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February 22, 2023

Kane County Purchasing Department
719 South Batavia Avenue
Geneva, IL 60134

Asbestos-Containing Material Survey (ACM Survey)
Vacant House
RE: 1228 Watson Street
Aurora, IL 60505
A3E Project No.: 2023_0126

Dear Ms. Keitzman:

A3 Environmental, LLC ("A3E") has completed a Asbestos-Containing Material Survey (ACM Survey) on the above referenced property. The work was conducted in accordance with A3E's letter of engagement. This report was prepared solely for the use of Kane County Purchasing Department (hereinafter "Client" or "User"). No other party shall use or rely on this report or the findings herein, without the prior written consent of A3E.

Thank you for the opportunity to provide our services. If you have any questions or need any additional information, please contact the undersigned at 630-507-9002.

Performed and Prepared By:

A handwritten signature in black ink, appearing to read 'Patrick W. Hook', is written over a white background.

Patrick W. Hook, P.G.
Lead Consultant
EPA AHERA Certified Asbestos Building Inspector, Project Manager, IDPH
#100-10967



ASBESTOS-CONTAINING MATERIAL SURVEY (ACM SURVEY)

VACANT HOUSE

1228 Watson Street
Aurora, IL 60505

PREPARED FOR

Kane County Purchasing Department
719 South Batavia Avenue
Geneva, IL 60134

PREPARED BY

A3 Environmental, LLC
3030 Warrenville Road, Suite 418
Lisle, Illinois 60532
T: 888-405-1742

Project Number: 2023_0126

Date: February 22, 2023

| | | |
|------------|---|-----------|
| 1.0 | Executive Summary | 1 |
| 2.0 | Introduction | 2 |
| 2.1 | Purpose | 2 |
| 2.2 | Scope of Work | 3 |
| 2.3 | Sampling Protocol | 3 |
| 2.4 | Laboratory Analysis | 4 |
| 2.5 | Special Terms & Conditions | 4 |
| 2.6 | Limitations & Exceptions of Survey | 5 |
| 3.0 | Site Description | 5 |
| 3.1 | Site Location Information | 5 |
| 3.2 | Building Description | 6 |
| 3.3 | Prior Environmental Documentation | 6 |
| 4.0 | Results | 6 |
| 4.1 | Survey Methods & Results | 7 |
| 4.2 | Inspector Comments | 9 |
| 5.0 | Findings & Conclusions | 9 |
| 6.0 | Signature of Environmental Professional(s) | 10 |

APPENDICES

Appendix A - Figures

Appendix B - Laboratory Chain of Custody and Analytical Report

Appendix C - Photographic Documentation

Appendix D - Certifications

1.0 EXECUTIVE SUMMARY

Kane County Purchasing Department retained A3 Environmental (A3E) to conduct an Asbestos-Containing Material Survey (ACM Survey) of the Vacant House located at 1228 Watson Street Aurora Kane, IL (the facility or building).

A3E performed this Limited ACM Survey as described in the authorized Agreement between Kane County Purchasing Department and A3E dated January 12, 2023 and in general accordance with applicable sections of ASTM E 2356-10 “*Standard Practice for Comprehensive Building Asbestos Surveys*”, as it relates to a commercial real estate transaction.

The ACM Survey was conducted to categorize the different homogeneous materials within the building, to assess the condition of suspect asbestos-containing materials (ACMs), to develop and implement an asbestos sampling plan, and identify or negate the presence of asbestos through laboratory analysis.

The 1228 Watson Street facility is a vacant 700 square foot single family home that was built in 1960. The building has a basement with 2 small sheds. The house is constructed of wood with Ceiling tiles, drywall, carpet, linoleum and sheet flooring. The Subject Property is located on the east side of Watson Street.

The field activities were conducted during January 31st, 2023, by Mr. Patrick W. Hook, a licensed Illinois Department of Public Health (IDPH) asbestos inspector. RPS collected a total of 49 bulk samples of suspect ACMs from 16 homogeneous materials identified at the 1228 Watson Street facility. It is important to note that in many instances, additional material layers (i.e. mastics/glues/adhesives/layers) associated with the 49 bulk samples were also analyzed, thus increasing the total number of samples to 74.

Asbestos includes chrysotile, amosite, crocidolite, anthophyllite, tremolite and actinolite (fibrous minerals). The analytical report relates only to the samples tested. Samples were analyzed using Polarized Light Microscopy (PLM) with dispersion staining via EPA Method 600/R-93/116 or equivalent for bulk asbestos materials. The reliable limit of detection of this method is one percent (1%) asbestos content. When no asbestos is detected in the sample submitted, the results are reported as *None Detected*. If a sample contains greater than 1% asbestos, it is considered to be an asbestos-containing material by the United States Environmental Protection Agency- National Emission Standards for Hazardous Air Pollutants (EPA-NESHAPs), the United States Occupational Safety and Health Administration (OSHA), the Illinois Environmental Protection Agency (IEPA) and the Illinois Department of Public Health (IDPH). However, if a material contains less than

1% asbestos, certain work practice requirements and prohibitions of the OSHA Asbestos in Construction Standard (29 CFR 1926.1101) must be followed (during activities where materials are disturbed such as re-modeling or demolition).

Suspect materials such as floor tile, mastics, glues, adhesives, ceramics and roofing are classified as Non-friable Organically Bound (NOB) materials. As such, the EPA recommends further analysis of these type materials using Transmission Electron Microscopy (TEM) analysis or the EPA 600/R-93/116 400 Point Count Method for PLM samples identified to be less than 10% asbestos or to be inconclusive by PLM.

The following building materials were identified at the Vacant House located at 1228 Watson Street Aurora IL to contain greater than 1% asbestos; therefore, the building materials are required to be treated as regulated ACMs:

- Three square foot of brown 9"x9" floor tile remnants (in-between Bedroom 2 and Living Room)

In accordance with the Agreement, this ACM Survey focused on major interior and exterior building systems and components with potential to contain asbestos. It is possible that additional suspect or assumed ACMs may be present within inaccessible areas of the building, such as above fixed ceilings, within wall systems, behind walls, beneath layers of flooring, roof core layers, within pipe chases, in mechanical equipment insulation, in electrical components, and within HVAC equipment; therefore, these materials may not have been observed or sampled during this ACM Survey. It should be noted that any other suspect materials within the site building not sampled as part of this limited ACM Survey should be assumed to be ACM until proven otherwise prior to future renovation or demolition activities.

2.0 INTRODUCTION

2.1 Purpose

A3E performed this ACM Survey as described in the authorized Agreement between Kane County Purchasing Department and A3E dated January 12, 2023 and in general accordance with applicable sections of ASTM E 2356-10 "*Standard Practice for Comprehensive Building Asbestos Surveys*", as it relates to a commercial real estate transaction.

