1	Heterogeneous Black,Gray Fibrous Bound			85%	Tar	15% Chrysotile

Page 14 of 19



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8378

**Date Received:** 06-13-17 **Date Analyzed:** 06-14-17 **Date Reported:** 06-14-17

Project: 4605 8th Ave; 00541424

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS Fibrous	COMPONENTS Non-Fibrous	ASBESTOS %
<b>81</b> A2424444	Mrf1	Heterogeneous Black,Gray Fibrous Bound	nos <u>- 190 - 190 - 190 - 190 - 190 - 190 - 190 - 190 - 190 - 190 - 190 - 190 - 190 - 190 - 190 - 190 - 190 - 190</u>	85% Tar	15% Chrysotile
<b>82</b> Layer 1 A2424445	Mrm	Heterogeneous Black Fibrous Bound		100% Binder	None Detected
Layer 2 A2424445	Mrm	Heterogeneous Tan Fibrous Bound	85% Cellulose	15% Tar	None Detected
<b>83</b> Layer 1 A2424446	Mrm	Heterogeneous Black : Fibrous Bound		100% Binder	None Detected
Layer 2 A2424446	Mrm	Heterogeneous Tan Fibrous Bound	85% Cellulose	15% Tar	None Detected
<b>84</b> Layer 1 A2424447	Mrm	Heterogeneous Black Fibrous Bound		100% Binder	None Detected
Layer 2 A2424447	Mrm	Heterogeneous Tan Fibrous Bound	85% Cellulose	15% Tar	None Detected

Page 15 of 19



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8378

Date Received: 06-13-17 Date Analyzed: 06-14-17 Date Reported: 06-14-17

Project: 4605 8th Ave; 00541424

Client ID Lab ID	Lab Description	Lab Attributes	NO! Fibr	N-ASBESTOS ou <b>s</b>	ASBESTOS %		
<b>85</b> Mrf2 A2424448	Mrf2	Heterogeneous Black Non-fibrous Bound			65% 35%	Binder Calc Carb	None Detected
<b>86</b> A2424449	Mrf2	Heterogeneous Black Non-fibrous Bound			65% 35%	Binder Calc Carb	None Detected
<b>87</b> A2424450	Mrf2	Heterogeneous Black Non-fibrous Bound			65% 35%	Binder Calc Carb	None Detected
<b>88</b> A2424451	Sp1	Heterogeneous Tan Fibrous Bound	<1%	Cellulose	55% 35% 10%	Binder Silicates Paint	None Detected
<b>89</b> A2424452	Sp1	Heterogeneous Tan Fibrous Bound	<1%	Cellulose	55% 35% 10%	Binder Silicates Paint	None Detected
<b>90</b> A2424453	Sp1	Heterogeneous Tan Fibrous Bound	<1%	Cellulose	55% 35% 10%	Binder Silicates Paint	None Detected
<b>91</b> Layer 1 A2424454	Sp1	Heterogeneous White Fibrous Bound			65% 25% 10%	Binder Silicates Paint	None Detected



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8378
Date Received: 06-13-17
Date Analyzed: 06-14-17

Date Reported: 06-14-17

Project: 4605 8th Ave; 00541424

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NO	N-ASBESTOS	ASBESTOS		
Lab ID	Description	Attributes	Fibr	ous	Non-F	ibrous	%
Layer 2	Sp1	Heterogeneous	~1%	Cellulose	55%	Binder	None Detected
A2424454		Tan			35%	Silicates	
		Fibrous			10%	Paint	
		Bound					
92	Sp1	Heterogeneous			65%	Binder	None Detected
Layer 1		White			25%	Silicates	
A2424455		Fibrous			10%	Paint	
		Bound					
Layer 2	Sp1	Heterogeneous	<1%	Cellulose	55%	Binder	None Detected
A2424455		Tan			35%	Silicates	
		Fibrous			10%	Paint	
		Bound					
93	Sp1	Heterogeneous		***************************************	65%	Binder	None Detected
Layer 1		White			25%	Silicates	
A2424456		Fibrous			10%	Paint	
		Bound					
Layer 2	Sp1	Heterogeneous	<1%	Cellulose	55%	Binder	None Detected
A2424456		Tan			35%	Silicates	
		Fibrous			10%	Paint	
		Bound					
94	Sp1	Heterogeneous	<1%	Cellulose	55%	Binder	None Detected
A2424457		Tan			35%	Silicates	
		Fibrous			10%	Paint	
		Bound					
95	Sp2	Heterogeneous		AND THE RESERVE AND THE PROPERTY OF THE PROPER	55%	Binder	None Detected
Layer 1		White			35%	Silicates	
A2424458		Fibrous			10%	Paint	
		Bound					

Page 17 of 19



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A17-8378

Date Received: 06-13-17 Date Analyzed: 06-14-17 Date Reported: 06-14-17

Project: 4605 8th Ave; 00541424

<b>ASBESTOS</b>	RIII	KDIM	EDΛ	ፍሰስ	METHOD
ASBESIUS	BUL	.n Pl.IVI.	EPA	טטט	MEIDOD

Cilent ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPO Fibrous Non	ASBESTOS %	
Layer 2 A2424458	Sp2	Heterogeneous White Fibrous Bound	75% 25%	Binder Perlite	None Detected
<b>96</b> Layer 1 A2424459	Sp2	Heterogeneous White Fibrous Bound	55% 35% 10%	Binder Silicates Paint	None Detected
Layer 2 A2424459	Sp2	Heterogeneous White Fibrous Bound	75% 25%	Binder Perlite	None Detected
<b>97</b> Layer 1 A2424460	Sp2	Heterogeneous White Fibrous Bound	55% 35% 10%	Silicates	None Detected
Layer 2 A2424460	Sp2	Heterogeneous White Fibrous Bound	75% 25%		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

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 This report may not be used by the client to claim product condition unless otherwise noted. endorsement by NVLAP or any other agency of the U.S. Government.

**APPROVED BY:** 

Laboratory Director





ASBESTOS A 242 4364. CHAIN OF CUSTODY A 2424 466

LAB USE ONLY

107 New Edition Court, Cary, NC 27511	CEI Lab Code
Tel: 866-481-1412; Fax: 919-481-1442	CE Lab I.D. Range
COMPANY INFORMATION	PROJECT INFORMATION
CEI CLIENT #:	Job Contact: Tim ( DAIKa
Company: PSI, TAC	Email/Tel: Jim. Charle @ DSIUSA. COM
Address: 821 Confortio Court	Project Name: 4605 fifth AUG
unukasha, wi 57189	Project ID# 0054/424
Email: LARRY. Roether @ PSIUSA. com	PO #:
Tel: 262-521-2125 Fax: 262-521-947	7 STATE SAMPLES COLLECTED IN: 27

IF TAT IS NOT MARKED STANDARD 3 DAY TAT APPLIES. TURNARQUNDITIME ASBESTOS METHOD 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: X **Accept Samples** Reject Samples Date/Time Received By: Date/Time( " rh 6-13 910 5:00pm Samples will be disposed of 30 days/after analysis

> VERSION CCOC.0215.1/2.LD Customer COC Page 1



## **BULK SAMPLE LOG**

Client: City of Kenosha	Construction Date:	Unknown
Project: Two-Story Residential Building	Date of Inspection:	6/9/2017
Address: 4605 8th Ave., Kenosha, Wi	Inspector:	Mike Larsen
	Inspector #:	AII-13850

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	
01	01	Brick	
02	Exterior	Brick	
03	Exterior	Brick	
04	01	Brick Mortar	
05	Exterior	Brick Mortar	
06	Exterior	Brick Mortar	
07	02	Fiberglass Batt Insulation with Suspect Layer	
08.	101	Fiberglass Batt Insulation with Suspect Layer	
09	105	Fiberglass Batt Insulation with Suspect Layer	
10	04	Flue Packing	
11	04	Flue Packing	
12	04	Flue Packing	
13	STWL1	Black Stair Tread and Associated Mastic	
14	STWL1	Black Stair Tread and Associated Mastic	
15	STWL1	Black Stair Tread and Associated Mastic	
16	Exterior	Siding Tar Paper - Red	
17	Exterior	Siding Tar Paper - Red	
18	100	Siding Tar Paper - Red	
19	Exterior	Siding Tar Paper - Black	
20	Exterior	Siding Tar Paper - Black	
21	100	Siding Tar Paper - Black	
22	Exterior	Exterior Window Pane Glazing - Gray	
-23	Exterior	Exterior Window Pane Glazing - Gray	
24	100	Exterior Window Pane Glazing - Gray	
25	Exterior	Exterior Door Caulk - Beige	
26	Exterior	Exterior Door Caulk - Beige	
27	100	Exterior Door Caulk - Beige	
28	101	Drywall/Joint Compound System	
29	105	Drywall/Joint Compound System	
30	108	Drywall/Joint Compound System	
31	101	Window Caulk - White	
32	105	Window Caulk - White	
33	108	Window Caulk - White	



### **BULK SAMPLE LOG**

Client: City of Kenosha
Project: Two-Story Residential Building
Address: 4605 8th Ave., Kenosha, WI

Construction Date: Unknown
Date of Inspection: 6/9/2017
Inspector: Mike Larsen
Inspector #: All-13850

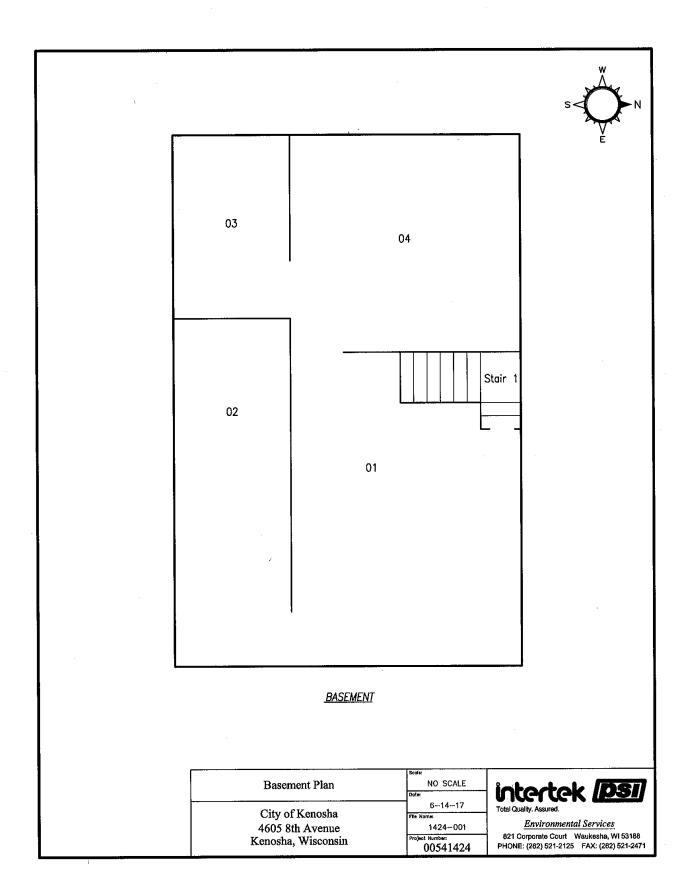
SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION		
34	104	9" x 9" Brown Floor Tile and Associated Mastic		
35	104	9" x 9" Brown Floor Tile and Associated Mastic		
36	104	9" x 9" Brown Floor Tile and Associated Mastic		
37	104	Panel Mastic - Beige		
38	104	Panel Mastic - Beige		
39	104	Panel Mastic - Beige		
40	104	2' x 4' Suspended Ceiling Tile: Pinholes and Fissures		
41	104	2' x 4' Suspended Ceiling Tile: Pinholes and Fissures		
42	104	2' x 4' Suspended Ceiling Tile: Pinholes and Fissures		
43	106	12" x 12" Brown Floor Tile and Associated Mastic		
44	106	12" x 12" Brown Floor Tile and Associated Mastic		
45	106	12" x 12" Brown Floor Tile and Associated Mastic		
46	106	Black Vinyl Flooring and Associated Mastic		
47	106	Black Vinyl Flooring and Associated Mastic		
48	106	Black Vinyl Flooring and Associated Mastic		
49	108	Ceramic Tile Mastic		
50	108	Ceramic Tile Mastic		
51	108	Ceramic Tile Mastic		
52	108	Ceramic Tile Grout		
53	108	Ceramic Tile Grout		
54	108	Ceramic Tile Grout		
55	108	Fiberboard		
56	108	Fiberboard		
57	108	Fiberboard		
58	108	Window Rope		
59	108	Window Rope		
60	108	Window Rope		
61	102	Delaminated Paint		
62	104	Delaminated Paint		
63	201	Delaminated Paint		
64	201	9" x 9" Gray/Black Floor Tile and Associated Mastic		
65	201	9" x 9" Gray/Black Floor Tile and Associated Mastic		
66	202	9" x 9" Gray/Black Floor Tile and Associated Mastic		

