

Appendix B



ASBESTOS INSPECTION AND BULK SAMPLING

LOCATION

**4933 FEMRITE DR
MADISON, WI**

CLIENT

**CITY OF MADISON ENGINEERING DIVISION
JANET SCHMIDT**

DATE OF INSPECTION

JANUARY 31, 2020

Advanced Health and Safety
5940 Seminole Centre Court Ste 225A
Madison, WI 53711
www.madisonasbestos.com

ASBESTOS INSPECTION & BULK SAMPLING

4933 Femrite Dr in Madison, Wisconsin

Advanced Health & Safety LLC (AHS) was contacted to conduct an asbestos survey at the aforementioned property.

AHS inspected the property on January 31, 2020. The property was inspected for the presence of asbestos containing building materials. Bulk samples were taken for building materials found suspect to contain asbestos, as discussed with the client. All samples were shipped overnight via Fed Ex. and were submitted to Triangle Environmental Services for analysis by Polarized Light Microscopy (PLM).

Four separate categories of materials (if applicable) will be listed for the property:

The first list (List A) will be of materials found to contain asbestos, which are **friable** or may become friable during demolition. It is **required** that these materials be removed by a certified asbestos abatement contractor prior to a demolition. **All asbestos materials in List A must be removed prior to a fire training burn.**

The second list (List B) will contain materials found to contain asbestos but are described as **Category II non-friable**. If the building is to be demolished, it is **required** that these materials be removed by a certified asbestos abatement contractor prior to a demolition. **All asbestos materials in List B must be removed prior to a fire training burn.**

The third list (List C) will contain materials found to contain asbestos but are described as **Category I non-friable**. If the building is to be demolished, the materials may be able to remain in the building during demolition if proper steps are taken and they do not become friable. These proper steps include but are not limited to: notifying the demolition contractor of the presence of asbestos, utilizing wet methods during demolition, notifying the landfill accepting the waste that non-friable Category I asbestos materials are present, and manifesting the waste. Also, if any of the building materials are to be recycled (ie, crushing concrete) then the asbestos must be removed from this building material. NESHAPS (DNR) does not regulate materials found at < 1% asbestos, however OSHA does still regulate materials that contain < 1% asbestos. If materials in List C are likely to be disturbed, the contractor shall ensure compliance with all appropriate OSHA regulations. **All asbestos materials in List C must be removed prior to a fire training burn.**

The fourth list (List D) will include materials that were sampled and found **not to contain** asbestos. **Removal is not required for these materials.**

Note: while abatement may/may not “required” for a demolition of a single family residence, it is recommended for disposal as well as neighbor relations & liability purposes. If any suspect materials are found during demolition/burn that has not been sampled during this inspection, work should cease and Advanced Health & Safety should be contacted to assess the situation. Inaccessible areas may exist inside walls.

Building/Dwelling: 4933 Femrite Dr in Madison, Wisconsin
Building Type: Residential
Inspector: Bob Stigsell
Inspector Contact Info: 608-243-8466 bob@madisonasbestos.com
Inspector Certification: AII-03628
Certification Expires: May 25, 2020
Inspection Date: January 31, 2020
Advanced Client Name: City of Madison Engineering Division
Client email: jschmidt@cityofmadison.com
Client Contact Info: (608) 261-9688

List A

Asbestos Containing Friable Materials

(Required to be Abated prior to Demolition or Burning)

9 Old green sheet vinyl flooring in the kitchen and bathroom. 180 ft.²

List B

Asbestos Containing Category II Non-Friable Materials (will become friable)

(Required to be Abated prior to Demolition or Burning)

| <u>Sample#</u> | <u>Description</u> |
|-----------------------|--|
| 14 | Exterior cement board siding. Approximately 1000 ft. ² . Some is assumed to be under the wood shake siding. |

List C

Asbestos Containing Category I Non-Friable Materials

(May Be Able To Remain In Building During Demo if Not Friable- Consult DNR)

(These Materials Must Be Abated Prior To Burning)

| <u>Sample#</u> | <u>Description</u> |
|-----------------------|--|
| 10A | 9-inch brown floor tiles from the back entrance. 40 ft. ² Assumed positive: Roofing shingles |

List D

Materials Found Not To Contain Asbestos At 1% Or Greater

(Both Tested or Known Not To Contain Asbestos)

(No Abatement Required)

| <u>Sample#</u> | <u>Description</u> |
|-----------------------|---|
| Shop | |
| 1 | 12-inch floor tiles with very little mastic in the bathroom. 50 ft. ² |
| 2 | Drywall/joint compound |
| House | |
| 3 | 9-inch floor tiles plus a very little mastic under the carpet in the living room. 270 ft. ² on a thin underlayment |