2.2 Scope of Work

There are several types of asbestos surveys depending upon the ultimate disposition of the site and the local/state regulatory environments. Currently, ASTM Standard E 2356-10 “Standard Practice for Comprehensive Building Asbestos Surveys” codifies and effectively differentiates hazard assessment, pre-demolition, and pre-asbestos abatement design surveys that have historically been described independently in:

- Asbestos Hazard Emergency Response Act (AHERA; 40 CFR Part 763), EPA’s governing regulations asbestos management in schools;
- National Emission Standards for Hazardous Air Pollutants (NESHAPS; 40 CFR Part 61), EPA regulations for demolition and renovation;
- OSHA Asbestos in Construction Standard (29 CFR 1926.1101), OSHA’s regulations requiring building survey to control asbestos exposure to construction personnel; and
- "Guidance for Controlling Asbestos-Containing Materials in Buildings", (EPA 560/5-85-024.), EPA’s guidelines prescribing minimal sampling and hazard assessment protocols.

The scope of purpose of this Limited ACM Survey was to adequately identify and sample suspect ACMs in substantial accordance with applicable sections of ASTM 2356-10 and appropriate Federal, State and/or local requirements, as it relates to a commercial real estate transaction. This type of survey involves both the employment of visual and slightly invasive sampling methods which may be necessary to collect material samples that may be hidden beneath multiple layers of flooring and/or other finishes; to assess the condition of suspect ACMs, PACMs, and/or other assumed ACMs; to implement a strategic asbestos sampling plan, and to confirm or negate the presence of ACMs through laboratory analysis.

2.3 Sampling Protocol

Bulk samples of each material suspected to contain asbestos were collected utilizing a modified Asbestos Hazard Emergency Response Act (AHERA) sampling protocol (AHERA, 40 CFR763.86), OSHA General Industry Standard 29 CFR 1910.1001, OSHA Asbestos Construction Standard 29 CFR 1926.1101, IEPA and IDPH rules and requirements.

Suspect ACMs were identified, and bulk samples were collected by IDPH Licensed Asbestos Inspectors and submitted for laboratory analysis. The EPA, OSHA, IEPA and IDPH define ACM as a material that contains greater than one percent (1%) asbestos.

2.4 Laboratory Analysis

Asbestos includes chrysotile, amosite, crocidolite, anthophyllite, tremolite and actinolite (fibrous minerals). The analytical report relates only to the samples tested. Samples were analyzed using Polarized Light Microscopy (PLM) with dispersion staining via EPA Method 600/R-93/116 or equivalent for bulk asbestos materials. The reliable limit of detection of this method is one percent (1%) asbestos content. When no asbestos is detected in the sample submitted, the results are reported as *None Detected*. If a sample contains greater than 1% asbestos, it is considered to be an asbestos-containing material by the United States Environmental Protection Agency- National Emission Standards for Hazardous Air Pollutants (EPA-NESHAPs), the United States Occupational Safety and Health Administration (OSHA), the Illinois Environmental Protection Agency (IEPA) and the Illinois Department of Public Health (IDPH). However, if a material contains less than 1% asbestos, certain work practice requirements and prohibitions of the OSHA Asbestos in Construction Standard (29 CFR 1926.1101) must be followed (during activities where materials are disturbed such as re-modeling or demolition).

Submitted suspect ACM bulk samples were analyzed by EMSL Analytical, Inc. (EMSL) located in Hillside, Illinois. EMSL is a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory, an American Industrial Hygiene Association (AIHA) accredited institution, and is also certified in Illinois. Bulk samples were analyzed using PLM EPA Method 600/R-93/116. Select floor tile samples were analyzed using PLM EPA Method 600/R-93/116. Copies of the laboratory chain of custody and analytical report documentation is provided in [Appendix B](#).

It is important to note that suspect materials such as floor tile, mastics, glues, adhesives, ceramics and roofing are classified as Non-friable Organically Bound (NOB) materials. This is because the asbestos (if present) is typically tightly bound to the matrix material and therefore is not easily isolated and/or detected using standard polarized light microscopy analytical techniques. As such, the EPA recommends further analysis of these type materials using TEM analysis and/or the 400 Point Count Method for PLM samples identified to be less than 10% asbestos or to be inconclusive by PLM. TEM and/or point counting were not included in the base scope of services for this project.

2.5 Special Terms & Conditions

A3E performed this ACM Survey on behalf of and exclusively for Kane County Purchasing Department. This ACM Survey and the findings contained herein shall not be relied upon, in whole or part, by any other party, except by or with the express written consent of a responsible official of A3E or Kane County Purchasing Department.

2.6 Limitations & Exceptions of Survey

During the preparation of this Limited ACM Survey, A3E relied upon the information provided by Kane County Purchasing Department. A3E has assumed, where reasonable, that the information reviewed is true and accurate but assumes no responsibility or liability for its accuracy or completeness. Site observations are of the conditions observed at the time of the site reconnaissance.

The ACM Survey was conducted to categorize the different homogeneous materials within the building, to assess the condition of suspect ACMs, to develop and implement an asbestos sampling plan, and identify or negate the presence of asbestos through laboratory analysis.

In accordance with the Agreement, this ACM Survey focused on major interior building systems and select exterior components with potential to contain asbestos. Furthermore, A3E is not responsible for damage and/or repairs to slightly damaged materials resulting from the collection of bulk samples. A3E did not sample any roofing materials or components due to safety reasons (snow on roof) and from preventing any further damage to the roof. At the time A3E performed the field work, A3E was able to sample the shingles of the roof and did not observe any other roofing materials from below the roof from the inside.

All materials that are positive for asbestos have been quantified by A3E as good faith estimates. These good faith estimates should be verified by any general contractor or abatement company, prior to commencement of work, to determine the actual amount of identified materials that needs to be removed/abated.

It is also possible that additional suspect or assumed ACMs may be present within inaccessible areas of the building, such as above fixed ceilings, in wall systems, behind walls, beneath layers of flooring, roof core layers, within pipe chases, in mechanical equipment insulation, in electrical components, and within HVAC equipment; therefore, these materials may not have been observed or sampled during this limited ACM Survey. It should be noted that any other suspect materials within the site building not sampled as part of this limited ACM Survey should be assumed to be ACM until proven otherwise prior to future renovation or demolition activities.

3.0 SITE DESCRIPTION

3.1 Site Location Information

The 1228 Watson Street site is currently a vacant single family home.

3.2 Building Description

The 1228 Watson Street facility is a vacant 700 square foot single family home that was built in 1960. The building has a basement with 2 small sheds. The house is constructed of wood with ceiling tiles, drywall, carpet, linoleum and sheet flooring. The Subject Property is located on the east side of Watson Street.

3.3 Prior Environmental Documentation

No prior asbestos related documentation was received by A3E from Kane County Purchasing Department.

4.0 RESULTS

Bulk sampling of homogeneous areas containing suspect ACMs was conducted at the site. A homogeneous area is defined as an area of surfacing material, thermal system insulation material or miscellaneous material that is uniform in appearance, color and texture, and was applied at the same time.

Prior to collection of suspect materials, the sample location was sprayed with amended water to minimize fiber release and to soften the building material being sampled. Bulk materials were sampled from the center of the wetted area. After the sample was taken, the bulk material was placed in a sample bag which was sealed to prevent escape or contamination of outside sources. A unique sample number was assigned to each sample and the sample bag was labeled with that number.