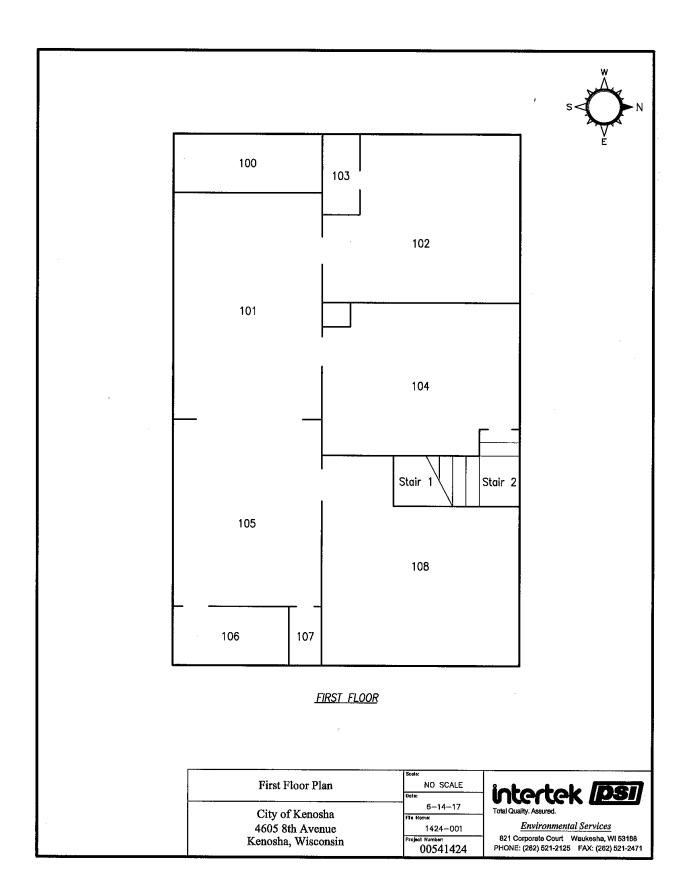


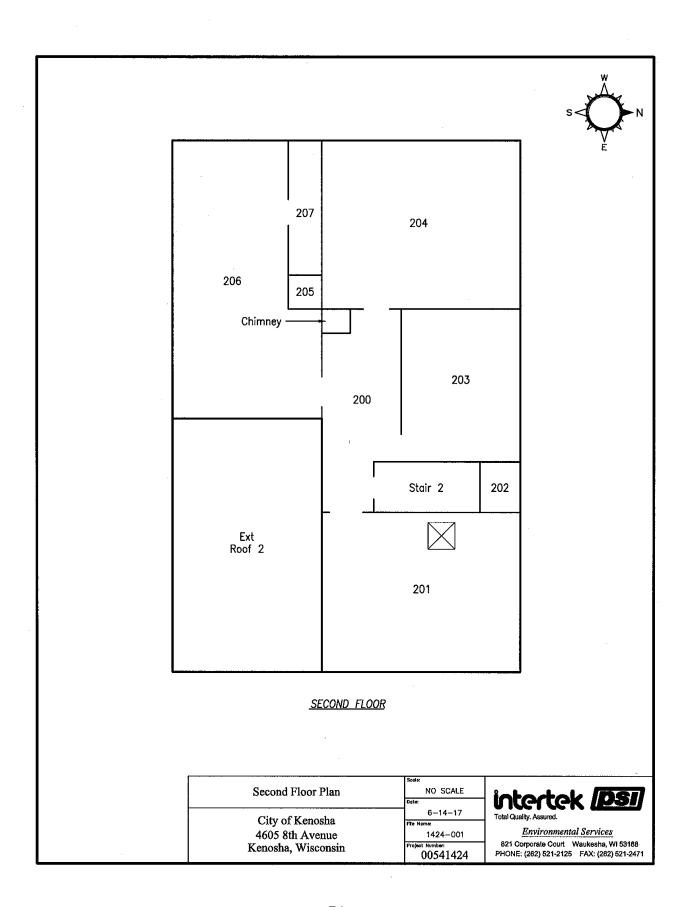
## **BULK SAMPLE LOG**

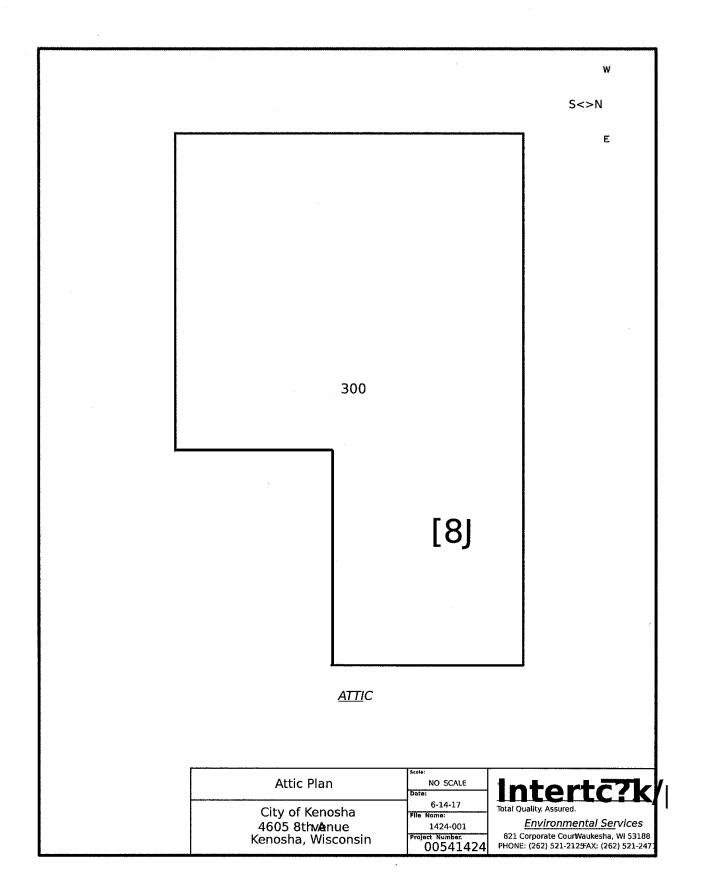
Client: City of Kenosha	Construction Date: Unknown
Project: Two-Story Residential Building	Date of Inspection: 6/9/2017
Address: 4605 8th Ave., Kenosha, WI	Inspector: Mike Larsen
	inspector #: All-13850

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION	
67	203	12" x 12" Beige Floor Tile and Asociated Mastic	
68	203	12" x 12" Beige Floor Tile and Asociated Mastic	
69	203	12" x 12" Beige Floor Tile and Asociated Mastic	
70	Roof 1	Black/Gray Roof Shingles - Top Layer	
71	Roof 1	Black/Gray Roof Shingles - Top Layer	
72	Roof 1	Black/Gray Roof Shingles - Top Layer	
73	Roof 1	Red Roof Shingles - 2nd Layer	
74	Roof 1	Red Roof Shingles - 2nd Layer	
75	Roof 1	Red Roof Shingles - 2nd Layer	
76	Roof 1	Black Roof Shingles - 3rd Layer	
77	Roof 1	Black Roof Shingles - 3rd Layer	
78	Roof 1	Black Roof Shingles - 3rd Layer	
79	Roof 1	Roof Flashing	
80	Roof 1	Roof Flashing	
81	Roof 1	Roof Flashing	
82	Roof 2	Roof Membrane	
83	Roof 2	Roof Membrane	
84	Roof 2	Roof Membrane	
85	Roof 2	Roof Flashing	
86	Roof 2	Roof Flashing	
87	Roof 2	Roof Flashing	
88	· 102	Plaster	
89	103	Plaster	
90	104	Plaster	
91	106	Plaster	
92	STWL1	Plaster	
93	200	Plaster	
94	201	Plaster	
95	106	Layer of Plaster	
96	106	Layer of Plaster	
97	106	Layer of Plaster	
	<u> </u>	the state of the s	











### SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

CEI Labs, Inc.

730 SE Maynard Road Cary, NC 27511 Dr. Tianbao Bai

Phone: 919-481-1413 Fax: 919-481-1442

Email: bai@ceilabs.com http://www.ceilabs.com

#### **ASBESTOS FIBER ANALYSIS**

**NVLAP LAB CODE 101768-0** 

#### **Bulk Asbestos Analysis**

<u>Code</u>

**Description** 

18/A01

EPA 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

18/A03

EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

## Airborne Asbestos Analysis

Code

**Description** 

18/A02

U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in

40 CFR, Part 763, Subpart E, Appendix A.

For the National Voluntary Laboratory Accreditation Program

Effective 2016-07-13 through 2017-03-31

Page 1 of 1



#### THE CITY OF KENOSHA, WISCONSIN

#### REQUEST FOR PROPOSAL TO RAZE BUILDING AND RESTORE LOT AT

5805- 23rd Avenue, Tax Key No. 09-222-36-483-007

#### **DETAILED DESCRIPTION OF WORK**

#### WORK TO BE PERFORMED.

- 1. Raze and remove the entire house including the basement walls and floor; front wood porch and all debris.
- 2. Raze and remove the garage, concrete garage slab and concrete driveway on east and south sides of parcel.
- 3. Remove all concrete service walks.
- 4. Remove west concrete driveway approach and replace with full head concrete curb and gutter per City of Kenosha's Department of Public Works Detailed Specifications.
- 5. Remove wood stockade fence on the east side of parcel.
- 6. Remove and cap all sanitary sewer and water lines.
- 7. Remove all trees and shrubs including trees on east and south sides of parcel. Tree stumps shall be ground to six (6) to eight (8) inches below grade.
- 8. Properly remove and dispose of all Regulated Asbestos Containing Materials (R.A.C.M.) found on-site.
- 9. Remove and replace approximately nine (9) squares of damaged public sidewalk per City of Kenosha's Department of Public Work's Detailed Specifications.
- 10. Grade and seed lot per specifications and Erosion Control Plan.

The above tasks are hereafter referred to as "WORK"



November 14, 2016

Mr. Mark Willing Purchasing Manager City of Kenosha- Department of Finance Municipal Building- Room 208 625 52<sup>nd</sup> Street Kenosha, Wisconsin 53140

Re: N

NESHAP Asbestos Survey at Multi-Family Residence 5805 23<sup>rd</sup> Avenue Kenosha, Wisconsin PSI Project No. 0054976

Dear Mr. Willing:

In accordance with our agreement dated May 15, 2012, Professional Service Industries, Inc. (PSI), has performed an Asbestos Survey of the above-referenced property to identify all Asbestos-Containing Materials (ACM) including Category I and Category II non-friable ACM. Below, please find a discussion of our survey and results.

#### **Facility Description**

The facility included in this National Emissions Standard for Hazardous Air Pollutants (NESHAPs) Asbestos Survey was a two-story, multi-family residential structure. The wood-framed structure included a full basement and attic. At the time of PSI's survey, the building was vacant.

#### **Survey Intent**

This asbestos survey was intended to meet the requirements of the NESHAP for Asbestos demolition or renovation. The survey included a thorough inspection of all areas of demolition or renovation. PSI's inspection team identified, quantified and assessed the condition of all Regulated Asbestos Containing Material (RACM), Category I non-friable ACM and Category II non-friable ACM. A hand pressure test was used to determine whether the material was friable.

Representative samples were collected and submitted to an accredited laboratory for analysis by Polarized Light Microscopy. Reports of Analysis are attached along with Chain of Custody documentation, Bulk Sample Logs, Site Layout Diagrams, and Inspector and Laboratory Certifications.

#### **Findings**

Asbestos-containing materials were discovered during this asbestos survey. Assumed asbestos-containing materials were identified and included electrical boxes. The table below details the findings of this survey.

**Table 1-Asbestos Containing Materials** 

Material Description	Locations in Facility	Total Quantity	RACM, Cat. I or Cat. II	Friable (Y/N)	Condition
Panel Mastic - Black	Room 01	400 SF	Cat. II	N	Good
12" x 12" Brown Floor Tile (Mastic Negative)	Room 104 (2 <sup>rd</sup> Layer)	180 SF	Cat. I	N	Good
12" x 12" Cream Floor Tile (Mastic Negative)	Room 201 and 202 (Bottom Layer in 202)	150 SF	Cat. I	N	Good
Exterior Window Caulk - Beige	Exterior	31 SF (31 Windows)	Cat. I	N	Good
Exterior Door Caulk - White	Exterior	2 SF (2 Doors)	Cat. I	N	Good
Exterior Door Caulk - Beige	Exterior	2 SF (2 Doors)	Cat. I	N	Good
Exterior Window Pane Glazing - Gray	Exterior	31 SF (31 Windows)	RACM	Y	Poor
Roof Flashing	Roof	25 SF	Cat. I	N	Good
Electrical Boxes (Assumed Transite Components)	Room 03	1 Box	RACM	N	Good

SF=Square Feet EA=Each

#### Warranty

The information contained in this report is based upon the data furnished by the Client and observations and test results provided by PSI. These observations and results are time dependent, are subject to changing site conditions, and revisions to Federal, State and local regulations.

PSI warrants that these findings have been promulgated after being prepared in general accordance with generally accepted practices in the asbestos industry. PSI also recognizes that raw laboratory test data are not usually sufficient to make all abatement and management decisions.

As directed by the client, PSI did not provide any service to investigate or detect the presence of moisture, mold or other biological contaminates in or around any structure, or any service that was designed or intended to prevent or lower the risk of the occurrence of the amplification of the same. Client acknowledges that mold is ubiquitous to the environment with mold amplification occurring when building materials are impacted by moisture. Client further acknowledges that site conditions are outside of PSI's control, and that mold amplification will

NESHAP Asbestos Survey Residence-5805 23<sup>rd</sup> Ave. - Kenosha, WI PSI Project No. 0054976 likely occur, or continue to occur, in the presence of moisture. As such, PSI cannot and shall not be held responsible for the occurrence or recurrence of mold amplification.

This report was prepared pursuant to the contract PSI has with the City of Kenosha. That contractual relationship included an exchange of information about the subject site that was unique and between PSI and its client and serves as the basis upon which this report was prepared. Because of the importance of the communication between PSI and its client, reliance or any use of this report by anyone other than the City of Kenosha, for whom it was prepared, is prohibited and therefore not foreseeable to PSI.

Reliance or use by any such third party without explicit authorization in the report does not make said third party a third party beneficiary to PSI's contract with the City of Kenosha. Any such unauthorized reliance on or use of this report, including any of its information or conclusions, will be at third party's risk. For the same reasons, no warranties or representations, expressed or implied in this report, are made to any such third party.

No other warranties are implied or expressed.

#### **Unidentifiable Conditions**

This report is necessarily limited to the conditions observed and to the information available at the time of the work. Due to the nature of the work, there is a possibility that there may exist conditions which could not be identified within the scope of work or which were not apparent at the time of our site work. This report is also limited to information available from the client at the time it was conducted. The report may not represent all conditions at the subject site as it only reflects the information gathered from specific locations.

Thank you for choosing PSI as your consultant for this project. If you have any questions, or if we can be of additional service, please call us at 262.521.2125.

Respectfully submitted,

PROFESSIONAL SERVICE INDUSTRIES, INC.