- 4 12-inch brown floor tiles from the back entrance. 40 ft.²
- 5 Asbestos paper on the ductwork in the basement. One boot
- 6 Chimney flue mortar from the basement
- 7 Top layer of 12 inch floor tiles in the kitchen. 140 ft.²
- 8 Newer 12-inch floor tiles in the bathroom on the first floor. 40 ft.
- 10B Black mastic from the back entrance. 40 ft.²
- 11 Flooring from the first floor south east bedroom. 120 ft.²
- 12 Flooring from the first floor north east bedroom. 120 ft.²
- 13 Sheet vinyl flooring from upstairs. 300 ft.²
- 15 Exterior window caulking
- 16 Exterior door caulking
- 17 Window glazing. 15 double hung windows
- 18 Black/gray tabs under the cement board siding. Each piece is about 2 inches wide and 1 foot long.
- 19 Black tarpaper under cement board siding

Universal waste

One fluorescent tube
One mercury thermostat
Furnace in the basement
Fuel oil tank

LICENSES/CERTIFICATION

BOB STIGSELL

LEAD INSPECTOR: LII-3628

ASBESTOS INSPECTOR: AII-3628

ASBESTOS SUPERVISOR: ACS-3628

ASBESTOS PROJECT DESIGNER: APD-3628

LEAD-SAFE RENOVATOR: LSR-3628

ASBESTOS MANAGEMENT PLANNER: AMP-3628

A COPY OF THE LICENSES WILL BE MADE AVAILABLE UPON REQUEST.

ASBESTOS AND LEAD PAINT SAMPLING RESULTS

TRIANGLE ENVIRONMENTAL SERVICE CENTER, INC.

13509 East Boundary Road, Suite B, Midlothian, VA 23112

804-739-1751 • fax: 804-739-1753

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: Advanced Health & Safety, LLC
5940 Seminole Centre Court, Suite 225A
Madison, WI 53711

TESC LOGIN #: 200203P

DATE OF RECEIPT: 2/3/2020
DATE OF ANALYSIS: 2/3/2020
DATE OF REPORT: 2/3/2020

CLIENT JOB/ #: **City of Madison Engineering Division**

JOB SITE: 4933 Fermite Dr in Madison, WI

ANALYST: B. Trimmer

| TESC SAMPLE # | CLIENT SAMPLE ID & GROSS DESCRIPTION | ESTIMATED % ASBESTOS | NON ASBESTOS % FIBERS | NON FIBROUS % MATERIALS |
|---------------|--------------------------------------|----------------------|-----------------------|-------------------------|
| 1A | 1-Tile / Tan vinyl | NAD | | 100% |
| 1B | 1-Mastic / Clear, yellow adhesive | NAD | | 100% |
| 2A | 2-Drywall / White powder | NAD | 5% Cellulose | 95% |
| 2B | 2-Joint Compound / White powder | NAD | | 100% |
| 3A | 3-Tile / Gray vinyl | NAD | | 100% |
| 3B | 3-Mastic / Yellow adhesive | NAD | | 100% |
| 4 | 4 / Brown vinyl | NAD | | 100% |
| 5 | 5 / Gray fibers | NAD | 98% Cellulose | 2% |
| 6 | 6 / Gray granular | NAD | | 100% |
| 7 | 7 / Beige vinyl | NAD | | 100% |

Samples are analyzed in accordance with "Interim Method for the Determination of Asbestos in Bulk Insulation Samples", EPA/600/R-93-116, July 1993 (EPA-600/M4-82-020, Dec 1982), or the current US EPA method for the analysis of asbestos in building material. None Detected: not detected at/or below the detected limit of method (Reporting limit: 1% Asbestos). Glass fiber is analyzed for quality control blank. TESC recommends by point count or Transmission Electron Microscopy (TEM), for materials regulated by the EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by Polarized Light Microscopy (PLM). Both services are available for an additional fee. This report must not be reproduced except in full with approval of Triangle Environmental Service Center, Inc. This test report relates only to the item(s) tested.

NVLAP Lab Code: 200794-0

[LEGEND NAD=No Asbestos Detected, Lino.=Linoleum, JC=Joint Compound]

Reviewed By Authorized Signatory:



Feng Jiang, MS Senior Geologist, Laboratory Director
Yuedong Fang, Senior Geologist

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BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: Advanced Health & Safety, LLC
5940 Seminole Centre Court, Suite 225A
Madison, WI 53711

TESC LOGIN #: 200203P

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DATE OF ANALYSIS: 2/3/2020
DATE OF REPORT: 2/3/2020

CLIENT JOB/ #: **City of Madison Engineering Division**

JOB SITE: 4933 Fermite Dr in Madison, WI

ANALYST: B. Trimmer

| TESC SAMPLE # | CLIENT SAMPLE ID & GROSS DESCRIPTION | ESTIMATED % ASBESTOS | NON ASBESTOS % FIBERS | NON FIBROUS % MATERIALS |
|---------------|---|----------------------|-----------------------|-------------------------|
| 8 | 8 / Gray vinyl | NAD | | 100% |
| 9 | 9 / Green lino., gray fibers | 25% Chrysotile | | 75% |
| 10A | 10-Tile / Brown vinyl | 5% Chrysotile | | 95% |
| 10B | 10-Mastic / Black adhesive | NAD | | 100% |
| 11A | 11-Lino. / Brown vinyl, black fibers | NAD | 70% Cellulose | 30% |
| 11B | 11-Mastic / Brown vinyl | NAD | | 100% |
| 12 | 12 / Black, gray, beige lino., black fibers | NAD | 80% Cellulose | 20% |
| 13 | 13 / Beige, gray lino., black fibers | NAD | 80% Cellulose | 20% |
| 14 | 14 / Gray granular, white fibers | 10% Chrysotile | | 90% |
| 15 | 15 / White adhesive | NAD | | 100% |