The field activities were conducted during January 31st, 2023, by Mr. Patrick W. Hook, a licensed Illinois Department of Public Health (IDPH) asbestos inspector. RPS collected a total of 49 bulk samples of suspect ACMs from 16 homogeneous materials identified at the 1228 Watson Street facility. It is important to note that in many instances, additional material layers (i.e. mastics/glues/adhesives/layers) associated with the 49 bulk samples were also analyzed, thus increasing the total number of samples to 74.

Asbestos includes chrysotile, amosite, crocidolite, anthophyllite, tremolite and actinolite (fibrous minerals). The analytical report relates only to the samples tested. Samples were analyzed using PLM with dispersion staining via EPA Method 600/R-93/116 or equivalent for bulk asbestos materials. The reliable limit of detection of this method is one percent (1%) asbestos content. When no asbestos is detected in the sample submitted, the results are reported as *None Detected*. If a sample contains greater than 1% asbestos, it is considered to be an asbestos-containing material by EPA-NESHAPs, OSHA, IEPA and IDPH.

The following tables describes materials sampled, locations, analytical results, friability, condition, and quantity estimates of materials sampled at each building. Building materials identified at the facility to contain greater than 1% asbestos are bolded.

4.1 Survey Methods & Results

Suspect materials such as floor tile, mastics, glues, adhesives, ceramics and roofing are classified as NOB materials. As such, the EPA recommends further analysis of these type materials using TEM analysis or the EPA 600/R-93/116 400 Point Count Method for PLM samples identified to be less than 10% asbestos or to be inconclusive by PLM. TEM and/or point counting were not included in the base scope of services for this project.

Notes:

ND = No Asbestos Detected

LF = Linear Feet

SF = Square Feet

NA = Not Applicable

Underlined = Positive Component

Sample Table

| Sample # | Sample Description | Material Location | Lab Results | Friability/ Condition | Estimated Quantity | NESHAP Category |
|--|---|--------------------------------------|---------------|-----------------------|--------------------|-----------------|
| 1228 Watson Street Aurora IL - Vacant House | | | | | | |
| FT1-A,B,C | 9"x9" Tan and Blue Peel and Stick Floor Tile and Mastic | Bedroom 1 | ND | Not Friable | 72 SF | N/A |
| FT2-A,B,C | 9"x9" Brown <u>Floor Tile</u> Remnant and Mastic | In-Between Bedroom 1 and Living Room | 7% Chrysotile | Not Friable | 3 SF | RACM |
| SF1-A,B,C | Pink with Dots Sheet Flooring | Bedroom 2 | ND | Not Friable | 96 SF | N/A |
| FT3-A,B,C | Blue with White Square Peel and Stick Floor Tile and Mastic | Kitchen/ Laundry | ND | Not Friable | 193 SF | N/A |
| CTJ1-A,B,C | White Ceiling Tile Jacket | Kitchen | ND | Friable | 112 SF | N/A |

| Sample # | Sample Description | Material Location | Lab Results | Friability/ Condition | Estimated Quantity | NESHAP Category |
|-----------------|---|--|-------------|-----------------------|----------------------|-----------------|
| CWT1-A,B,C | White Decorative Ceramic Wall Tile System (Tile, Grout, Adhesive) | Kitchen | ND | Not Friable | 20 SF | N/A |
| LN1-A,B,C | Beige Square Pattern Linoleum and Mastic | Bathroom | ND | Not Friable | 56 SF | N/A |
| WTP1-A,B,C | White with Blue Flower Wall Tile Paneling | Bathroom | ND | Not Friable | 164 SF | N/A |
| FP1-A,B,C | Black Felt Paper (Under Carpet) | Living Room | ND | Friable | 288 SF | N/A |
| TW1-A,B,C | Textured Wall Coating | Living Room Closet & Kitchen Ceiling | ND | Not Friable | 96 SF | N/A |
| AI1-A,B,C | White Attic Insulation | Throughout 1st Floor | ND | Friable | 500 SF | N/A |
| DWS1-A, B, C, D | Drywall System (Drywall, Tape, Joint Compound) | Bedroom 1, W Living Room, E Living Room, Kitchen | ND | Friable | Throughout 1st Floor | N/A |
| WG1-A,B,C | White Exterior Window Glazing | N Window, Bedroom 1 Window, Bedroom 2 Window | ND | Friable | 72 LF | N/A |
| FP2-A,B,C | Black Felt Paper | Exterior Walls (Under Wood Siding) | ND | Friable | 1,032 SF | N/A |
| CB1-A,B,C | Cementitious Board | Under South Exterior Wood Siding | ND | Friable | 416 SF | N/A |
| SH1-A,B,C | Roof Shingles | New Shed, Old Shed, House Roof | ND | Friable | 1,344 SF | N/A |

4.2 Inspector Comments

A3E notes that the small basement was comprised of cinderblock, wood and metal building components so no ACM materials were observed in the basement. Also, the two sheds were constructed of wood materials with roof shingles (the shingles were sampled).

It is possible that additional suspect or assumed ACMs may be present within inaccessible areas of the building, such as above fixed ceilings, within wall systems, behind walls, beneath layers of flooring, roof core layers, within pipe chases, in mechanical equipment insulation, in electrical components, and within HVAC equipment; therefore, these materials may not have been observed or sampled during this ACM Survey. It should be noted that any other suspect materials within the site building not sampled as part of this limited ACM Survey should be assumed to be ACM until proven otherwise prior to future renovation or demolition activities.

Please note that asbestos is regulated under OSHA, EPA, NESHAP, IEPA and IDPH. You should also be aware that the EPA has not prohibited the manufacture of non-friable ACMs, such as vinyl floorings, mastics, joint compounds, and roofing materials as well as materials imported from other countries.

5.0 FINDINGS & CONCLUSIONS

Kane County Purchasing Department retained A3 Environmental (A3E) to conduct an Asbestos-Containing Material Survey (ACM Survey) of a commercial building located at 1228 Watson Street Aurora, Kane, IL 60505 (the facility or building).

A3E performed this ACM Survey as described in the authorized Agreement between Kane County Purchasing Department and A3E dated January 12, 2023. The ACM Survey was conducted to categorize the different homogeneous materials within the building, to assess the condition of suspect asbestos-containing materials (ACMs), to develop and implement an asbestos sampling plan, and identify or negate the presence of asbestos through laboratory analysis.

Asbestos includes chrysotile, amosite, crocidolite, anthophyllite, tremolite and actinolite (fibrous minerals). The analytical report relates only to the samples tested. Samples were analyzed using polarized light microscopy (PLM) with dispersion staining via EPA Method 600/R-93/116 or equivalent for bulk asbestos materials. The reliable limit of detection of this method is one percent (1%) asbestos content. When no asbestos is detected in the sample submitted, the results are reported as *None Detected*. If a sample contains greater than 1% asbestos, it is considered to be an asbestos-containing material by EPA-NESHAPs, OSHA, IEPA and IDPH. However, if a material contains less than 1%

asbestos, certain work practice requirements and prohibitions of the OSHA Asbestos in Construction Standard (29 CFR 1926.1101) must be followed (during activities where materials are disturbed such as re-modeling or demolition).