Mike Larsen

WI Asbestos Inspector #AI-13850

Michael Tjaden Principal Consultant

#### **Appendices**

- A. Report of Bulk Sample Analysis for Asbestos/Chain of Custody
- B. Asbestos Bulk Sample Log
- C. Site Layout Drawings
- D. Inspector & Company Certifications

NESHAP Asbestos Survey Residence-5805 23<sup>rd</sup> Ave. - Kenosha, WI PSI Project No. 0054976



November 9, 2016

PS<sub>I</sub> 821 Corporate Ct. Waukesha, WI 53189

CLIENT PROJECT: **CEI LAB CODE:** 

City of Kenosha @ 5805 23rd Ave.: House (Bag # 1); 0054976

A16-9524

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on November 7, 2016. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

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

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

Kind Regards,

Tianbao Bai, Ph.D., CIH

**Laboratory Director** 





# ASBESTOS ANALYTICAL REPORT By: Polarized Light Microscopy

## Prepared for

## **PSI**

CLIENT PROJECT: City of Kenosha @ 5805 23rd Ave.: House (Bag # 1);

0054976

CEI LAB CODE: A16-9524

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

REPORT DATE: 11/09/16

TOTAL SAMPLES ANALYZED: 127

# SAMPLES >1% ASBESTOS: 19

TEL: 866-481-1412

www.ceilabs.com



PROJECT: City of Kenosha @ 5805 23rd Ave.: House CEI LAB CODE: A16-9524 (Bag # 1); 0054976

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

Client ID	Layer Lab ID	Color	Sample Description	ASBESTOS %
1	A2260367	Black	Mpm	Chrysotile 3%
2	A2260368	Black	Mpm	Chrysotile 3%
3	A2260369	Black	Mpm	Chrysotile 3%
4	A2260370	Black,Tan	Mfri	None Detected
5	A2260371	Black, Tan	Mfri	None Detected
6	A2260372	Black,Tan	Mfri	None Detected
7	A2260373	Gray	Mfp	None Detected
8	A2260374	Gray	Mfp	None Detected
9	A2260375	Gray	Mfp	None Detected
10	A2260376	Tan,Green	MB	None Detected
11	A2260377	Tan	MB	None Detected
12	A2260377	Red	MB	None Detected
13	A2260379	Gray	Mbm	None Detected
13	A2260380	Gray	Mbm	None Detected
	A2260380 A2260381	Gray,Green	Mbm	None Detected
15 16	A2260381	Gray, White	Mcb	None Detected
17	A2260383	Gray, White	Mcb	None Detected
	A2260383	Gray,White	Mcb	None Detected
18	A2260385	Gray,White	Mcbm	None Detected
19	A2260386	Gray,White	Mcbm	None Detected
20	A2260387	Gray, White	Mcbm	None Detected
21	A2260388	***************************************	Mctm	None Detected
22		Gray	Mctm	None Detected
23	A2260389	Tan	Mctm	None Detected  None Detected
24	A2260390	Tan		None Detected
25	A2260391	Tan	Mctg	None Detected
26	A2260392	Off-white	Motg	None Detected  None Detected
27	A2260393	Off-white	Mctg	
28	A2260394	Green	Mpm2	None Detected
29	A2260395	Green	Mpm2	None Detected
30	A2260396	Green	Mpm2	None Detected
31	A2260397	Green,White	Mwc	None Detected

Page 1 of 6



PROJECT: City of Kenosha @ 5805 23rd Ave.: House CEI LAB CODE: A16-9524 (Bag # 1); 0054976

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
32	<b>E87.9</b> 0	A2260398	Green,White	Mwc	None Detected
33		A2260399	Off-white,White	Mwc	None Detected
34		A2260400	Off-white	Mwr	None Detected
35		A2260401	Off-white	Mwr	None Detected
36		A2260402	Off-white	Mwr	None Detected
37		A2260403A	Off-white	Mf12w	None Detected
		A2260403B	Clear	Mf12w	None Detected
38		A2260404A	Off-white	Mf12w	None Detected
		A2260404B	Clear	Mf12w	None Detected
39		A2260405A	Off-white	Mf12w	None Detected
		A2260405B	Clear	Mf12w	None Detected
40	N	A2260406A	Tan	Mf12n	None Detected
		A2260406B	Yellow	Mf12n	None Detected
41		A2260407A	Tan	Mf12n	None Detected
		A2260407B	Yellow	Mf12n	None Detected
42		A2260408A	Tan	Mf12n	Chrysotile 2%
		A2260408B	Yellow	Mf12n	None Detected
43		A2260409A	Tan	Mf12t	None Detected
	Layer 1	A2260409B	Brown	Mf12t	None Detected
	Layer 2	A2260409B	Black	Mf12t	None Detected
44		A2260410A	Tan	Mf12t	None Detected
	Layer 1	A2260410B	Brown	Mf12t	None Detected
	Layer 2	A2260410B	Black	Mf12t	None Detected
45		A2260411A	Tan	Mf12t	None Detected
	Layer 1	A2260411B	Brown	Mf12t	None Detected
	Layer 2	A2260411B	Black	Mf12t	None Detected
46		A2260412	Black	Mbrm	None Detected
47		A2260413	Black	Mbrm	None Detected
48		A2260414	Black	Mbrm	None Detected
49		A2260415	Tan	Mtsm	None Detected
50		A2260416	Tan	Mtsm	None Detected

Page 2 of 6



PROJECT: City of Kenosha @ 5805 23rd Ave.: House CEI LAB CODE: A16-9524

(Bag # 1); 0054976

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
51		A2260417	Tan	Mtsm	None Detected
52		A2260418	Off-white, Tan	Mdwc	None Detected
53		A2260419	Off-white,Tan	Mdwc	None Detected
54		A2260420	Off-white,Tan	Mdwc	None Detected
55		A2260421	Tan,Black	Mptm	None Detected
56		A2260422	Tan,Black	Mptm	None Detected
57		A2260423	Tan,Black	Mptm	None Detected
58		A2260424A	Tan	Mstt	None Detected
	Layer 1	A2260424B	Yellow	Mstt	None Detected
	Layer 2	A2260424B	Black	Mstt	None Detected
	Layer 3	A2260424B	Brown	Mstt	None Detected
59		A2260425A	Tan	Mstt	None Detected
	Layer 1	A2260425B	Yellow	Mstt	None Detected
	Layer 2	A2260425B	Black	Mstt	None Detected
	Layer 3	A2260425B	Brown	Mstt	None Detected
60		A2260426A	Tan	Mstt	None Detected
	Layer 1	A2260426B	Black	Mstt	None Detected
	Layer 2	A2260426B	Black	Mstt	None Detected
	Layer 3	A2260426B	Brown	Mstt	None Detected
61		A2260427A	Gray	Mf12c	Chrysotile 5%
	Layer 1	A2260427B	Black	Mf12c	None Detected
	Layer 2	A2260427B	Black,Tan	Mf12c	None Detected
62		A2260428A	Gray	Mf12c	Chrysotile 5%
	Layer 1	A2260428B	Black	Mf12c	None Detected
	Layer 2	A2260428B	Black,Tan	Mf12c	None Detected
63		A2260429A	Gray	Mf12c	Chrysotile 5%
	Layer 1	A2260429B	Black	Mf12c	None Detected
	Layer 2	A2260429B	Black,Tan	Mf12c	None Detected
64		A2260430A	Beige,Off-white	e Mf12ye	None Detected
		A2260430B	Clear	Mf12ye	None Detected
65		A2260431A	Beige,Off-white	e Mf12ye	None Detected

Page 3 of 6



PROJECT: City of Kenosha @ 5805 23rd Ave.: House CEI LAB CODE: A16-9524

(Bag # 1); 0054976

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

Client ID	Layer	Lab ID	Golor	Sample Description	ASBESTOS %
	e de la composición	A2260431B	Clear	Mf12ye	None Detected
66		A2260432A	Beige,Off-whit	e Mf12ye	None Detected
		A2260432B	Clear	Mf12ye	None Detected
67		A2260433	Tan,Black	Mctm2	None Detected
68		A2260434	Tan,Black	Mctm2	None Detected
69		A2260435	Tan,Black	Mctm2	None Detected
70		A2260436	Tan	Mctg2	None Detected
71		A2260437	Tan	Mctg2	None Detected
72		A2260438	Tan	Mctg2	None Detected
73		A2260439	White	Mpm3	None Detected
74		A2260440	White	Mpm3	None Detected
75		A2260441	White	Mpm3	None Detected
76		A2260442A	Gray,White	Mf12wk	None Detected
		A2260442B	Clear	Mf12wk	None Detected
77		A2260443A	Gray,White	Mf12wk	None Detected
		A2260443B	Clear	Mf12wk	None Detected
78		A2260444A	Gray,White	Mf12wk	None Detected
A A		A2260444B	Clear	Mf12wk	None Detected
79		A2260445	Black,Red	Mfps	None Detected
80		A2260446	Black,Red	Mfps	None Detected
81	Victoria de la Constitución de l	A2260447	Black,Red	Mfps	None Detected
82	Notes de la composition della	A2260448	White	Mwce	None Detected
83		A2260449	White	Mwce	None Detected
84		A2260450	White	Mwce	None Detected
85		A2260451	Tan	Mwce2	Chrysotile 3%
86		A2260452	Tan	Mwce2	Chrysotile 3%
87		A2260453	Tan	Mwce2	Chrysotile 3%
88	Layer 1	A2260454	White,Gray	Mdce	None Detected
	Layer 2	A2260454	Tan	Mdce	Chrysotile 3%
89	Layer 1	A2260455	White,Gray	Mdce	None Detected
	Layer 2	A2260455	Tan	Mdce	Chrysotile 3%

Page 4 of 6



PROJECT: City of Kenosha @ 5805 23rd Ave.: House CEI LAB CODE: A16-9524 (Bag # 1); 0054976

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

Cilent ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
90	Layer 1	A2260456	White,Gray	Mdce	None Detected
	Layer 2	A2260456	Tan	Mdce	Chrysotile 3%
91		A2260457	Tan	Mdce2	Chrysotile 3%
92		A2260458	Tan	Mdce2	Chrysotile 3%
93		A2260459	Tan	Mdce2	Chrysotile 3%
94		A2260460	Off-white,Tan	Mpge	Chrysotile <1%
95		A2260461	Tan,White	Mpge	Chrysotile 2%
96		A2260462	Off-white,White	Mpge	None Detected
97		A2260463	Black,Gray	Mrs1	None Detected
98		A2260464	Black,Gray	Mrs1	None Detected
99		A2260465	Black,Gray	Mrs1	None Detected
100		A2260466	Black	Mrs2	None Detected
101		A2260467	Black	Mrs2	None Detected
102		A2260468	Black	Mrs2	None Detected
103		A2260469	Black	Mrs3	None Detected
104		A2260470	Black	Mrs3	None Detected
105		A2260471	Black	Mrs3	None Detected
106		A2260472	Black,Red	Mrs4	None Detected
107		A2260473	Black,Red	Mrs4	None Detected
108		A2260474	Black,Red	Mrs4	None Detected
109		A2260475	Black	Mrf	Chrysotile 5%
110		A2260476	Black	Mrf	Chrysotile 5%
111		A2260477	Black	Mrf	None Detected
112		A2260478	Black	Mrtp	None Detected
113		A2260479	Black	Mrtp	None Detected
114		A2260480	Black	Mrtp	None Detected
115	Layer 1	A2260481	White	Sp1	None Detected
	Layer 2	A2260481	Green,Gray	Sp1	None Detected
116	Layer 1	A2260482	White	Sp1	None Detected
	Layer 2	A2260482	White	Sp1	None Detected
	Layer 3	A2260482	Gray	Sp1	None Detected

Page 5 of 6



PROJECT: City of Kenosha @ 5805 23rd Ave.: House CEI LAB CODE: A16-9524

(Bag # 1); 0054976

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

GlientID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
117	Layer 1	A2260483	White	Sp1	None Detected
	Layer 2	A2260483	White	Sp1	None Detected
118	Layer 1	A2260484	White	Sp3	None Detected
	Layer 2	A2260484	Gray	Sp3	None Detected
119	Layer 1	A2260485	White	Sp3	None Detected
	Layer 2	A2260485	Gray	Sp3	None Detected
120	Layer 1	A2260486	White	Sp3	None Detected
	Layer 2	A2260486	Gray	Sp3	None Detected
121	Layer 1	A2260487	White	Sp2	None Detected
	Layer 2	A2260487	Gray	Sp2	None Detected
122	Layer 1	A2260488	White,Brown	Sp2	None Detected
	Layer 2	A2260488	Gray	Sp2	None Detected
123	Layer 1	A2260489	White	Sp2	None Detected
	Layer 2	A2260489	Gray	Sp2	None Detected
124		A2260490	Gray	Sp2	None Detected
125		A2260491	Gray,White	Sp2	None Detected
126		A2260492	Gray,White	Sp2	None Detected
127		A2260493	Gray,White	\$p2/	None Detected

Page 6 of 6



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A16-9524

Date Received: 11-07-16
Date Analyzed: 11-07-16
Date Reported: 11-09-16

Project: City of Kenosha @ 5805 23rd Ave.: House (Bag # 1); 0054976

### ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab .	Lab	NO	N-ASBESTOS C	OMPO	NENTS	ASBESTOS
Lab ID	Description	Attributes	Fibr	ous	Non-l	ibrous	- %
<b>1</b> A2260367	Mpm	Homogeneous Black Non-fibrous Bound	<1%	Talc	95% 2%	Mastic Silicates	3% Chrysotile
<b>2</b> A2260368	Mpm	Homogeneous Black Non-fibrous Bound	<1%	Talc	95% 2%	Mastic Silicates	3% Chrysotile
<b>3</b> A2260369	Mpm	Homogeneous Black Non-fibrous Bound	<1%	Talc	95% 2%	Mastic Silicates	3% Chrysotile
<b>4</b> A2260370	Mfri	Heterogeneous Black,Tan Fibrous Bound	50% 20%	Cellulose Minerał Wool	30%	Tar	None Detected
<b>5</b> A2260371	Mfri	Heterogeneous Black,Tan Fibrous Bound	50% 20%	Cellulose Mineral Wool	30%	Tar	None Detected
<b>6</b> A2260372	Mfri	Heterogeneous Black,Tan Fibrous Bound	50% 20%	Cellulose Mineral Wool	30%	Tar	None Detected
<b>7</b> A2260373	Mfp	Homogeneous Gray Non-fibrous Bound			90% 10%	Binder Silicates	None Detected

Page 1 of 26



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A16-9524

Date Received: 11-07-16

**Date Analyzed:** 11-07-16 **Date Reported:** 11-09-16

**Project:** City of Kenosha @ 5805 23rd Ave.: House (Bag # 1); 0054976

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBESTOS COMPO		ASBESTOS
Lab ID	Description	Attributes	Fibrous Non-	Fibrous	%
8	Mfp	Homogeneous	90%	Binder	None Detected
A2260374		Gray	10%	Silicates	
		Non-fibrous			
		Bound			
9	Mfp	Homogeneous	90%	Binder	None Detected
A2260375		Gray	10%	Silicates	
		Non-fibrous			
		Bound			
10	MB	Heterogeneous	90%	Binder	None Detected
A2260376		Tan,Green	10%	Silicates	
		Non-fibrous	<1%	Paint	
		Tightly Bound			
11	MB	Homogeneous	90%	Binder	None Detected
A2260377		Tan	10%	Silicates	
		Non-fibrous			
		Tightly Bound			
12	МВ	Homogeneous	90%	Binder	None Detected
A2260378		Red	10%	Silicates	
		Non-fibrous			
		Tightly Bound			
13	Mbm	Homogeneous	65%	Binder	None Detected
A2260379		Gray	35%	Silicates	
		Non-fibrous			
		Tightly Bound			
14	Mbm	Homogeneous	65%	Binder	None Detected
A2260380		Gray	35%	Silicates	
		Non-fibrous			
		Tightly Bound			



By: POLARIZING LIGHT MICROSCOPY

Client:

PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A16-9524

Date Received: 11-07-16

Date Analyzed: 11-07-16 Date Reported: 11-09-16

**Project:** City of Kenosha @ 5805 23rd Ave.: House (Bag # 1); 0054976

### ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBEST	os compo	NENTS	ASBESTOS
Lab ID	Description	Attributes	Fibrous	Non-l	Ibrous	%
15	Mbm	Heterogeneous		63%	Binder	None Detected
A2260381		Gray,Green		35%	Silicates	
		Non-fibrous		2%	Paint	
		Tightly Bound				
16	Mcb	Heterogeneous		63%	Binder	None Detected
A2260382		Gray,White		35%	Silicates	
		Non-fibrous		2%	Paint	
		Tightly Bound				
17	Mcb	Heterogeneous		63%	Binder	None Detected
A2260383		Gray,White		35%	Silicates	
		Non-fibrous		2%	Paint	
		Tightly Bound				
18	Mcb	Heterogeneous		63%	Binder	None Detected
A2260384		Gray,White		35%	Silicates	
		Non-fibrous		2%	Paint	
		Tightly Bound				
19	Mcbm	Heterogeneous	V V V V V V V V V V V V V V V V V V V	63%	Binder	None Detected
A2260385		Gray,White		35%	Silicates	
		Non-fibrous		2%	Paint	
		Tightly Bound				
20	Mcbm	Heterogeneous		63%	Binder	None Detected
A2260386		Gray,White		35%	Silicates	
		Non-fibrous		2%	Paint	
		Tightly Bound				
21	Mcbm	Heterogeneous		63%	Binder	None Detected
A2260387		Gray,White		35%	Silicates	
		Non-fibrous		2%	Paint	
		Tightly Bound				

Page 3 of 26



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A16-9524

Date Received: 11-07-16
Date Analyzed: 11-07-16
Date Reported: 11-09-16

Project: City of Kenosha @ 5805 23rd Ave.: House (Bag # 1); 0054976

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASB	ESTOS COMPO	NENTS	ASBESTOS
Lab ID	Description	Attributes	Fibrous	Non-l	Fibrous	%
<b>22</b> A2260388	Metm	Homogeneous Gray Non-fibrous Tightly Bound		65% 35%	Binder Silicates	None Detected
<b>23</b> A2260389	Mctm	Homogeneous Tan Non-fibrous Tightly Bound		65% 35%	Binder Silicates	None Detected
<b>24</b> A2260390	Metm	Homogeneous Tan Non-fibrous Tightly Bound		65% 35%	Binder Silicates	None Detected
<b>25</b> A2260391	Mctg	Homogeneous Tan Non-fibrous Tightly Bound		65% 35%	Binder Silicates	None Detected
<b>26</b> A2260392	Mctg	Homogeneous Off-white Non-fibrous Tightly Bound		65% 35%	Binder Silicates	None Detected
<b>27</b> A2260393	Mctg	Homogeneous Off-white Non-fibrous Tightly Bound		65% 35%	Binder Silicates	None Detected
<b>28</b> A2260394	Mpm2	Homogeneous Green Non-fibrous Tightly Bound	3% Cellu	llose 95% 2%	Mastic Silicates	None Detected

Page 4 of 26



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A16-9524

**Date Received:** 11-07-16 **Date Analyzed:** 11-07-16 **Date Reported:** 11-09-16

Project: City of Kenosha @ 5805 23rd Ave.: House (Bag # 1); 0054976

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes		N-ASBESTOS ous		NENTS Fibrous	ASBESTOS %
<b>29</b> A2260395	Mpm2	Homogeneous Green Non-fibrous Tightly Bound	3%	Cellulose	95% 2%	Mastic Silicates	None Detected
<b>30</b> A2260396	Mpm2	Homogeneous Green Non-fibrous Tightly Bound	3%	Cellulose	95% 2%	Mastic Silicates	None Detected
<b>31</b> A2260397	Mwc	Heterogeneous Green,White Non-fibrous Bound	<1%	Wollastonite	90% 10% <1%	Caulk Paint Silicates	None Detected
<b>32</b> A2260398	Mwc	Heterogeneous Green,White Non-fibrous Bound	<1%	Wollastonite	90% 10% <1%	Caulk Paint Silicates	None Detected
<b>33</b> A2260399	Mwc	Heterogeneous Off-white,White Non-fibrous Bound	<1%	Wollastonite	90% 10% <1%	Caulk Paint Silicates	None Detected
<b>34</b> A2260400	Mwr	Heterogeneous Off-white Fibrous Bound	95%	Cellulose	5%	Paint	None Detected
<b>35</b> A2260401	Mwr	Heterogeneous Off-white Fibrous Bound	95%	Cellulose	5%	Paint	None Detected



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A16-9524

**Date Received:** 11-07-16 **Date Analyzed:** 11-07-16

Date Reported: 11-09-16

Project: City of Kenosha @ 5805 23rd Ave.: House (Bag # 1); 0054976

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBESTO	S COMPONENTS	ASBESTOS
Lab ID	Description	Attributes	Fibrous	Non-Fibrous	<u>%</u>
<b>36</b> A2260402	Mwr	Heterogeneous Off-white Fibrous Bound	95% Cellulose	5% Paint	None Detected
<b>37</b> A2260403A	Mf12w	Homogeneous Off-white Non-fibrous Bound		100% Vinyl	None Detected
A2260403B	Mf12w	Homogeneous Clear Non-fibrous Bound		100% Mastic <1% Silicates	None Detected
<b>38</b> A2260404A	Mf12w	Homogeneous Off-white Non-fibrous Bound		100% Vinyl	None Detected
A2260404B	Mf12w	Homogeneous Clear Non-fibrous Bound		100% Mastic <1% Silicates	None Detected
<b>39</b> A2260405A	Mf12w	Homogeneous Off-white Non-fibrous Bound	-	100% Vinyl	None Detected
A2260405B	Mf12w	Homogeneous Clear Non-fibrous Bound		100% Mastic <1% Silicates	None Detected

Page 6 of 26



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A16-9524

Date Received: 11-07-16

**Date Analyzed:** 11-07-16 **Date Reported:** 11-09-16

Project: City of Kenosha @ 5805 23rd Ave.: House (Bag # 1); 0054976

### ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBEST	OS COMPONENTS	ASBESTOS
Lab ID	Description	Attributes	Fibrous	Non-Fibrous	%
<b>40</b> A2260406A	Mf12n	Homogeneous Tan Non-fibrous Bound		100% Vinyl	None Detected
A2260406B	Mf12n	Homogeneous Yellow Non-fibrous Bound		100% Mastic <1% Silicates	None Detected
<b>41</b> A2260407A	Mf12n	Homogeneous Tan Non-fibrous Bound		100% Vinyl	None Detected
A2260407B	Mf12n	Homogeneous Yellow Non-fibrous Bound		100% Mastic <1% Silicates	None Detected
<b>42</b> A2260408A	Mf12n	Homogeneous Tan Non-fibrous Bound		98% Vinyl	2% Chrysotile
A2260408B	Mf12n	Homogeneous Yellow Non-fibrous Bound		100% Mastic <1% Silicates	None Detected
<b>43</b> A2260409A	Mf12t	Homogeneous Tan Non-fibrous Bound	A PARAMETER SERVICE SE	100% Vinyl	None Detected



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A16-9524

Date Received: 11-07-16
Date Analyzed: 11-07-16
Date Reported: 11-09-16

Project: City of Kenosha @ 5805 23rd Ave.: House (Bag # 1); 0054976

ASBEST	<b>OS</b>	BULF	( PLN	1, EPA	600	ME	HOD	
AJACONE SUPONO DE COMPONIO	United State	NEW YORK THE PARTY	name of the second	analysis (1905)	See State of the		mercuj kadsi	į

Client ID Lab ID	Láb Description	Lab Attributes	NON-ASBESTO Fibrous	S COMPONENTS Non-Fibrous	ASBESTOS %
Layer 1 A2260409B	Mf12t	Homogeneous Brown Non-fibrous Bound		100% Mastic <1% Silicates	None Detected
Layer 2 A2260409B	Mf12t	Homogeneous Black Fibrous Bound	65% Cellulose	35% Tar	None Detected
<b>44</b> A2260410A	Mf12t	Homogeneous Tan Non-fibrous Bound		100% Vinyl	None Detected
Layer 1 A2260410B	Mf12t	Homogeneous Brown Non-fibrous Bound		100% Mastic <1% Silicates	None Detected
Layer 2 A2260410B	Mf12t	Homogeneous Black Fibrous Bound	65% Cellulose	35% Tar	None Detected
<b>45</b> A2260411A	Mf12t	Homogeneous Tan Non-fibrous Bound		100% Vinyl	None Detected
Layer 1 A2260411B	Mf12t	Homogeneous Brown Non-fibrous Bound		100% Mastic <1% Silicates	None Detected

Page 8 of 26



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A16-9524

Date Received: 11-07-16 Date Analyzed: 11-07-16 Date Reported: 11-09-16

Project: City of Kenosha @ 5805 23rd Ave.: House (Bag # 1); 0054976

### ASBESTOS BULK PLM. EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NOI Fibr	N-ASBESTOS ous		NENTS Fibrous	ASBESTOS %
Layer 2 A2260411B	Mf12t	Homogeneous Błack Fibrous Bound	65%	Cellulose	35%	Tar	None Detected
<b>46</b> A2260412	Mbrm	Homogeneous Black Fibrous Bound	10% 5%	Cellulose Fiberglass	65% 10% 10%	Binder Cork Silicates	None Detected
<b>47</b> A2260413	Mbrm	Homogeneous Black Fibrous Bound	10% 5%	Cellulose Fiberglass	65% 10% 10%	Binder Cork Silicates	None Detected
<b>48</b> A2260414	Mbrm	Homogeneous Black Fibrous Bound	10% 5%	Cellulose Fiberglass	65% 10% 10%	Binder Cork Silicates	None Detected
<b>49</b> A2260415	Mtsm	Homogeneous Tan Fibrous Bound	<1%	Cellulose	95% 5%	Mastic Silicates	None Detected
<b>50</b> A2260416	Mtsm	Homogeneous Tan Fibrous Bound	<1%	Cellulose	95% 5%	Mastic Silicates	None Detected
<b>51</b> A2260417	Mtsm	Homogeneous Tan Fibrous Bound	<1%	Cellulose	95% 5%	Mastic Silicates	None Detected

Page 9 of 26



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A16-9524

**Date Received:** 11-07-16 **Date Analyzed:** 11-07-16 **Date Reported:** 11-09-16

Project: City of Kenosha @ 5805 23rd Ave.: House (Bag # 1); 0054976

ASRESTOS	RA CDA	COO M	IETHOD.

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS				ASBESTOS
Lab ID	Description	Attributes	Fibr	ous	Non-F	Ibrous	- %
<b>52</b> A2260418	Mdwc	Heterogeneous Off-white,Tan Fibrous Bound	20% 5%	Cellulose Fiberglass	65% 10%	Gypsum Calc Carb	None Detected
<b>53</b> A2260419	Mdwc	Heterogeneous Off-white,Tan Fibrous Bound	20% 5%	Cellutose Fiberglass	65% 10%	Gypsum Calc Carb	None Detected
<b>54</b> A2260420	Mdwc	Heterogeneous Off-white,Tan Fibrous Bound	20% 5%	Cellulose Fiberglass	65% 10%	Gypsum Calc Carb	None Detected
<b>55</b> A2260421	Mptm	Heterogeneous Tan,Black Fibrous Bound	5% <1%	Cellulose Talc	80% 10% 5%	Mastic Tar Silicates	None Detected
<b>56</b> A2260422	Mptm	Heterogeneous Tan,Black Fibrous Bound	5% <1%	Cellulose Talc	80% 10% 5%	Mastic Tar Silicates	None Detected
<b>57</b> A2260423	Mptm	Heterogeneous Tan,Black Fibrous Bound	5% <1%	Cellulose Talc	80% 10% 5%	Mastic Tar Silicates	None Detected
<b>58</b> A2260424A	Mstt	Homogeneous Tan Fibrous Bound			100%	Vinyl	None Detected

Page 10 of 26



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A16-9524

Date Received: 11-07-16 Date Analyzed: 11-07-16 Date Reported: 11-09-16

Project: City of Kenosha @ 5805 23rd Ave.: House (Bag # 1); 0054976

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	107	N-ASBESTOS ous		NENTS Fibrous	ASBESTOS
Layer 1 A2260424B	Mstt	Homogeneous Yellow Fibrous Bound	3%	Cellulose	95% 2%	Mastic Silicates	None Detected
Layer 2 A2260424B	Mstt	Homogeneous Black Fibrous Bound	65%	Cellulose	35%	Tar	None Detected
Layer 3 A2260424B	Mstt	Homogeneous Brown Fibrous Bound	5%	Cellulose	95% <1%	Mastic Silicates	None Detected
<b>59</b> A2260425A	Mstt .	Homogeneous Tan Fibrous Bound			100%	Vinyl	None Detected
Layer 1 A2260425B	Mstt	Homogeneous Yellow Fibrous Bound	3%	Cellulose	95% 2%	Mastic Silicates	None Detected
Layer 2 A2260425B	Mstt	Homogeneous Black Fibrous Bound	65%	Cellulose	35%	Tar	None Detected
Layer 3 A2260425B	Mstt	Homogeneous Brown Fibrous Bound	5%	Cellulose	95% <1%	Mastic Silicates	None Detected



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A16-9524

Date Received: 11-07-16
Date Analyzed: 11-07-16
Date Reported: 11-09-16

Project: City of Kenosha @ 5805 23rd Ave.: House (Bag # 1); 0054976

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description Mstt	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous Non-Fibrous				ASBESTOS %
<b>60</b> A2260426A		Homogeneous Tan Fibrous Bound			100%	Vinyl	None Detected
Layer 1 A2260426B	Mstt	Homogeneous Black Fibrous Bound	3%	Cellulose	95% 2%	Mastic Silicates	None Detected
Layer 2 A2260426B	Mstt	Homogeneous Black Fibrous Bound	65%	Cellulose	35%	Tar	None Detected
Layer 3 A2260426B	Mstt	Homogeneous Brown Fibrous Bound	5%	Cellulose	95% <1%	Mastic Silicates	None Detected
<b>61</b> A2260427A	Mf12c	Homogeneous Gray Fibrous Bound			95%	Vinyl	5% Chrysotile
Layer 1 A2260427B	Mf12c	Homogeneous Black Fibrous Bound	5%	Cellulose	95%	Mastic	None Detected
Layer 2 A2260427B	Mf12c	Heterogeneous Black,Tan Fibrous Bound	75%	Cellulose	25%	Tar	None Detected



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A16-9524

Date Received: 11-07-16 Date Analyzed: 11-07-16 Date Reported: 11-09-16

Project: City of Kenosha @ 5805 23rd Ave.: House (Bag # 1); 0054976

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description Mf12c	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous Non-Fibrous				ASBESTOS %
<b>62</b> A2260428A		Homogeneous Gray Fibrous Bound	Massellie val		95%	Vinyl	5% Chrysotile
Layer 1 A2260428B	Mf12c	Homogeneous Black Fibrous Bound	5%	Cellulose	95%	Mastic	None Detected
Layer 2 A2260428B	Mf12c	Heterogeneous Black,Tan Fibrous Bound	75%	Cellulose	25%	Tar	None Detected
<b>63</b> A2260429A	Mf12c	Homogeneous Gray Fibrous Bound			95%	Vinyl	5% Chrysotile
Layer 1 A2260429B	Mf12c	Homogeneous Błack Fibrous Bound	5%	Cellulose	95%	Mastic	None Detected
Layer 2 A2260429B	Mf12c	Heterogeneous Black,Tan Fibrous Bound	75%	Cellulose	25%	Tar	None Detected
<b>64</b> A2260430A	Mf12ye	Homogeneous Beige,Off-white Non-fibrous Bound		,	100%	Vinyl	None Detected