The following building materials were identified at the 1228 Watson Street site to contain greater than 1% asbestos; therefore, the building materials are required to be treated as regulated ACMs:

- Three square foot of brown 9"x9" floor tile remnants (in-between Bedroom 2 and Living Room)

In the event of building renovation or demolition activities, EPA-NESHAP and OSHA requirements for the management of identified ACMs (including less than 1%) or untested materials assumed to be ACM will apply. Therefore, a licensed asbestos abatement contractor should be retained to repair, remove, encapsulate, or encase the materials in accordance with applicable EPA-NESHAP, OSHA, IEPA and IDPH rules and regulations for proper asbestos management activities. Should ACM materials be left in place, an asbestos operations and maintenance plan should be implemented for proper asbestos management activities.

6.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL(S)

This ACM Survey was performed as described in the authorized Agreement between Kane County Purchasing Department and A3E dated January 12, 2023 and documents the sampling methodology used by qualified environmental professionals of A3E to obtain, identify, and summarize information pertaining to ACMs located within a former Vacant House located at 1228 Watson Street Aurora, Kane, IL 60505 (the facility or building).

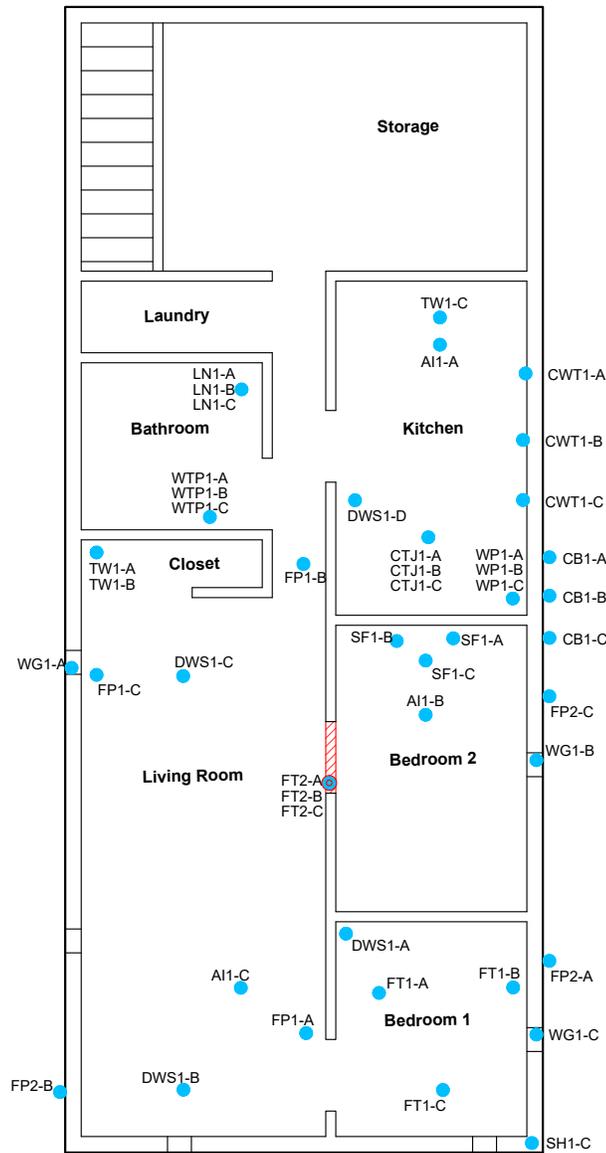
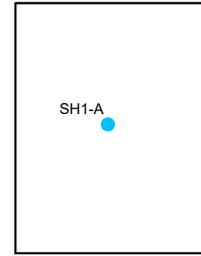
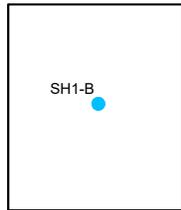
Performed and Prepared By:



Patrick W. Hook, P.G.
Lead Consultant, EPA AHERA Certified Asbestos Building Inspector, Project
Manager, IDPH #100-10967

Appendix A

Figures



Legend

● Asbestos Sample

⊙ Positive Sample

▨ Brown 9x9 Floor Tile Remnants (3 SF)

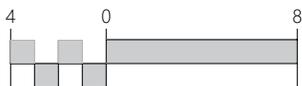


Figure 1

Asbestos Survey
1228 Watson Street,
Aurora, IL 60505

Prepared For:
Kane County Purchasing Department
719 South Batavia Avenue, Geneva, IL 60134

First Floor
Sample Location Plan

| | |
|-------------|-----------|
| Project No. | 2023.0126 |
| Date | 2.22.2023 |
| Drawn By | |
| Scale | 1" = 8' |



Appendix B

Laboratory Chain of Custody and

Analytical Report



EMSL Order Number / Lab Use Only

262300959

PHONE: (800) 220-3675

EMAIL: ConAslab@EMSL.com

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

If Bill-To is the same as Report-To leave this section blank. Third-party billing requires written authorization.

| | | | |
|-----------------------------|---------------------------|----------------------------|---|
| Customer Information | | Billing Information | |
| Customer ID: | | Billing ID: | |
| Company Name: | A3E | Company Name: | J |
| Contact Name: | Patrick W Hook | Billing Contact: | |
| Street Address: | 3030 Wareville Rd STE 418 | Street Address: | A |
| City, State, Zip: | Lisle, IL 60532 | City, State, Zip: | M |
| Phone: | 773-243-2533 | Phone: | |
| Email(s) for Report: | Patrick @ a3e.com | Email(s) for Invoice: | E |

| | | | |
|----------------------------|-----------------|---|--|
| Project Information | | Purchase Order: | |
| Project Name/No: | 2023_0126 | US State where samples collected: | IL |
| EMSL LIMS Project ID: | | State of Connecticut (CT) must select project location: | <input type="checkbox"/> Commercial (Taxable) <input type="checkbox"/> Residential (Non-Taxable) |
| Sampled By Name: | Patrick W. Hook | Sampled By Signature: | Patrick W Hook |
| | | No. of Samples in Shipment: | |

Turn-Around-Time (TAT)

3 Hour
 4.5 Hour (AHERA ONLY)
 6 Hour
 24 Hour
 32 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

TEM Air 3-6 Hour, please call ahead to schedule. 32 Hour TAT available for select tests only; samples must be submitted by 11:30 am.

Test Selection

| | | |
|--|--|--|
| <p>PCM Air</p> <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> NIOSH 7400 w/ 8hr. TWA <p>PLM - Bulk (reporting limit)</p> <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) <input type="checkbox"/> POINT COUNT <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1,000 (<0.1%) <input type="checkbox"/> POINT COUNT w/ GRAVIMETRIC <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1,000 (<0.1%) <input type="checkbox"/> NIOSH 9002 (<1%) <input type="checkbox"/> NYS 198.1 (Friable - NY) <input type="checkbox"/> NYS 198.6 NOB (Non-Friable - NY) <input type="checkbox"/> NYS 198.8 (Vermiculite SM-V) | <p>TEM - Air</p> <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312* <p>TEM - Bulk</p> <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (Non-Friable-NY) <input type="checkbox"/> TEM EPA 600/R-93/116 w Milling Prep (0.1%) <p>Other Test (please specify)</p> | <p>TEM - Settled Dust</p> <input type="checkbox"/> Microvac - ASTM D5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Qualitative via Filtration Prep <input type="checkbox"/> Qualitative via Drop Mount Prep <p>Soil - Rock - Vermiculite (reporting limit)*</p> <input type="checkbox"/> PLM EPA 600/R-93/116 with milling prep (<0.25%) <input type="checkbox"/> PLM EPA 600/R-93/116 with milling prep (<0.1%) <input type="checkbox"/> TEM EPA 600/R-93/116 with milling prep (<0.1%) <input type="checkbox"/> TEM Qualitative via Filtration Prep <input type="checkbox"/> TEM Qualitative via Drop Mount Prep |
|--|--|--|

*Please call with your project-specific requirements.