Page 13 of 26



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A16-9524

Date Received: 11-07-16
Date Analyzed: 11-07-16
Date Reported: 11-09-16

Project: City of Kenosha @ 5805 23rd Ave.: House (Bag # 1); 0054976

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID A2260430B	Lab Description Mf12ye	Lab	NO	N-ASBESTOS	ASBESTOS		
		Attributes	Flb	rous	Non-F	ibrous	- %
		Homogeneous Clear Fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
<b>65</b> A2260431A	Mf12ye	Homogeneous Beige,Off-white Non-fibrous Bound			100%	Vinyl	None Detected
A2260431B	Mf12ye	Homogeneous Clear Fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
<b>66</b> A2260432A	Mf12ye	Homogeneous Beige,Off-white Non-fibrous Bound			100%	Vinyl	None Detected
A2260432B	Mf12ye	Homogeneous Clear Fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
<b>67</b> A2260433	Mctm2	Heterogeneous Tan,Black Fibrous Bound	5%	Cellulose	90% 5%	Mastic Tar	None Detected
<b>68</b> A2260434	Mctm2	Heterogeneous Tan,Black Fibrous Bound	5%	Cellulose	90% 5%	Mastic Tar	None Detected

Page 14 of 26



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A16-9524

Date Received: 11-07-16

**Date Analyzed:** 11-07-16 **Date Reported:** 11-09-16

Project: City of Kenosha @ 5805 23rd Ave.: House (Bag # 1); 0054976

#### ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBESTOS	S COMPONE	NTS	ASBESTOS
Lab ID	Description	Attributes	Fibrous	Non-Fibr	ous	%
<b>69</b> A2260435	Mctm2	Heterogeneous Tan,Black Fibrous Bound	5% Cellulose		lastic ar	None Detected
<b>70</b> A2260436	Mctg2	Homogeneous Tan Non-fibrous Bound			inder ilicates	None Detected
<b>71</b> A2260437	Mctg2	Homogeneous Tan Non-fibrous Bound			inder ilicates	None Detected
<b>72</b> A2260438	Mctg2	Homogeneous Tan Non-fibrous Bound			inder ilicates	None Detected
<b>73</b> A2260439	Мрт3	Homogeneous White Non-fibrous Bound			lastic ilicates	None Detected
<b>74</b> A2260440	Мрт3	Homogeneous White Non-fibrous Bound			lastic ilicates	None Detected
<b>75</b> A2260441	Mpm3	Homogeneous White Non-fibrous Bound			lastic ilicates	None Detected

Page 15 of 26



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A16-9524

Date Received: 11-07-16
Date Analyzed: 11-07-16
Date Reported: 11-09-16

Project: City of Kenosha @ 5805 23rd Ave.: House (Bag # 1); 0054976

#### ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NOI Fibr	N-ASBESTOS ous	- 000 (100 (100 (100 (100 (100 (100 (100	VENTS Ibrous	ASBESTOS %
<b>76</b> A2260442A	Mf12wk	Homogeneous Gray,White Non-fibrous Bound			100% `	Vinyl	None Detected
A2260442B	Mf12wk	Homogeneous Clear Fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
<b>77</b> A2260443A	Mf12wk	Homogeneous Gray,White Non-fibrous Bound			100%	Vinyl	None Detected
A2260443B	Mf12wk	Homogeneous Clear Fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
<b>78</b> A2260444A	Mf12wk	Homogeneous Gray,White Non-fibrous Bound			100%	Vinyl	None Detected
A2260444B	Mf12wk	Homogeneous Clear Fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
<b>79</b> A2260445	Mfps	Heterogeneous Black,Red Fibrous Bound	35%	Cellulose	55% 10%	Tar Gravel	None Detected

Page 16 of 26



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A16-9524

Date Received: 11-07-16 Date Analyzed: 11-07-16 Date Reported: 11-09-16

Project: City of Kenosha @ 5805 23rd Ave.: House (Bag # 1); 0054976

#### ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NOI Fibr	N-ASBESTOS ous	ATTOMISTIC OF A STATE	NENTS Ibrous	ASBESTOS %
<b>80</b> A2260446	Mfps	Heterogeneous Black,Red Fibrous Bound	35%	Cellulose	55% 10%	Tar Gravel	None Detected
<b>81</b> A2260447	Mîps	Heterogeneous Black,Red Fibrous Bound	35%	Cellulose	55% 10%	Tar Gravel	None Detected
<b>82</b> A2260448	Mwce	Heterogeneous White Fibrous Bound	<1%	Talc	90% 5% 5%	Caulk Binder Paint	None Detected
<b>83</b> A2260449	Mwce	Heterogeneous White Fibrous Bound	<1%	Talc	90% 5% 5%	Caulk Binder Paint	None Detected
<b>84</b> A2260450	Mwce	Heterogeneous White Fibrous Bound	<1%	Talc	90% 5% 5%	Caulk Binder Paint	None Detected
<b>85</b> A2260451	Mwce2	Homogeneous Tan Fibrous Bound	<1%	Talc	92% 5%	Binder Silicates	3% Chrysotile
<b>86</b> A2260452	Mwce2	Homogeneous Tan Fibrous Bound	<1%	Talc	92% 5%	Binder Silicates	3% Chrysotile

Page 17 of 26



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A16-9524

**Date Received:** 11-07-16 **Date Analyzed:** 11-07-16

Date Reported: 11-09-16

Project: City of Kenosha @ 5805 23rd Ave.: House (Bag # 1); 0054976

Cilent ID	Lab	Lab	NOI	V-ASBEST	ASBESTOS		
Lab ID	Description	Attributes	Fibr	ous	Non-F	ibrous	% :
<b>87</b> A2260453	Mwce2	Homogeneous Tan Fibrous Bound	<1%	Talc	92% 5%	Binder Silicates	3% Chrysotile
<b>88</b> Layer 1 A2260454	Mdce	Heterogeneous White,Gray Non-fibrous Bound			98% 2%	Caulk Paint	None Detected
Layer 2 A2260454	Mdce	Homogeneous Tan · Fibrous Bound	<1%	Talc	92% 5%	Binder Silicates	3% Chrysotile
<b>89</b> Layer 1 A2260455	Mdce	Heterogeneous White,Gray Non-fibrous Bound			98% 2%	Caulk Paint	None Detected
Layer 2 A2260455	Mdce	Homogeneous Tan Fibrous Bound	<1%	Talc	92% 5%	Binder Silicates	3% Chrysotile
<b>90</b> Layer 1 A2260456	Mdce	Heterogeneous White,Gray Non-fibrous Bound			98% 2%	Caulk Paint	None Detected
Layer 2 A2260456	Mdce .	Homogeneous Tan Fibrous Bound	<1%	Talc	92% 5%	Binder Silicates	3% Chrysotile



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A16-9524

Date Received: 11-07-16 Date Analyzed: 11-07-16 Date Reported: 11-09-16

Project: City of Kenosha @ 5805 23rd Ave.: House (Bag # 1); 0054976

#### ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NO	N-ASBESTOS	COMPO	NENTS	ASBESTOS	
Lab ID	Description	Attributes	Fibr	ous	Non-l	ibrous	%	
<b>91</b> A2260457	Mdce2	Homogeneous Tan Fibrous Bound	<1%	Talc	92% 5%	Binder Silicates	3% Chrysotile	
<b>92</b> A2260458	Mdce2	Homogeneous Tan Fibrous Bound	<1%	Talc	92% 5%	Binder Silicates	3% Chrysotile	
<b>93</b> A2260459	Mdce2	Homogeneous Tan Fibrous Bound	<1%	Talc	92% 5%	Binder Silicates	3% Chrysotile	
<b>94</b> A2260460	Mpge	Heterogeneous Off-white,Tan Fibrous Bound	<1%	Cellulose	95% 5%	Binder Silicates	<1% Chrysotile	
<b>95</b> A2260461	Mpge	Heterogeneous Tan,White Fibrous Bound	<1%	Talc	88% 5% 5%	Binder Silicates Paint	2% Chrysotile	
<b>96</b> A2260462	Mpge	Heterogeneous Off-white,White Fibrous Bound	<1%	Talc	90% 5% 5%	Binder Silicates Paint	None Detected	
<b>97</b> A2260463	Mrs1	Heterogeneous Black,Gray Fibrous Bound	35%	Cellulose	55% 10%	Tar Gravel	None Detected	

Page 19 of 26



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A16-9524

**Date Received:** 11-07-16 **Date Analyzed:** 11-07-16

Date Reported: 11-09-16

Project: City of Kenosha @ 5805 23rd Ave.: House (Bag # 1); 0054976

#### ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NOI Fibr	N-ASBESTOS oùs		NENTS Fibrous	ASBESTOS %
<b>98</b> A2260464	Mrs1	Heterogeneous Black,Gray Fibrous Bound	35%	Cellulose	55% 10%	Tar Gravel	None Detected
<b>99</b> A2260465	Mrs1	Heterogeneous Black,Gray Fibrous Bound	35%	Cellulose	55% 10%	Tar Gravel	None Detected
<b>100</b> A2260466	Mrs2	Heterogeneous Black Fibrous Bound	35%	Cellulose	55% 10%	Tar Gravel	None Detected
<b>101</b> A2260467	Mrs2	Heterogeneous Błack Fibrous Bound	35%	Cellulose	55% 10%	Tar Gravel	None Detected
<b>102</b> A2260468	Mrs2	Heterogeneous Black Fibrous Bound	35%	Cellulose	55% 10%	Tar Gravel	None Detected
<b>103</b> A2260469	Mrs3	Heterogeneous Black Fibrous Bound	35%	Cellulose	55% 10%	Tar Gravel	None Detected
<b>104</b> A2260470	Mrs3	Heterogeneous Black Fibrous Bound	35%	Cellulose	55% 10%	Tar Gravel	None Detected

Page 20 of 26



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A16-9524

Date Received: 11-07-16
Date Analyzed: 11-07-16
Date Reported: 11-09-16

Project: City of Kenosha @ 5805 23rd Ave.: House (Bag # 1); 0054976

Client ID	Lab	Lab	NO	N-ASBESTOS	ASBESTOS		
Lab ID	Description	Attributes	Fibr	ous	Non-F	ibrous	%
<b>105</b> A2260471	Mrs3	Heterogeneous Black Fibrous Bound	35%	Cellulose	55% 10%	Tar Gravel	None Detected
<b>106</b> A2260472	Mrs4	Heterogeneous Black,Red Fibrous Bound	35%	Celluiose	55% 10%	Tar Gravel	None Detected
<b>107</b> A2260473	Mrs4	Heterogeneous Black,Red Fibrous Bound	35%	Cellulose	55% 10%	Tar Gravel	None Detected
<b>108</b> A2260474	Mrs4	Heterogeneous Black,Red Fibrous Bound	35%	Cellulose	55% 10%	Tar Gravel	None Detected
<b>109</b> A2260475	Mrf	Heterogeneous Black Fibrous Bound	<1%	Cellulose	95% <1%	Tar Silicates	5% Chrysotile
<b>110</b> A2260476	Mrf	Heterogeneous Black Fibrous Bound	<1%	Cellulose	95% <1%	Tar Silicates	5% Chrysotile
<b>111</b> A2260477	Mrf	Heterogeneous Black Fibrous Bound	<1%	Cellulose	100% <1%	Tar Silicates	None Detected



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A16-9524

Date Received: 11-07-16 Date Analyzed: 11-07-16 Date Reported: 11-09-16

Project: City of Kenosha @ 5805 23rd Ave.: House (Bag # 1); 0054976

#### ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes		N-ASBESTOS C ous	SUB-CLOUIS	NENTS Fibrous	ASBESTOS %
<b>112</b> A2260478	Mrtp	Heterogeneous Black Fibrous Bound	60% 5%	Cellulose Synthetic Fiber	30% · 5%	Tar Silicates	None Detected
<b>113</b> A2260479	Mrtp	Heterogeneous Black Fibrous Bound	60% 5%	Cellulose Synthetic Fiber	30% 5%	Tar Silicates	None Detected
<b>114</b> A2260480	Mrtp	Heterogeneous Black Fibrous Bound	60% 5%	Cellulose Synthetic Fiber	30% 5%	Tar Silicates	None Detected
<b>115</b> Layer 1 A2260481	Sp1	Heterogeneous White Non-fibrous Tightly Bound			95% 5%	Binder Silicates	None Detected
Layer 2 A2260481	Sp1	Heterogeneous Green,Gray Non-fibrous Tightly Bound			95% 5%	Binder Paint	None Detected
<b>116</b> Layer 1 A2260482	Sp1	Heterogeneous White Non-fibrous Bound			70% 25% 5%	Binder Paint Silicates	None Detected
Layer 2 A2260482	Sp1	Homogeneous White Non-fibrous Tightly Bound			95% 5%	Binder Silicates	None Detected

Page 22 of 26



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A16-9524

Date Received: 11-07-16 Date Analyzed: 11-07-16 Date Reported: 11-09-16

Project: City of Kenosha @ 5805 23rd Ave.: House (Bag # 1); 0054976

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBEST	Company and the last of the la	NENTS Fibrous	ASBESTOS %
Layer 3 A2260482	Sp1	Homogeneous Gray Non-fibrous Tightly Bound		65% 35%	Binder Silicates	None Detected
1 <b>7</b> .ayer 1 .2260483	Sp1	Heterogeneous White Non-fibrous Bound		70% 25% 5%	Binder Paint Silicates	None Detected
Layer 2 A2260483	Sp1	Homogeneous White Non-fibrous Tightly Bound		95% 5%	Binder Silicates	None Detected
118 _ayer 1 \2260484	Sp3	Heterogeneous White Non-fibrous Bound		95% 5%	Plaster Paint	None Detected
_ayer 2 A2260484	Sp3	Homogeneous Gray Non-fibrous Bound		65% 35%	Plaster Perlite	None Detected
1 <b>19</b> -ayer 1 \2260485	Sp3	Heterogeneous White Non-fibrous Bound		95% 5%	Plaster Paint	None Detected
Layer 2 A2260485	Sp3	Homogeneous Gray Non-fibrous Bound		65% 35%	Plaster Perlite	None Detected



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A16-9524

Date Received: 11-07-16 Date Analyzed: 11-07-16 Date Reported: 11-09-16

Project: City of Kenosha @ 5805 23rd Ave.: House (Bag # 1); 0054976

Client ID	Lab	Lab	NO	N-ASBESTOS (	ASBESTOS		
Lab ID	Description	Attributes	Fibr	ous	Non-l	ibrous	% %
<b>120</b> Layer 1 A2260486	Sp3	Heterogeneous White Non-fibrous Bound			95% 5%	Plaster Paint	None Detected
Layer 2 A2260486	Sp3	Homogeneous Gray Non-fibrous Bound			65% 35%	Plaster Perlite	None Detected
<b>121</b> Layer 1 A2260487	Sp2	Heterogeneous White Non-fibrous Bound	5%	Wollastonite	70% 20% 5%	Binder Paint Silicates	None Detected
Layer 2 A2260487	Sp2	Homogeneous Gray Fibrous Bound	2% <1%	Hair Cellulose	98%	Plaster	None Detected
<b>122</b> Layer 1 A2260488	Sp2	Heterogeneous White,Brown Non-fibrous Bound	5%	Wollastonite	70% 20% 5%	Binder Paint Silicates	None Detected
Layer 2 A2260488	Sp2	Homogeneous Gray Fibrous Bound	2% <1%	Hair Cellulose	98%	Plaster	None Detected
<b>123</b> Layer 1 A2260489	Sp2	Heterogeneous White Non-fibrous Bound	5%	Wollastonite	70% 20% 5%	Binder Paint Silicates	None Detected



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A16-9524

Date Received: 11-07-16
Date Analyzed: 11-07-16
Date Reported: 11-09-16

Project: City of Kenosha @ 5805 23rd Ave.: House (Bag # 1); 0054976

Člient ID Lab ID	Lab Description	Lab Attributes	NOI Fibr	N-ASBESTOS ous	P(5)231/45 P(4/4)	NENTS Fibrous	ASBESTOS %
Layer 2 A2260489	Sp2	Homogeneous Gray Fibrous Bound	2% <1%	Hair Cellulose	98%	Plaster	None Detected
<b>124</b> A2260490	Sp2	Homogeneous Gray Fibrous Bound	2% <1%	Hair Cellulose	98%	Plaster	None Detected
<b>125</b> A2260491	Sp2	Heterogeneous Gray,White Fibrous Bound	2% <1%	Hair Cellulose	93% 5%	Plaster Paint	None Detected
<b>126</b> A2260492	Sp2	Heterogeneous Gray,White Fibrous Bound	2% <1%	Hair Cellulose	93% 5%	Plaster Paint	None Detected
<b>127</b> A2260493	Sp2	Heterogeneous Gray,White Fibrous Bound	2% <1%	Hair Cellulose	93% 5%	Plaster Paint	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

**LIMIT OF DETECTION:** <1% by visual estimation

**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.

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. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

ANAIVET

- Malusham

APPROVED BY:

Tianbao Bai, Ph.D., CII Laboratory Director

NVLAP LAB CODE 101768-0

107 New Edition Court, Cary, NC 27511

Matthy Tochmuyy
Samples will be disposed of 30 days after analysis

# ASBESTOS A24 0867-CHAIN OF CUSTODY 1260493

	5									
107 New Edition Court, Cary,	NC 27511		CEI Lab Co	odet						
Tel: 866-481-1412; Fax: 919-	481-1442		CEI Lab J.C	), Range:						
COMPANY INFORMATION			PROJECT INFORMATION							
CEI CLIENT #;			Job Contac	et: )51	n Upd	ke				
Company: $PSI$ , $I$	nc	AND	Email/Tel: Same/Same Project Name: 5805 2304 Ave.: House							
Address: 871 Cor	porate Cour	+	Project Nar	ne: 587	totkeno	veri H	(1819#1) 2058			
Maylcesha,	ا المستراسين و و و ا	7	Project ID#		54976	-				
Email: Sim, updi	hea psivea	,000	PO#:							
1 7 3/8	Fax:/262)521		STATE SA	MPLES CO	OLLECTED	in: 1c//				
						on designation by the same Japanes	High to deal of the second			
	F <i>TAT IS NOT MARKE</i> I	ED STAND	ARD 3 DAY		College Assettante					
ASSESTACE					OUND TIME					
ASEESTOS	METHOD	4 HR	8 HR	24 HR	2 DAY	3 DAY	5 DAY			
PLM BULK	EPA 600		<u> </u>			<u> </u>	<u> </u>			
PLM POINT COUNT (400)	EPA 600		<u> </u>	<u> </u>	<u> </u>		<u></u>			
PLM POINT COUNT (1000)	EPA 600		<del>-                                    </del>		<u> </u>		البا			
PLM GRAV w POINT COUNT	EPA 600	-				بنيا	البيا			
RLM BULK-THE PROPERTY OF THE P	CARB 435	( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	<u> </u>			ــــــــــــــــــــــــــــــــــــــ				
PCM AIR	NIOSH 7400									
TEM AIR	EPA AHERA	<u> </u>				<u></u>				
TEM AIR	NIOSH 7402	<u>  Ц                                    </u>	_ Ц							
TEM AIR	ISO 10312					<u> </u>				
TEM AIR	ASTM 6281-09									
TEM BULK	CHATFIELD									
TEM DUST WIPE	ASTM D6480-06			<u> </u>						
TEM DUST MICROVAC	ASTM D5755-09			<u> </u>	<u> </u>	<u> </u>				
TEM SOIL	ASTM D7521-13	- Division		<u> </u>						
TEM VERMICULITE	CINCINNATI METHOD			<u> </u>		<u> </u>				
OTHER:					<u> </u>	П	П			
REMARKS / SPECIAL IN	STRUCTIONS:			· · · · · · · · · · · · · · · · · · ·	<u> </u>					
	amples 1-66				E AC	cept Sample	es			
·					☐ Re	eject Sample	S			
Relingujahed By:	Date/Time		Receive	ad Ely:		Date/Time				
Matthew Coldman	Whillip be	17:00		A	11 7		· 7/\			

VERSION CCOC.0216.1/2.LD Customer COC Page 1



November 8, 2016

PSI 821 Corporate Ct. Waukesha, WI 53189

CLIENT PROJECT: CEI LAB CODE: City of Kenosha @ 5805 23rd Ave.: Garage; 0054976

A16-9523

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on November 7, 2016. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

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

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

Kind Regards,

Tianbao Bai, Ph.D., CIH

Laboratory Director





# ASBESTOS ANALYTICAL REPORT By: Polarized Light Microscopy

#### Prepared for

#### **PSI**

CLIENT PROJECT: City of Kenosha @ 5805 23rd Ave.: Garage; 0054976

CEI LAB CODE: A16-9523

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

REPORT DATE: 11/08/16

TOTAL SAMPLES ANALYZED: 12

# SAMPLES >1% ASBESTOS:

TEL: 866-481-1412

www.ceilabs.com



## Asbestos Report Summary By: POLARIZING LIGHT MICROSCOPY

PROJECT: City of Kenosha @ 5805 23rd Ave.:

**CEI LAB CODE:** A16-9523

Garage; 0054976

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

Client ID	-Layer Lab ID	Color	Sample Description	ASBESTOS %
G-1	A2260355	White,Tan	MDW	None Detected
Ğ-2	A2260356	White,Tan	MDW	None Detected
G-3	A2260357	White,Tan	MDW	None Detected
G-4	A2260358	Black	MR\$1	None Detected
Ğ-5	A2260359	Black	MRS1	None Detected
G-6	A2260360	Black	MRS1	None Detected
G-7	A2260361	Black	MRS2	None Detected
<b>G</b> -8	A2260362	Black	MR\$2	None Detected
G-9	A2260363	Black	MR\$2	None Detected
G-10	A2260364	Black	MRS3	None Detected
G-11	A2260365	Black	MRS3	None Detected
G-12	A2260366	Black	MRS3	None Detected



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A16-9523

Date Received: 11-07-16
Date Analyzed: 11-08-16
Date Reported: 11-08-16

Project: City of Kenosha @ 5805 23rd Ave.: Garage; 0054976

Client ID	Lab	Lab	Lab NON-ASBESTOS COMPONENTS				
Lab ID	Description	Attributes	Fibr	ous	Non-F	ibrous	%
<b>G-1</b> A2260355	моw	Heterogeneous White,Tan Fibrous Bound	20%	Cellulose	80%	Gypsum	None Detected
<b>G-2</b> A2260356	MDW	Heterogeneous White,Tan Fibrous Bound	20%	Cellulose	80%	Gypsum	None Detected
<b>G-3</b> A2260357	MDW	Heterogeneous White,Tan Fibrous Bound	20%	Cellulose	80%	Gypsum	None Detected
<b>G-4</b> A2260358	MRS1	Heterogeneous Black Fibrous Bound	60%	Fiberglass	35% 5%	Tar Gravel	None Detected
<b>G-5</b> A2260359	MRS1	Heterogeneous Black Fibrous Bound	60%	Fiberglass	35% 5%	Tar Gravel	None Detected
<b>G-6</b> A2260360	MRS1	Heterogeneous Black Fibrous Bound	60%	Fiberglass	35% 5%	Tar Gravel	None Detected
<b>G-7</b> A2260361	MRS2	Heterogeneous Błack Fibrous Bound	55%	Cellulose	35% 5% 5%	Tar Gravel Vermiculite	None Detected



By: POLARIZING LIGHT MICROSCOPY

Client: PSI

821 Corporate Ct. Waukesha, WI 53189 CEI Lab Code: A16-9523

**Date Received:** 11-07-16 **Date Analyzed:** 11-08-16

Date Reported: 11-08-16

Project: City of Kenosha @ 5805 23rd Ave.: Garage; 0054976

Client ID Lab ID				NON-ASBESTOS COMPONENTS Fibrous Non-Fibrous			ASBESTOS %
<b>G-8</b> A2260362	MRS2	Heterogeneous Black Fibrous Bound	55%	Cellulose	35% 5% 5%	Tar Gravel Vermiculite	None Detected
<b>G-9</b> A2260363	MRS2	Heterogeneous Black Fibrous Bound	55%	Cellulose	35% 5% 5%	Tar Graveł Vermiculite	None Detected
<b>G-10</b> A2260364	MRS3	Heterogeneous Black Fibrous Bound	60%	Cellulose	35% 5%	Tar Gravel	None Detected
<b>G-11</b> A2260365	MRS3	Heterogeneous Black Fibrous Bound	60%	Cellulose	35% 5%	Tar Gravel	None Detected
<b>G-12</b> A2260366	MRS3	Heterogeneous Black Fibrous Bound	60%	Cellulose	35% 5%	Tar Gravel	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

**LIMIT OF DETECTION: <1%** by visual estimation

**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.

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. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

ΔΝΔΙ VST

Megan Fisher

**APPROVED BY:** 

Tianbao Bai, Ph.D., CIF Laboratory Director

NVLAP LAB CODE 101768-0

# CHAIN OF CUSTODY ADXO 35.

LAB USE ONLY: GEI) Lab Code:



CEI Lab I,D, Range;		
PROJECT INFORMATION		
Job Contact: Vim Updike		
Email/Tel: 54121e/59me		
Project Name: 5805 23 rdAve. 64 rage		
Project ID# 0054976		
PO #:		
STATE SAMPLES COLLECTED IN: k//		

Tel: (262)521-2125	Fax (262) 521-2471		STATE SA	MPLES CO	DLLECTED	in: k//	
n e	TAT IS NOT MARK		ARD 3 DAY	TAT AP	PLIES.	1.	
				in en in die Vi	OUND TIM		
ASBESTOS	METHOD	4 HR	8 HR	24 HR	2 DAY	3 DAY	5 DAY
PLM BULK	EPA 600				区		
PLM POINT COUNT (400)	EPA 600				白		
PLM POINT COUNT (1000)	EPA 600		<u> </u>				
PLM GRAV w POINT COUNT	EPA 600					Ò	
PLMBULK	CARB 435				口		
PCM AIR	NIOSH 7400			<u> </u>			<b>D</b>
TEM AIR	EPA AHERA						
TEM AIR	NIOSH 7402				Image: control of the		
TEM AIR	ISO 10312					<u> </u>	
TEM AIR	ASTM 6281-09						
TEM BULK	CHATFIELD						
TEM DUST WIPE	ASTM D6480-05			التار			
TEM DUST MICROVAC	ASTM D5755-09						
TEM SOIL	ASTM D7521-13	100	11 11 14 11				
TEM VERMICULITE	CINCINNATI METHOD	alkina e je	74.4				
OTHER:							О
REMARKS / SPECIAL IN	IETELICTIONS:			representative services	T		***************************************
DESCRIPTION OF FOUR IN	OTROUNDING.					ccept Sample	n.b
			•			coopt dampi	29
					LJ R	leject Sample	18
Relinquished Sy:	Date/Time		Receive	aci Elyi		Date/Time	
Matthew Goldneyer	11/a/16 by 1	17:00		A	117	16 9:3	(0)
Mother Collorapy	****						

Samples will be disposed of 30 days after analysis

VERSION CCOC.0215.1/2.LD Customer COC Page 1



Client: City of Kenosha	Construction Date: Unknown
Project: Residence	Date of Inspection: 11/3-4/16
Address: 5805 23rd Ave., Kenosha, WI	Inspector: Matt Geldmeyer
	Inspector #: All-16803

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION
01	_ 01	Panel Mastic - Black
02	01	Panel Mastic - Black
03	01	Panel Mastic - Black
04	02	Fiberglass Batt Insulation with Suspect Layer
05	Exterior	Fiberglass Batt Insulation with Suspect Layer
06	Exterior	Fiberglass Batt Insulation with Suspect Layer
07	03	Flue Packing
08	03	Flue Packing
09	03	Flue Packing
10	04	Brick
11	100	Brick
12	Exterior	Brick
13	04	Brick Mortar
14	100	Brick Mortar
15	Exterior	Brick Mortar
16	05	Concrete Block
17	05	Concrete Block
18	05	Concrete Block
19	05	Concrete Block Mortar
20	05	Concrete Block Mortar
21'	05	Concrete Block Mortar
22	05	Ceramic Tile Mastic - Cementitious
23	105	Ceramic Tile Mastic - Cementitious
24	105	Ceramic Tile Mastic - Cementitious
25	05	Ceramic Tile Grout
26	105	Ceramic Tile Grout
27	105	Ceramic Tile Grout
28	05	Panel Mastic - Green
29	05	Panel Mastic - Green
30	05	Panel Mastic - Green
31	100	Window Caulk - White
32	101	Window Caulk - White
33	200	Window Caulk - White



Client: City of Kenosha	Construction Date:	Unknown
Project: Residence	Date of Inspection:	11/3-4/16
Address: 5805 23rd Ave., Kenosha, WI	Inspector:	Matt Geldmeyer
	Inspector #:	All-16803

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION
34	102	Window Rope
35	102	Window Rope
36	206	Window Rope
37	104	12" x 12" White Floor Tile and Associated Mastic
38	104	12" x 12" White Floor Tile and Associated Mastic
39	104	12" x 12" White Floor Tile and Associated Mastic
40	104	12" x 12" Brown Floor Tile and Associated Mastic
41	104	12" x 12" Brown Floor Tile and Associated Mastic
42	104	12" x 12" Brown Floor Tile and Associated Mastic
43	104	12" x 12" Tan Floor Tite and Associated Mastic
44	104	12" x 12" Tan Floor Tile and Associated Mastic
45	203	12" x 12" Tan Floor Tile and Associated Mastic
46	104	Brick Mastic - Black
47	104	Brick Mastic - Black
48	104	Brick Mastic - Black
49	105	Tub Surround Mastic - Brown
50	105	Tub Surround Mastic - Brown
51	105	Tub Surround Mastic - Brown
52	105	Drywall/Joint Compound System
53	105	Drywall/Joint Compound System
54	105	Drywall/Joint Compound System
55	105	Plastic Tile Mastic - Tan
56	105	Plastic Tile Mastic - Tan
57	105	Plastic Tile Mastic - Tan
58	STWL1	Tan Stairtread and Associated Mastic
59	STWL1	Tan Stairtread and Associated Mastic
60	STWL1	Tan Stairtread and Associated Mastic
61	201	12" x 12" Cream Floor Tile and Associated Mastic
62	201	12" x 12" Cream Floor Tile and Associated Mastic
63	202	12" x 12" Cream Floor Tile and Associated Mastic
64	202	12" x 12" Gray/Beige Floor Tile and Associated Mastic
65	202	12" x 12" Gray/Beige Floor Tile and Associated Mastic
66	202	12" x 12" Gray/Beige Floor Tile and Associated Mastic