Positive Stop - Clearly Identified Homogeneous Areas (HA) Filter Pore Size (Air Samples) 0.8um 0.45um

| Sample Number | Sample Location / Description | Volume, Area or Homogeneous Area | Date / Time Sampled (Air Monitoring Only) |
|---------------|---|----------------------------------|---|
| FT1 - A | 9" x 9" Tan & Blue Peel & Stick Floor Tile and Mastic | | January 31, 2023 |
| - B | | | |
| - C | | | |
| FT2 - A | 9" x 9" Brown Floor Tile Remnant & Mastic | | |
| - B | | | |
| - C | | | |

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

| | |
|-------------------------------------|--------------------------------|
| Method of Shipment: | Sample Condition Upon Receipt: |
| Relinquished by: <i>[Signature]</i> | Date/Time: January 31, 2023 |
| Relinquished by: | Date/Time: |
| Received by: <i>[Signature]</i> | Date/Time: 1/31/23 4:58 PM |
| Received by: | Date/Time: |

Controlled Document - COC-05 Asbestos R16 10/28/2021 AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.



Asbestos Chain of Custody (Air, Bulk, Soil)
 EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.
 200 Route 130 North
 Cinnaminson, NJ 08077

-00959

PHONE: (800) 220-3675
 EMAIL: CinnAsblab@EMSL.com

EMSL ANALYTICAL, INC.
 TESTING LABS • PRODUCTS • TRAINING

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

| Sample Number | Sample Location / Description | Volume, Area or Homogeneous Area | Date / Time Sampled (Air Monitoring Only) |
|---------------|---|----------------------------------|---|
| SF1-A | Pink with Dots Sheet Flooring Bedroom | | January 31, 2023 |
| -B | | | |
| -C | | | |
| FT3-A | Blue with white square Peel & Stick Floor Tile and Mastic 12"x12" Kitchen | | |
| -B | | | |
| -C | | | |
| CTJ1-A | White Ceiling Tile Jacket Kitchen | | |
| -B | | | |
| -C | | | |
| CWT1-A | White Decorative Ceramic Wall Tile System (Tile, Grout, Adhesive) Kitchen | | |
| -B | | | |
| -C | | | |
| LN1-A | Beige Square Pattern Linoleum and Mastic Bathroom | | |
| -B | | | |
| -C | | | |
| WTPI-A | White with Blue Flower Wall Tile Paneling Bathroom | | |
| -B | | | |
| -C | | | |
| FP1-A | Black Felt Paper (under Carpet) Living Room | | |
| -B | | | |
| -C | | | |
| TW1-A | Textured Wall Coating Living Room Closet | | |
| -B | | | |
| -C | Kitchen Ceiling | | |

| | | | |
|---------------------|------------|--------------------------------|------------|
| Method of Shipment: | | Sample Condition Upon Receipt: | |
| Relinquished by: | Date/Time: | Received by: | Date/Time: |
| Relinquished by: | Date/Time: | Received by: | Date/Time: |

Controlled Document - COC-05 Asbestos R18 10/26/2021

AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

2023



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Customer ID: ATRE42
Customer PO:
Project ID:

Attention: Patrick Hook
A3E
3030 Warrenville Road
Suite 418
Lisle, IL 60532
Project: 2023-0126

Phone: (888) 405-1742
Fax:
Received Date: 01/31/2023 4:58 PM
Analysis Date: 02/01/2023 - 02/02/2023
Collected Date: 01/31/2023

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

| Sample | Description | Appearance | Non-Asbestos | | Asbestos |
|------------------------------------|--|---|---------------|--------------------------|---------------|
| | | | % Fibrous | % Non-Fibrous | % Type |
| FT1-A-Floor Tile 262300959-0001 | BEDROOM 1 - 9"X9" TAN & BLUE PEEL & STICK FLOOR TILE AND MASTIC | Tan/Blue Non-Fibrous Homogeneous | 40% Cellulose | 60% Non-fibrous (Other) | None Detected |
| FT1-A-Mastic 262300959-0001A | BEDROOM 1 - 9"X9" TAN & BLUE PEEL & STICK FLOOR TILE AND MASTIC | Brown/Black Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| FT1-B-Floor Tile 262300959-0002 | BEDROOM 1 - 9"X9" TAN & BLUE PEEL & STICK FLOOR TILE AND MASTIC | Tan/Blue Non-Fibrous Homogeneous | 40% Cellulose | 60% Non-fibrous (Other) | None Detected |
| FT1-B-Mastic 262300959-0002A | BEDROOM 1 - 9"X9" TAN & BLUE PEEL & STICK FLOOR TILE AND MASTIC | Brown/Black Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| FT1-C-Floor Tile 262300959-0003 | BEDROOM 1 - 9"X9" TAN & BLUE PEEL & STICK FLOOR TILE AND MASTIC | Tan/Blue Non-Fibrous Homogeneous | 40% Cellulose | 60% Non-fibrous (Other) | None Detected |
| FT1-C-Mastic 262300959-0003A | BEDROOM 1 - 9"X9" TAN & BLUE PEEL & STICK FLOOR TILE AND MASTIC | Brown/Black Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| FT2-A-Floor Tile 262300959-0004 | IN BETWEEN BR1 AND LIVING ROOM - 9" X9" BROWN FLOOR TILE REMNANT & MASTIC | Brown Non-Fibrous Homogeneous | | 93% Non-fibrous (Other) | 7% Chrysotile |
| FT2-A-Mastic 262300959-0004A | IN BETWEEN BR1 AND LIVING ROOM - 9" X9" BROWN FLOOR TILE REMNANT & MASTIC | Black Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| FT2-B-Floor Tile 262300959-0005 | IN BETWEEN BR1 AND LIVING ROOM - 9" X9" BROWN FLOOR TILE REMNANT & MASTIC | Brown Non-Fibrous Homogeneous | | 93% Non-fibrous (Other) | 7% Chrysotile |
| FT2-B-Mastic 262300959-0005A | IN BETWEEN BR1 AND LIVING ROOM - 9" X9" BROWN FLOOR TILE REMNANT & MASTIC | Black Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |

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EMSL Order: 262300959
Customer ID: ATRE42
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Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

| Sample | Description | Appearance | Non-Asbestos | | Asbestos |
|------------------------------------|---|--|---------------|--------------------------|---------------|
| | | | % Fibrous | % Non-Fibrous | % Type |
| FT2-C-Floor Tile 262300959-0006 | IN BETWEEN BR1 AND LIVING ROOM - 9" X9" BROWN FLOOR TILE REMNANT & MASTIC | Brown Non-Fibrous Homogeneous | | 93% Non-fibrous (Other) | 7% Chrysotile |
| FT2-C-Mastic 262300959-0006A | IN BETWEEN BR1 AND LIVING ROOM - 9" X9" BROWN FLOOR TILE REMNANT & MASTIC | Black Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| SF1-A 262300959-0007 | BEDROOM 2 - PINK WITH DOTS SHEET FLOORING | Brown/Pink Non-Fibrous Homogeneous | 30% Cellulose | 70% Non-fibrous (Other) | None Detected |
| SF1-B 262300959-0008 | BEDROOM 2 - PINK WITH DOTS SHEET FLOORING | Brown/Pink Non-Fibrous Homogeneous | 30% Cellulose | 70% Non-fibrous (Other) | None Detected |
| SF1-C 262300959-0009 | BEDROOM 2 - PINK WITH DOTS SHEET FLOORING | Brown/Pink Non-Fibrous Homogeneous | 30% Cellulose | 70% Non-fibrous (Other) | None Detected |
| FT3-A-Floor Tile 262300959-0010 | KITCHEN - BLUE WITH WHITE SQUARE PEEL & STICK FLOOR TILE AND MASTIC 12"X12" | White/Blue Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| FT3-A-Mastic 262300959-0010A | KITCHEN - BLUE WITH WHITE SQUARE PEEL & STICK FLOOR TILE AND MASTIC 12"X12" | Yellow/Clear Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| FT3-B-Floor Tile 262300959-0011 | KITCHEN - BLUE WITH WHITE SQUARE PEEL & STICK FLOOR TILE AND MASTIC 12"X12" | White/Blue Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| FT3-B-Mastic 262300959-0011A | KITCHEN - BLUE WITH WHITE SQUARE PEEL & STICK FLOOR TILE AND MASTIC 12"X12" | Yellow/Clear Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| FT3-C-Floor Tile 262300959-0012 | KITCHEN - BLUE WITH WHITE SQUARE PEEL & STICK FLOOR TILE AND MASTIC 12"X12" | White/Blue Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| FT3-C-Mastic 262300959-0012A | KITCHEN - BLUE WITH WHITE SQUARE PEEL & STICK FLOOR TILE AND MASTIC 12"X12" | Yellow/Clear Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| CTJ1-A 262300959-0013 | KITCHEN - WHITE CEILING TILE JACKET | White/Yellow Non-Fibrous Homogeneous | 20% Min. Wool | 80% Non-fibrous (Other) | None Detected |

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Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

| Sample | Description | Appearance | Non-Asbestos | | Asbestos |
|---------------------------------------|--|--|---------------|--------------------------|---------------|
| | | | % Fibrous | % Non-Fibrous | % Type |
| CTJ1-B 262300959-0014 | KITCHEN - WHITE CEILING TILE JACKET | White/Yellow Non-Fibrous Homogeneous | 20% Min. Wool | 80% Non-fibrous (Other) | None Detected |
| CTJ1-C 262300959-0015 | KITCHEN - WHITE CEILING TILE JACKET | White/Yellow Non-Fibrous Homogeneous | 20% Min. Wool | 80% Non-fibrous (Other) | None Detected |
| CWT1-A-Ceramic Tile 262300959-0016 | KITCHEN - WHITE DECORATIVE CERAMIC TILE SYSTEM (TILE,GROUT, ADHESIVE) | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| CWT1-A-Grout 262300959-0016A | KITCHEN - WHITE DECORATIVE CERAMIC TILE SYSTEM (TILE,GROUT, ADHESIVE) | Gray Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| CWT1-A-Adhesive 262300959-0016B | KITCHEN - WHITE DECORATIVE CERAMIC TILE SYSTEM (TILE,GROUT, ADHESIVE) | Beige Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| CWT1-B-Ceramic Tile 262300959-0017 | KITCHEN - WHITE DECORATIVE CERAMIC TILE SYSTEM (TILE,GROUT, ADHESIVE) | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| CWT1-B-Grout 262300959-0017A | KITCHEN - WHITE DECORATIVE CERAMIC TILE SYSTEM (TILE,GROUT, ADHESIVE) | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| CWT1-B-Adhesive 262300959-0017B | KITCHEN - WHITE DECORATIVE CERAMIC TILE SYSTEM (TILE,GROUT, ADHESIVE) | Beige Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| CWT1-C-Ceramic Tile 262300959-0018 | KITCHEN - WHITE DECORATIVE CERAMIC TILE SYSTEM (TILE,GROUT, ADHESIVE) | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| CWT1-C-Grout 262300959-0018A | KITCHEN - WHITE DECORATIVE CERAMIC TILE SYSTEM (TILE,GROUT, ADHESIVE) | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| CWT1-C-Adhesive 262300959-0018B | KITCHEN - WHITE DECORATIVE CERAMIC TILE SYSTEM (TILE,GROUT, ADHESIVE) | Beige Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |

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Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

| Sample | Description | Appearance | Non-Asbestos | | Asbestos |
|----------------------------------|--|---|---------------------------|--------------------------|---------------|
| | | | % Fibrous | % Non-Fibrous | % Type |
| LN1-A-Linoleum 262300959-0019 | BATHROOM - BEIGE SQUARE PATTERN LINOLEUM AND MASTIC | Beige Non-Fibrous Homogeneous | 15% Cellulose 5% Glass | 80% Non-fibrous (Other) | None Detected |
| LN1-A-Mastic 262300959-0019A | BATHROOM - BEIGE SQUARE PATTERN LINOLEUM AND MASTIC | Yellow Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| LN1-B-Linoleum 262300959-0020 | BATHROOM - BEIGE SQUARE PATTERN LINOLEUM AND MASTIC | Beige Non-Fibrous Homogeneous | 15% Cellulose 5% Glass | 80% Non-fibrous (Other) | None Detected |
| LN1-B-Mastic 262300959-0020A | BATHROOM - BEIGE SQUARE PATTERN LINOLEUM AND MASTIC | Yellow Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| LN1-C-Linoleum 262300959-0021 | BATHROOM - BEIGE SQUARE PATTERN LINOLEUM AND MASTIC | Beige Non-Fibrous Homogeneous | 15% Cellulose 5% Glass | 80% Non-fibrous (Other) | None Detected |
| LN1-C-Mastic 262300959-0021A | BATHROOM - BEIGE SQUARE PATTERN LINOLEUM AND MASTIC | Yellow Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| WTP1-A 262300959-0022 | BATHROOM - WHITE WITH BLUE FLOWER WALL TILE PANELING | Brown/White Fibrous Homogeneous | 70% Cellulose | 30% Non-fibrous (Other) | None Detected |
| WTP1-B 262300959-0023 | BATHROOM - WHITE WITH BLUE FLOWER WALL TILE PANELING | Brown/White Fibrous Homogeneous | 70% Cellulose | 30% Non-fibrous (Other) | None Detected |
| WTP1-C 262300959-0024 | BATHROOM - WHITE WITH BLUE FLOWER WALL TILE PANELING | Brown/White Fibrous Homogeneous | 70% Cellulose | 30% Non-fibrous (Other) | None Detected |
| FP1-A 262300959-0025 | LIVING ROOM - BLACK FELT PAPER (UNDER CARPET) | Brown/Black Fibrous Homogeneous | 70% Cellulose | 30% Non-fibrous (Other) | None Detected |
| FP1-B 262300959-0026 | LIVING ROOM - BLACK FELT PAPER (UNDER CARPET) | Brown/Black Fibrous Homogeneous | 70% Cellulose | 30% Non-fibrous (Other) | None Detected |
| FP1-C 262300959-0027 | LIVING ROOM - BLACK FELT PAPER (UNDER CARPET) | Brown/Black Fibrous Homogeneous | 70% Cellulose | 30% Non-fibrous (Other) | None Detected |
| TW1-A 262300959-0028 | LIVING ROOM CLOSET - TEXTURED WALL COATING | White/Beige Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| TW1-B 262300959-0029 | LIVING ROOM CLOSET - TEXTURED WALL COATING | White/Beige Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| TW1-C 262300959-0030 | KITCHEN CEILING - TEXTURED WALL COATING | White/Beige Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |

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Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

| Sample | Description | Appearance | Non-Asbestos | | Asbestos |
|---|---|---|---------------|--------------------------|---------------|
| | | | % Fibrous | % Non-Fibrous | % Type |
| A11-A 262300959-0031 | ATTIC - WHITE ATTIC INSULATION | Gray Fibrous Homogeneous | 98% Min. Wool | 2% Non-fibrous (Other) | None Detected |
| A11-B 262300959-0032 | ATTIC - WHITE ATTIC INSULATION | Gray Non-Fibrous Homogeneous | 98% Min. Wool | 2% Non-fibrous (Other) | None Detected |
| A11-C 262300959-0033 | ATTIC - WHITE ATTIC INSULATION | Gray Fibrous Homogeneous | 98% Min. Wool | 2% Non-fibrous (Other) | None Detected |
| DWS1-A-Drywall 262300959-0034 | BEDROOM 1 - DRYWALL SYSTEM (DRYWALL, TAPE, JOINT COMPOUND) | Brown/White Non-Fibrous Homogeneous | 10% Cellulose | 90% Non-fibrous (Other) | None Detected |
| DWS1-A-Tape 262300959-0034A | BEDROOM 1 - DRYWALL SYSTEM (DRYWALL, TAPE, JOINT COMPOUND) | White Fibrous Homogeneous | 98% Cellulose | 2% Non-fibrous (Other) | None Detected |
| DWS1-A-Joint Compound 262300959-0034B | BEDROOM 1 - DRYWALL SYSTEM (DRYWALL, TAPE, JOINT COMPOUND) | White/Beige Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| DWS1-B-Drywall 262300959-0035 | W LIVING ROOM - DRYWALL SYSTEM (DRYWALL, TAPE, JOINT COMPOUND) | Brown/White Non-Fibrous Homogeneous | 10% Cellulose | 90% Non-fibrous (Other) | None Detected |
| DWS1-B-Tape 262300959-0035A | W LIVING ROOM - DRYWALL SYSTEM (DRYWALL, TAPE, JOINT COMPOUND) | White Fibrous Homogeneous | 98% Cellulose | 2% Non-fibrous (Other) | None Detected |
| DWS1-B-Joint Compound 262300959-0035B | W LIVING ROOM - DRYWALL SYSTEM (DRYWALL, TAPE, JOINT COMPOUND) | Beige Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| DWS1-C-Drywall 262300959-0036 | E LIVING ROOM - DRYWALL SYSTEM (DRYWALL, TAPE, JOINT COMPOUND) | Brown/White Non-Fibrous Homogeneous | 10% Cellulose | 90% Non-fibrous (Other) | None Detected |
| DWS1-C-Tape 262300959-0036A | E LIVING ROOM - DRYWALL SYSTEM (DRYWALL, TAPE, JOINT COMPOUND) | White Fibrous Homogeneous | 98% Glass | 2% Non-fibrous (Other) | None Detected |
| DWS1-C-Joint Compound 262300959-0036B | E LIVING ROOM - DRYWALL SYSTEM (DRYWALL, TAPE, JOINT COMPOUND) | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| DWS1-D-Drywall 262300959-0037 | KITCHEN - DRYWALL SYSTEM (DRYWALL, TAPE, JOINT COMPOUND) | Brown/White Non-Fibrous Homogeneous | 10% Cellulose | 90% Non-fibrous (Other) | None Detected |
| DWS1-D-Joint Compound 262300959-0037A | KITCHEN - DRYWALL SYSTEM (DRYWALL, TAPE, JOINT COMPOUND) | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| WG1-A 262300959-0038 | W WINDOW - WHITE EXTERIOR WINDOW GLAZING | Gray/White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |

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Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

| Sample | Description | Appearance | Non-Asbestos | | Asbestos |
|-------------------------|--|--|---------------|--------------------------|---------------|
| | | | % Fibrous | % Non-Fibrous | % Type |
| WG1-B 262300959-0039 | BEDROOM 1 WINDOW - WHITE EXTERIOR WINDOW GLAZING | Gray/White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| WG1-C 262300959-0040 | BEDROOM 2 WINDOW - WHITE EXTERIOR WINDOW GLAZING | Gray/White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| FP2-A 262300959-0041 | EXTERIOR WALLS - BLACK FELT PAPER UNDER WOOD SIDING | Black Fibrous Homogeneous | 70% Cellulose | 30% Non-fibrous (Other) | None Detected |
| FP2-B 262300959-0042 | EXTERIOR WALLS - BLACK FELT PAPER UNDER WOOD SIDING | Black Fibrous Homogeneous | 70% Cellulose | 30% Non-fibrous (Other) | None Detected |
| FP2-C 262300959-0043 | EXTERIOR WALLS - BLACK FELT PAPER UNDER WOOD SIDING | Black Fibrous Homogeneous | 70% Cellulose | 30% Non-fibrous (Other) | None Detected |
| CB1-A 262300959-0044 | UNDER SOUTH EXTERIOR SIDING - CEMENTITIOUS BOARD | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| CB1-2 262300959-0045 | UNDER SOUTH EXTERIOR SIDING - CEMENTITIOUS BOARD | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| CB1-3 262300959-0046 | UNDER SOUTH EXTERIOR SIDING - CEMENTITIOUS BOARD | White Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| SH1-A 262300959-0047 | NEW SHED - ROOF SHINGLES | Gray/Black Non-Fibrous Homogeneous | 20% Cellulose | 80% Non-fibrous (Other) | None Detected |
| SH1-B 262300959-0048 | OLD SHED - ROOF SHINGLES | Gray/Black/Green Non-Fibrous Homogeneous | 20% Cellulose | 80% Non-fibrous (Other) | None Detected |
| SH1-C 262300959-0049 | HOUSE - ROOF SHINGLES | Gray/Black Non-Fibrous Homogeneous | 20% Cellulose | 80% Non-fibrous (Other) | None Detected |

Analyst(s)
Cristian Nunez (26)
Mazen Elkhatib (48)

James Hahn, Laboratory Manager
or Other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc. Hillside, IL NVLAP Lab Code 200399-0