Client: City of Kenosha	Construction Date:	Unknown
Project: Residence	Date of Inspection:	
Address: 5805 23rd Ave., Kenosha, WI	Inspector:	Matt Geldmeyer
	Inspector #:	All-16803

SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION
67	202	Ceramic Tile Mastic - Beige
68	202	Ceramic Tile Mastic - Beige
69	202	Ceramic Tile Mastic - Beige
70	202	Ceramic Tile Grout
71	202	Ceramic Tile Grout
72	202	Ceramic Tile Grout
73	202	Panel Mastic - Tan
74	202	Panel Mastic - Tan
75	202	Panel Mastic - Tan
76	203	12" x 12" White/Black Floor Tile and Associated Mastic
77	203	12" x 12" White/Black Floor Tile and Associated Mastic
78	203	12" x 12" White/Black Floor Tile and Associated Mastic
79	300	Faux Fireplace Shingles - Red
80	300	Faux Fireplace Shingles - Red
81	300	Faux Fireplace Shingles - Red
82	Exterior	Exterior Window Caulk - White
83	Exterior	Exterior Window Caulk - White
84	Exterior	Exterior Window Caulk - White
85	Exterior	Exterior Window Caulk - Beige
86	Exterior	Exterior Window Caulk - Beige
87	Exterior	Exterior Window Caulk - Beige
88	Exterior	Exterior Door Caulk - White
89	Exterior	Exterior Door Caulk - White
90	Exterior	Exterior Door Caulk - White
91	Exterior	Exterior Door Caulk - Beige
92	Exterior	Exterior Door Caulk - Beige
93	Exterior	Exterior Door Caulk - Beige
94	Exterior	Exterior Window Pane Glazing - Gray
95	Exterior	Exterior Window Pane Glazing - Gray
96	Exterior	Exterior Window Pane Glazing - Gray
97	Roof	Roof Shingles - Top Layer
98	Roof	Roof Shingles - Top Layer
99	Roof	Roof Shingles - Top Layer



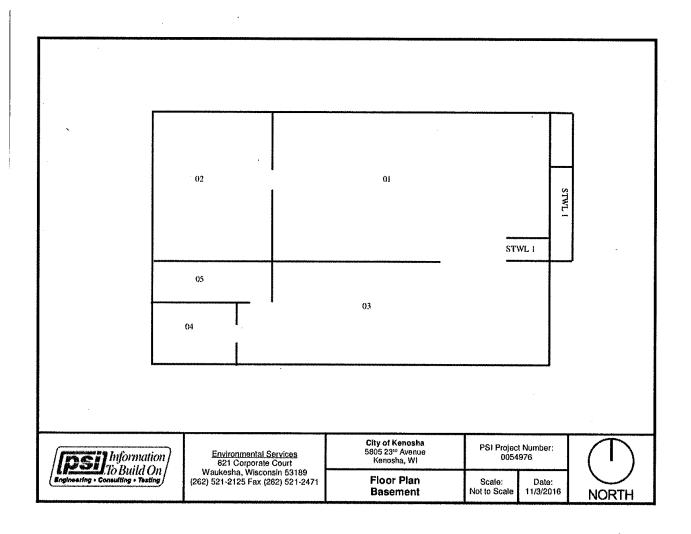
Client: City of Kenosha	Construction Date:	Unknown
Project: Residence	Date of Inspection:	11/3-4/16
Address: 5805 23rd Ave., Kenosha, Wl	Inspector:	Matt Geldmeyer
-	" Inspector #:	AII-16803

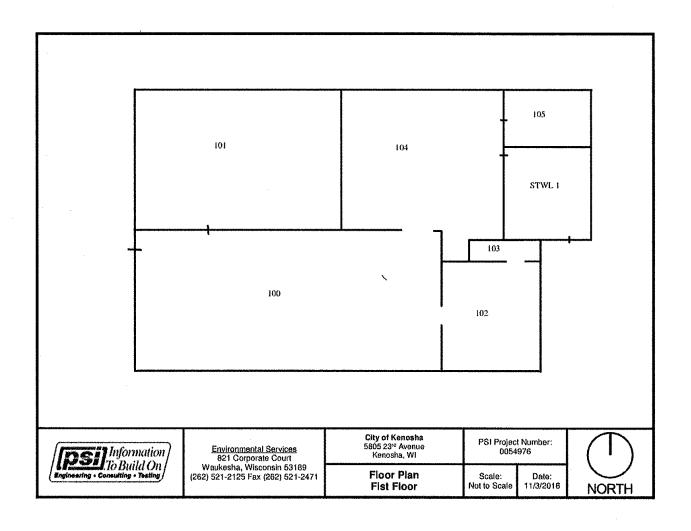
SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION
100	Roof	Roof Shingles - Second Layer
101	Roof	Roof Shingles - Second Layer
102	Roof	Roof Shingles - Second Layer
103	Roof	Roof Shingles - Third Layer
104	Roof	Roof Shingles - Third Layer
105	Roof	Roof Shingles - Third Layer
106	Roof	Roof Shingles - Bottom Layer
107	Roof	Roof Shingles - Bottom Layer
108	Roof	Roof Shingles - Bottom Layer
109	Roof	Roof Flashing
110	Roof	Roof Flashing
111	Roof	Roof Flashing
112	Roof	Roofing Tar Paper
113	Roof	Roofing Tar Paper
114	Roof	Roofing Tar Paper
115	01	Single Coat Plaster - White
116	03	Single Coat Plaster - White
117	04	Single Coat Plaster - White
118	100	Plaster - Thick Skim and Base Coats over Original Plaster
119	100	Plaster - Thick Skim and Base Coats over Original Plaster
120	100	Plaster - Thick Skim and Base Coats over Original Plaster
121	100	Plaster - Skim and Base Coats
122	101	Plaster - Skim and Base Coats
123	102	Plaster - Skim and Base Coats
124	104	Plaster - Skim and Base Coats
125	201	Plaster - Skim and Base Coats
126	204	Plaster - Skim and Base Coats
127	208	Plaster - Skim and Base Coats
<u> </u>		

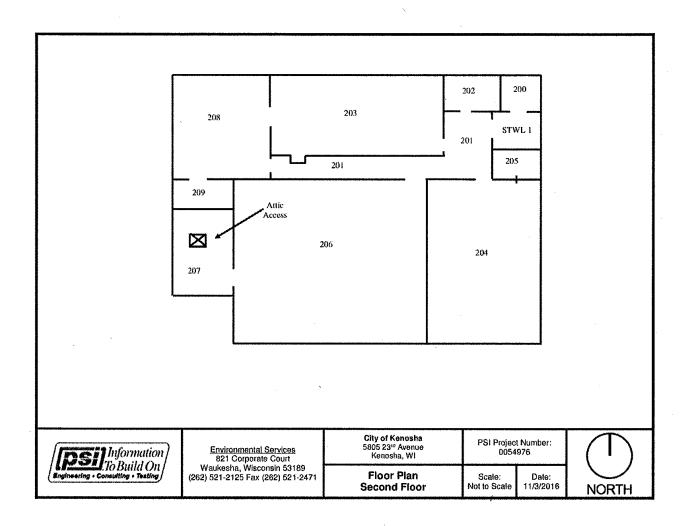


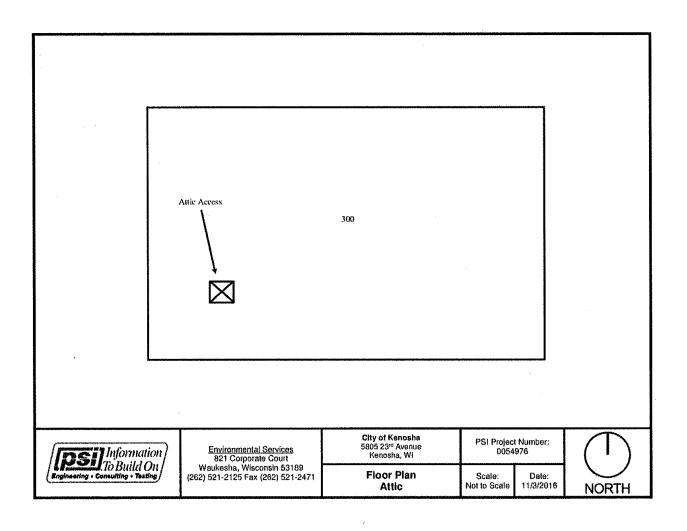
Client: City of Kenosha	Construction Date: Unknown	
Project: Residence	Date of Inspection: 11/3-4/16	
Address: 5805 23rd Ave., Kenosha, WI	Inspector: Matt Geldmey	er
•	Inspector #: All-16803	

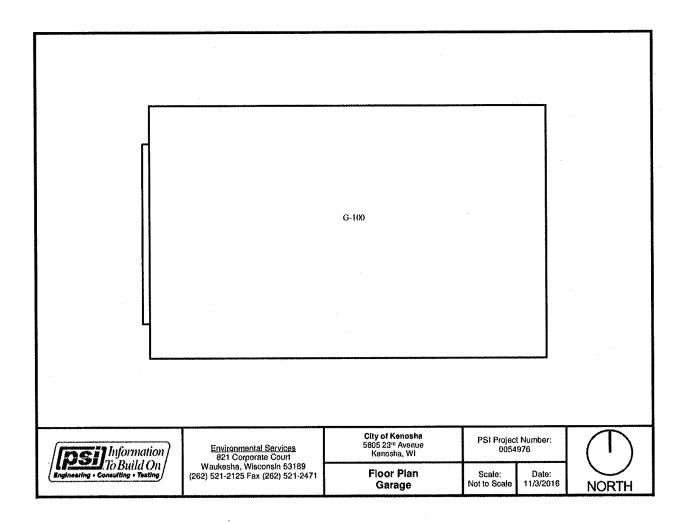
SAMPLE NUMBER	SAMPLE LOCATION	MATERIAL DESCRIPTION
G-1	100	Drywall
G-2	100	Drywall
G-3	100	Drywall
G-4	Roof	Roof Shingles - Black (Top Layer)
G-5	Roof	Roof Shingles - Black (Top Layer)
G-6	Roof	Roof Shingles - Black (Top Layer)
G-7	Roof	Roof Shingles - Green (Middle Layer)
G-8	Roof	Roof Shingles - Green (Middle Layer)
G-9	Roof	Roof Shingles - Green (Middle Layer)
G-10	Roof	Roof Shingles - Black and White (Bottom Layer)
G-11	Roof	Roof Shingles - Black and White (Bottom Layer)
G-12	Roof	Roof Shingles - Black and White (Bottom Layer)
,		













#### SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

CEI Labs, Inc. 730 SE Maynard Road Cary, NC 27511

Dr. Tianbao Bai Phone: 919-481-1413 Fax: 919-481-1442

Email: bai@ceilabs.com http://www.ceilabs.com

#### **ASBESTOS FIBER ANALYSIS**

**NVLAP LAB CODE 101768-0** 

#### **Bulk Asbestos Analysis**

Code

Description

18/A01

BPA 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

18/A03

BPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

#### Airborne Asbestos Analysis

Code

**Description** 

18/A02

U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in

40 CFR, Part 763, Subpart B, Appendix A.

For the National Voluntary Laboratory Accreditation Program

Effective 2016-07-13 through 2017-03-31

Page 1 of 1

#### United States Department of Commerce National Institute of Standards and Technology



### Certificate of Accreditation to ISO/IEC 17025:2005

**NVLAP LAB CODE: 101768-0** 

CEI Labs, Inc.

Cary, NC

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

#### **Asbestos Fiber Analysis**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2016-04-01 through 2017-03-31

Effective Dates



For the National Voluntary Laboratory Accorditation Program



#### THE CITY OF KENOSHA, WISCONSIN

## REQUEST FOR PROPOSAL TO RAZE STRUCTURE(S) AND RESTORE LOT GENERAL SPECIFICATIONS AND CONDITIONS

#### ASBESTOS CONTAINING MATERIAL.

Regulated Asbestos Containing Materials (RACM), is defined in 40 C.F.R. 61.141.

The Contractor is to warrant that all WORK performed under this Contract by the Contractor and subcontractors, 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 is also to complete a Notification of 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. A street right-of-way may not be used for such purpose without the Contractor obtaining a Street Occupancy Permit.

#### TIME SCHEDULE FOR OBTAINING A RAZE PERMIT.

The Contractor has fifteen (15) days from the date of Notice of Award of Contract and Direction to Proceed by the City to obtain a Raze Permit.

Time lost and cost encountered by the Contractor due to the Contractor's lack of coordination with the City or subcontractors working on the project site shall not be a justification for extra compensation or time extension(s).

#### TIME OF PERFORMANCE.

The Effective Date of the Contract shall be the date the Contract is fully executed. WORK shall commence and deadlines computed from the date that City provides Contractor with the Notice to Proceed. The Contractor shall conduct the WORK diligently until fully complete in accordance with the Contract. The Contractor shall complete the WORK within forty-five (45) days of the Notice to Proceed. For the purposes of these specifications, WORK is defined as the razing of said structure(s) including itemized list of tasks as set forth in the WORK To Be Performed section. The Contractor shall furnish sufficient labor, material, equipment, and supervision to complete the WORK according to the approved time schedule.

#### UTILITY SERVICES.

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 building or structure to be razed.

#### FOUNDATION AND CONCRETE REMOVAL.

The foundation and floor shall be completely removed. All concrete and/or gravel on the premises except for City public sidewalks 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 Site Restoration.** This WORK shall also include disposing of the resulting materials, backfilling trenches and pits with appropriate backfill material, seeding, mulching and site clean-up. The Contractor shall procure all permits necessary for restoring the yard park, including permits for all other applicable Work items prior to beginning the WORK within the street right-of-way. If any utilities or structures exist within the removal limits, the Contractor shall contact both 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 applicable specifications and requirements of the City of Kenosha's General and Paving Specifications.

If an existing curb and gutter section is overlaid with asphaltic pavement, the Contractor shall reconstruct the proposed curb and gutter section and resurface it with a commensurate pavement. The Contractor shall saw-cut the proposed pavement and, curb and gutter section to insure a butt-joint construction.

This WORK shall also consist of saw-cutting, removing and replacing unsuitable foundation underlying the proposed 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 procure all permits necessary for removing and replacing curb and gutter, and including permits for all other applicable work items prior to the beginning the WORK within the street right-of-way. If any utilities or structures exist within the removal limits, the Contractor shall contact both the City and other appropriate authorities promptly.

#### PUBLIC SIDEWALK REMOVAL AND REPLACEMENT.

Contractor shall at their expense, remove and replace any public sidewalk damaged by Contractor in course of WORK. The repairs shall be done using 1-1/4" base aggregate. Contractor shall be responsible for maintaining the integrity of the public sidewalk after the removal of the foundation walls. Contractor shall be responsible to obtain all requisite permits. If public sidewalk is undermined during the raze process, City of Kenosha's Department of Public Works shall, its sole discretion, whether the sidewalk must be reconstructed and replaced. WORK shall consist of saw-cutting, removing and replacing unsuitable foundation underlying public sidewalk; providing, installing, and compacting crushed aggregate base course; concrete masonry, expansion felt, finishing, curing and protecting, cleaning, back filling, restoring disturbed areas and disposal of excess material; tools, labor, materials and equipment and all other incidentals necessary to complete WORK per City of Kenosha's Department of Public Works Specifications.

#### 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 building 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 DIRT AND FINAL GRADING.

The Contractor shall use clean fill dirt with stones not exceeding one inch (1") in diameter and fill lot to match public sidewalk grade and adjacent lot line grade. A description and the original source of the fill material is required. Please note that soil testing will be necessary if the source of the fill material is not from a historically clean site or 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 the City of Kenosha.

#### TOP SOIL, SEEDING AND MULCHING.

Upon completion of the demolition, Contractor shall fill the lot with four (4") to six (6") inches of top soil, seeded with seed mixture appropriate for the site conditions, and mulched with hay, straw, or other material approved by City of Kenosha when conditions permit. 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.

During the demolition, the Contractor shall sort metals for recycling. The consolidation process will reduce the building to a size that can effectively fit in demolition trailers. Water shall be used as a dust suppressant whenever practicable.

#### **BLASTING PROHIBITED.**

Work will not be performed through blasting with explosives.

# DETAILED SPECIFICATIONS - SIDEWALK/CURB AND GUTTER

#### ATTOMORILATION IN THE PERSONS

The work to a done under these specifications consists in furnishing all the necessary, equipment, materials, tools and labor for the laying of concrete sidewalks and of curb and gutter, as directed by the Engineer.

#### SECTION IL PROSION CONTROL

It has been determined that an erosion control permit in accordance with Kenosha Ordinance 92-92 dated November 20, 1992, is not required for this project. The possit fee has been waived. The Contractor shall still be required to file with the Engineer a copy of the creation control plan for any excess materials emoved from the project site and disposed elsewhere inside or suitaide the City. Contractor shall also provide a copy of any permit required by any Village, Town or this where class material is deposited.

# SECTION III - PORTLAND CEMENT CONCRETE

#### A. COMPOSITION

All Portland coment concrete used in the work under this contract shall conform to the City's air entrained class "A" or High Early Strength Concrete as indicated in the plans and special provisions or as directed by the Engineer.

The Contractor may, at their own cost and expense, elect to use high-early-strength (H.B.S.) concrete in order to reduce the required protection time, except at property access points where H.B.S. concrete shall be required and paid for at the bid price for H.B.S. concrete.

Fly ash will not be allowed.

#### B. PROTECTION AND CURING

The Contractor shall erect and maintain suitable barricades as may be necessary to exclude traffic from the newly constructed pavement, curb and gutter or sidewalk. Any part of the curb and gutter, pavement or sidewalk not acceptable by the City shall be repaired or replaced by and at the expense of the Contractor. Such protection shall be maintained for at least seven (7) days for curb and gutter or pavement, twenty-four (24) hours for sidewalks, or as directed by the Bugineer. When high-early-strength concrete is used in curb and gutter or pavement construction the protection period may be reduced to three (3) days. Immediately after finishing operations are completed and while the concrete is still plastic, the surface of the concrete shall be covered uniformly with a water impermeable curing compound, coating applied as fine spray.

The material used shall, when tested in accordance with A.S.T.M. Designation C-156, provide a film which will retain within the specimen at the end of 72 hours at teast 85% of the water used in the concrete mix. It shall be applied to the concrete at a rate sufficient to affect the required water retention and shall form a continuous coherent, water impermeable

Detailed Specifications - Sidewalk/Curb & Gutter

April 2004

#### finished walk.

Asphalt removed for new walk placement is considered to be surplus material, with the cost of disposal to be included in the prices for new walk construction.

#### C. DIMENSIONS

Public sidewalks constructed within a City block shall conform to the prevailing width of other sidewalks within said block. Where there is a no prevailing paved sidewalk within a given City block, public sidewalks shall be 5' in width unless otherwise directed by the Engineer, provided that in front of all stores and buildings used for mercantile, commercial and manufacturing purposes, the sidewalk shall be 5 foot in width, or as designated on a plan presented to and approved by the City Engineer's office. All sidewalks shall be a minimum of 4" in thickness, except in areas of drive approaches where the sidewalks shall be a minimum of 6" in thickness

A block shall be defined as one side of a street or highway from intersection to intersection, except where there is a cul-de-sac; in which event the cul-de-sac and both sides of the street leading into the cul-de-sac shall be considered a block.

#### D. FORMS

:1

Forms should be either wood or metal, of approved type, and should be straight and strong enough to resist springing, tipping or any other displacement during the process of pouring the concrete.

Wooden forms should be at least two inches thick, except for sharply curved sections. They should be securely staked to hold required line and grade. NO EXPANSION JOINT MATERIAL, OVER 16 INCHES IN LENGTH MAY BE USED AS A FORM FOR PLACEMENT OF CONCRETE, EXCEPT IN AREAS WHERE TREES MAY BE A PROBLEM AS DIRECTED BY THE ENGINEER.

#### B. PLACING

The concrete shall be handled rapidly and the successive batches deposited in a continuous operation, completing individual section to the required depth and width. Under no circumstances shall concrete that has partially hardened be used. The method of placing the various sections shall be such as to produce a straight, clean-cut joint between them. Any concrete in excess of that needed to complete a section at the stopping of work shall not be used. No one shall not be permitted to walk on the freshly laid concrete. In no case shall concrete be deposited upon frozen subgrade or subbase.

#### F. PINISHING

After the concrete has been brought to grade, it shall be floated with a bull float, to be followed shortly thereafter by floating with a long handled steel trowel. An edger of 3/4" radius design shall be used on all longitudinal edges and a 3/4" radius jointer to score all transverse joints. When the concrete is ready the final finish shall be made by qualified skilled finishers only. The surface shall be lightly brushed before the concrete has set, so as

Detailed Specifications - Sidewalk/Curb & Gutter

On streets which have existing bituminous concrete in the gutter pan and which are designated as requiring bituminous concrete on the work list, the Contractor shall replace bituminous concrete equal in depth to that removed. The Contractor shall make a clean and straight cut on the existing bituminous concrete and apply tack coat at a rate of 0:10 gal./s.y. on the concrete surface and all edges prior to placing of new bituminous concrete. Payment shall be by the linear foot and shall be included in the price for concrete curb and gutter with asphalt pan.

In large areas, as designated by the Engineer, where excess settlement has occurred the Contractor shall supply and compact granular base course to bring the area to grade. Payment for this work shall be made at the price bid per ton for granular base course. The Contractor shall supply weight tickets for each load used.

Detailed Specifications - Sidewalk/Curb & Gutter 5

April 2004

# REQUEST FOR PROPOSAL TO RAZE BUILDING(S) AND RESTORE LOT(S)

AT

1925 to 1927-57th Street

**Proposal Notice No. 14-17** 

#### **PROPOSAL**

Finance:

A representative of this organization has inspected the building described below at the specified location, and hereby submits the following Proposal to Raze said building and restore the site in accordance with the City of Kenosha Specifications and Conditions at the following prices, to be firm for sixty (60) days from the date of Proposal, subject to the Proposal being accepted within that time and a Contract entered into for that price.

Date:\_\_\_\_\_

# REQUEST FOR PROPOSAL TO RAZE BUILDING(S) AND RESTORE LOT(S)

AT

#### 4605-8th Avenue

## Proposal Notice No. 14-17

#### **PROPOSAL**

Finance:

A representative of this organization has inspected the building described below at the specified location, and hereby submits the following Proposal to Raze said building and restore the site in accordance with the City of Kenosha Specifications and Conditions at the following prices, to be firm for sixty (60) days from the date of Proposal, subject to the Proposal being accepted within that time and a Contract entered into for that price.

#### RAZING AND LOT RESTORATION INCLUDING ASBESTOS ABATEMENT

(With Structure, Foundation, Parking Area, Driveway, Driveway Approach, Service Sidewalk

Attached Specifications.)	nce, Trees and Shrubs, Junk and Debris Removed Per
\$ Numerals	 Written
The effective date Contract with Notice to Procee	e of the Contract shall be the date of return of the executed d. The Contractor shall furnish sufficient labor, material, complete the WORK according to the approved time schedule
	Respectfully submitted,
Firm:	··············
Signature:	······
Type/Print Name:	·
Title:	
Date:	

# REQUEST FOR PROPOSAL TO RAZE BUILDING(S) AND RESTORE LOT(S)

AT

## 5805-23rd Avenue, Kenosha, Wisconsin

Proposal Notice No. 14-17

#### **PROPOSAL**

Finance:

A representative of this organization has inspected the building described below at the specified location, and hereby submits the following Proposal to Raze said building and restore the site in accordance with the City of Kenosha Specifications and Conditions at the following prices, to be firm for sixty (60) days from the date of Proposal, subject to the Proposal being accepted within that time and a Contract entered into for that price.

# RAZING AND LOT RESTORATION INCLUDING ASBESTOS ABATEMENT

(With Structure, Foundation, Garage, Garage Slab, Driveway, Driveway Approach, Service Sidewalk, Public Sidewalk, Curb and Gutter, Stockade Fence, Trees and Shrubs, Junk and Debris Removed Per Attached Specifications.)

Debris Removed Per Attached Specifications.)	
\$ Numerals	Written
The effective date of the Contract sh with notice to proceed. The Contractor shall furnish supervision to complete the WORK according to the	
	Respectfully submitted,
Firm:	
Signature:	
Type/Print Name:	
Title:	

Date:

# AFFIDAVIT OF ORGANIZATION AND AUTHORITY AND CAREFUL INSPECTION OF SITE AND PREPARATION OF PROPOSAL OR BID

STATE OF) :SS.	
COUNTY OF	
says that the Bidder on the attached Bid Proposal is organized as indicated below that all statements herein are made on behalf of such Bidder, and this depondent authorized to make them.	v, and
[Fill Out Applicable Paragraph]	
CORPORATION. The Proposer is a corporation incorporated and exunder the laws of the State of, and its Presider, its Secretary is	disting nt is
The President is authorized to sign contracts, bids and proposals for Company by action of its Board of Directors taken on	
Pursuant to its articles of organization, the Proposer m	e of
bound by action of its Manager/members [strike one].	_
PARTNERSHIP. The Proposer is a partnership consistin	g of
, General Partners, doing business under the name	of
SOLE PROPRIETOR. The Proposer is an individual and, if ope under a trade name, such trade name is follows:	rating as
ADDRESS. The business address of the Proposer is as follows:	
Telephone Number:	
STATUTORY SWORN STATEMENT. , also deposes and state	e that
he/she has examined the Request for Proposal to remove and dispose of asbesto other particulates with Instructions to Proposers, the Specifications and S Conditions and any City furnished data, has investigated the site conditions or,	s and pecial

alternative, has waived such inspection at Proposer's peril, and has carefully prepared the Proposal from the Request for Proposal to Asbestos Abatement with Instructions to Proposers, the Specifications and Special 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)	
COUNTY OF)	
Subscribed and sworn to before me this, 2017.	
Notary Public, County,	<del></del>
My Commission evnires/is:	

# PERFORMANCE AND PAYMENT BOND

	{\$	]
	Project N	o
PR	OJECT DESCRIPTION:	
	BY: {Principal}	
		d For The Benefit Of of Kenosha, Wisconsin
	Know All Men By These Presents, t	hat we,
	[Company Name]	
	[Address]	
a municipal corp \$ the Principal and	ooration as Obligee in the full and just lawful money of the Uni,	urety}, are held and firmly bound unto the City of Kenosha, Wisconsin, a sum of
Contract is hereb		I into a written contract with the Obligee for the above project, which is fully and to the same extent as if copied at length herein.
material to the I	ntract according to its terms, covenants	N OF THE OBLIGATION IS SUCH, that if the Principal shall faithfully and conditions and shall promptly pay all persons supplying labor or if the work under said Contract, then this obligation shall be void;
Principal for use		rity, all persons who have supplied labor or material directly to the id Contract shall have a direct right of action under this Bond.
	The Surety's aggregate liability hereur	nder shall in no event exceed the amount set forth above.
materials set for	of work on said Contract, or one (1) ye rth under said Contract, whichever is	th thereunder after the expiration of one (1) year following the date of ar following expiration of any warranty or guaranty covering work and longer. If this limitation is made void by any law controlling the be amended to equal the minimum period of limitation permitted by
Signed an	nd dated at Kenosha, Wisconsin, this	day of
		{Principal]
		BY:
[Witness	5]	Name:
		Title:

	{Surety}
[Witness]	BY:  Name:  Title:
PERFORMANCE A	ND PAYMENT BOND
Examined and approved as to form and execu	ution this day of

City Attorney

# LIST OF SUBCONTRACTORS AND MAJOR SUPPLIERS

NAME AND ADDRESS:	CLASS OF WORK TO BE PERFORMED:
bid in writing, to the general contracto	Bidder's List, a <b>SUBCONTRACTOR</b> must first submit a or at least forty-eight (48) hours prior to the time of the ed to, nor altered without the written consent of the City
Dated this_	, day of
	[Bidder]

# REQUEST FOR PROPOSAL TO RAZE BUILDING(S) AND RESTORE LOT(S)

ΑT

# MISCELLANEOUS CITY LOCATIONS

# **Proposal Notice No. 14-17**

# **CONTACT /VENDOR INFORMATION**

Firm Name:		 	
Firm Address:		 	
Phone:	<u>F</u> ax:		
E-Mail Address:			

# REQUEST FOR PROPOSAL TO RAZE BUILDING(S) AND RESTORE LOT(S)

ΑT

# **MISCELLANEOUS CITY LOCATIONS**

**Proposal Notice No. 14-17** 

# **CHANGE ORDER**

	Project Name	
	Project Number	
	Account Number	
	Contractor	
	Date of Common Council Action	
(increasing) (decreasing) the am \$To \$_	ONTRACTOR agree that the above Contract is a ount of the Contract by \$ This amendment shall have changing) the date of project completion from	from
Thi	s Change Order is approved by:	
CONTRACTOR	CITY OF KENOSHA, MAY	OR
Date:	Date:	