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Appendix C

Photographic Documentation



1
TEXTURED WALL COATING



2
WHITE WITH BLUE FLOWER WALL TILE PANELING



3
VIEW OF WEST SIDE OF HOUSE



4
SOUTH SIDE OF HOUSE



5
NEW SHED SHINGLES



6
OLD SHED SHINGLES



7
EAST SIDE OF HOUSE



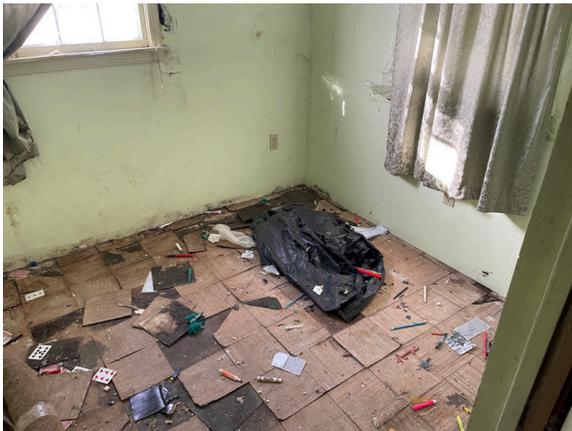
8
NORTH SIDE OF HOUSE



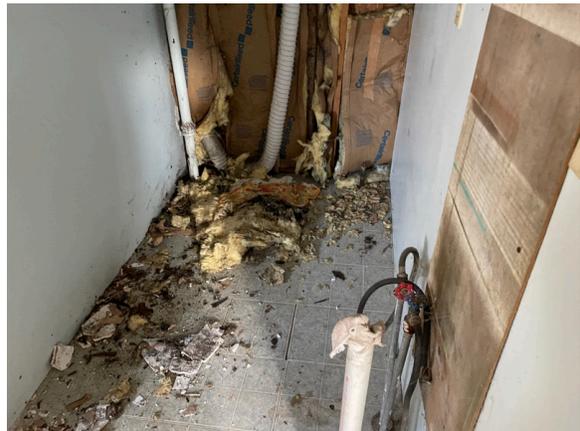
9
BLACK FELT PAPER UNDER WOOD SIDING



10
LIVING ROOM



11
BEDROOM 1



12
LAUNDRY AREA



13
BEDROOM 2



14
BATHROOM



15
FELT PAPER



16
KITCHEN (BLUE WITH WHITE SQUARE PEEL AND
STICK FLOOR TILE AND WHITE ATTIC INSULATION)



17
EAST ROOM



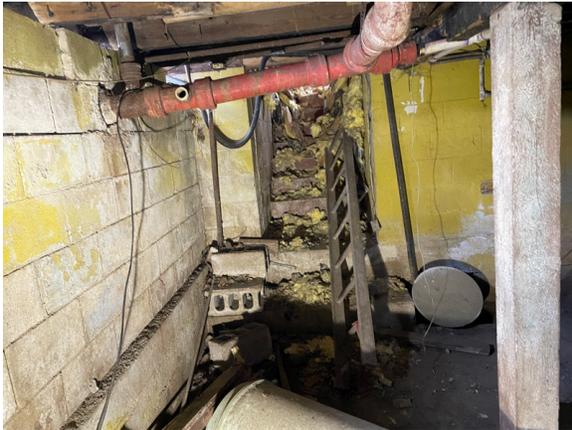
18
ENTRANCE TO BASEMENT



19
BASEMENT STORAGE ROOM



20
BASEMENT HVAC



21
BASEMENT STAIRS



22
BASEMENT



23
WHITE DECORATIVE WALL TILE IN KITCHEN



24
BEIGE SQUARE PATTERN LINOLEUM IN BATHROOM



25
BLUE WITH WHITE SQUARE PEEL AND STICK FLOOR
TILE (KITCHEN AND LAUNDRY)



26
DRYWALL SYSTEM



27
9"x9" BROWN FLOOR TILE REMNANT



28
WHITE CEILING TILE JACKET



29
BLACK FELT PAPER IN LIVING ROOM (UNDER
CARPET)



30
PINK WITH DOTS SHEET FLOORING



31
BLACK FELT PAPER IN LIVING ROOM (UNDER
CARPET)



32
DRYWALL SYSTEM



33
EXTERIOR WINDOW GLAZING



34
TAN AND BLUE PEEL AND STICK FLOOR TILE AND
MASTIC



35
OLD SHED



36
NEW SHED



37
BLACK FELT PAPER UNDER EXTERIOR WOOD SIDING



38
CEMENTITIOUS BOARD UNDER WOOD SIDING (SOUTH
SIDE ONLY)

Appendix D

Certifications



525-535 West Jefferson Street • Springfield, Illinois 62761-0001 • www.dph.illinois.gov

PATRICK W HOOK
 724 PETITE LAKE RD
 LAKE VILLA, IL 60046

2/17/2022

ASBESTOS PROFESSIONAL LICENSE ID NUMBER: 10967

Enclosed is your Asbestos Professional License. Please note the expiration date on the card and in the image depicted below.

COPY OF THE ASBESTOS PROFESSIONAL LICENSE

Front of License

Back of License

| | | | | | | |
|---|-----------|---|--|---|---------------------|-------------------|
|  | | | ASBESTOS PROFESSIONAL LICENSE | | ENDORSEMENTS | TC EXPIRES |
| ID NUMBER | ISSUED | EXPIRES | INSPECTOR | | 1/7/2023 | |
| 100 - 10967 | 2/17/2022 | 05/15/2023 | PROJECT MANAGER | | 1/8/2023 | |
| PATRICK W HOOK 724 PETITE LAKE RD LAKE VILLA, IL 60046 Environmental Health | |  | | Alteration of this license shall result in legal action This license issued under authority of the State of Illinois Department of Public Health This license is valid only when accompanied by a valid training course certificate. | | |

If you have any questions or need further assistance, contact the Asbestos Program at (217)782-3517 or fax (217)785-5897.

Our WEB address is: dph.illinois.gov/topics-services/environmental-health-protection/asbestos

EMAIL Address: dph.asbestos@illinois.gov



OCCUPATIONAL TRAINING & SUPPLY, INC.

Asbestos Abatement Supervisor Refresher

Occupational Training & Supply, Inc. certifies that

Patrick Wayne Hook

has successfully completed the Asbestos Abatement Supervisor Refresher course and has passed the competency exam with a minimum score of 70%. The course is accredited by the Illinois Department of Public Health and Indiana Department of Environmental Management for purposes of accreditation in accordance with EPA 40 CFR 763, Asbestos Hazard Emergency Response Act (AHERA) and TSCA Title II.

Course Date: 1/14/2023

Exam Date: 1/14/2023

Expiration Date: 1/14/2024

Certificate Number: ASR2301140103


Kathy DeSalvo, Director



OCCUPATIONAL TRAINING & SUPPLY, INC.

Asbestos Building Inspector Refresher

Occupational Training & Supply, Inc. certifies that
Patrick Wayne Hook

has successfully completed the Asbestos Building Inspector Refresher course and has passed the competency exam with a minimum score of 70%. The course is accredited by the Illinois Department of Public Health and Indiana Department of Environmental Management for purposes of accreditation in accordance with EPA 40 CFR 763, Asbestos Hazard Emergency response Act (AHERA) and TSCA Title II.

Course Date: 1/13/2023

Exam Date: 1/13/2023

Expiration Date: 1/13/2024

Certificate Number: BIR2301130074

Kathy DeSalvo, Director