Samples are analyzed in accordance with "Interim Method for the Determination of Asbestos in Bulk Insulation Samples", EPA/600/R-93-116, July 1993 (EPA-600/M4-82-020, Dec 1982), or the current US EPA method for the analysis of asbestos in building material. None Detected: not detected at/or below the detected limit of method (Reporting limit: 1% Asbestos). Glass fiber is analyzed for quality control blank. TESC recommends by point count or Transmission Electron Microscopy (TEM), for materials regulated by the EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by Polarized Light Microscopy (PLM). Both services are available for an additional fee. This report must not be reproduced except in full with approval of Triangle Environmental Service Center, Inc. This test report relates only to the item(s) tested.

NVLAP Lab Code: 200794-0

[LEGEND NAD=No Asbestos Detected, Lino.=Linoleum, JC=Joint Compound]

Reviewed By Authorized Signatory:



Feng Jiang, MS Senior Geologist, Laboratory Director
Yuedong Fang, Senior Geologist

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13509 East Boundary Road, Suite B, Midlothian, VA 23112

804-739-1751 • fax: 804-739-1753

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: Advanced Health & Safety, LLC
5940 Seminole Centre Court, Suite 225A
Madison, WI 53711

TESC LOGIN #: 200203P

DATE OF RECEIPT: 2/3/2020
DATE OF ANALYSIS: 2/3/2020
DATE OF REPORT: 2/3/2020

CLIENT JOB/ #: **City of Madison Engineering Division**

JOB SITE: 4933 Fermite Dr in Madison, WI

ANALYST: B. Trimmer

| TESC SAMPLE # | CLIENT SAMPLE ID & GROSS DESCRIPTION | ESTIMATED % ASBESTOS | NON ASBESTOS % FIBERS | NON FIBROUS % MATERIALS |
|---------------|--------------------------------------|----------------------|-----------------------|-------------------------|
| 16 | 16 / Gray powder | NAD | | 100% |
| 17 | 17 / Tan, gray powder | NAD | | 100% |
| 18 | 18 / Black fibers | NAD | 98% Cellulose | 2% |
| 19 | 19 / Black fibers | NAD | 98% Cellulose | 2% |

Total Samples/Layers Analyzed: 24

Samples are analyzed in accordance with "Interim Method for the Determination of Asbestos in Bulk Insulation Samples", EPA/600/R-93-116, July 1993 (EPA-600/M4-82-020, Dec 1982), or the current US EPA method for the analysis of asbestos in building material. None Detected: not detected at/or below the detected limit of method (Reporting limit: 1% Asbestos). Glass fiber is analyzed for quality control blank. TESC recommends by point count or Transmission Electron Microscopy (TEM), for materials regulated by the EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by Polarized Light Microscopy (PLM). Both services are available for an additional fee. This report must not be reproduced except in full with approval of Triangle Environmental Service Center, Inc. This test report relates only to the item(s) tested.

NVLAP Lab Code: 200794-0

[**LEGEND** NAD=No Asbestos Detected, Lino.=Linoleum, JC=Joint Compound]

Reviewed By Authorized Signatory:



Feng Jiang, MS Senior Geologist, Laboratory Director
Yuedong Fang, Senior Geologist

200203P



ADVANCED
HEALTH & SAFETY

Asbestos Bulk Sampling

Analysis for:

Advanced Health & Safety LLC
5940 Seminole Centre Ct., Ste. 225A
Madison, Wisconsin 53711
Ph: 608-243-8466 bob@madisonasbestos.com

Analyzed by:

TESC
13509 East Boundary Road, Ste B
Midlothian, Virginia 23112
Phone: 804-739-1751

Advanced Client Name: City of Madison Engineering Division
Client Contact Info: jschmidt@cityofmadison.com
Client Phone Number: 608-261-9688
Project Site Location: 4933 Femrite Dr in Madison, WI
Sampling Date: January 31, 2020

| <u>Sample#</u> | <u>Description</u> |
|----------------|---|
| Shop | |
| 1 | 12-inch floor tiles with very little mastic in the bathroom. 50 ft. ² |
| 2 | Drywall/joint compound |
| House | |
| 3 | 9-inch floor tiles plus a very little mastic under the carpet in the living room. 270 ft. ² on a thin underlayment |
| 4 | 12-inch brown floor tiles from the back entrance. 40 ft. ² |
| 5 | Asbestos paper on the ductwork in the basement. One boot |
| 6 | Chimney flue mortar from the basement |
| 7 | Top layer of 12 inch floor tiles in the kitchen. 140 ft. ² |
| 8 | Newer 12-inch floor tiles in the bathroom on the first floor. 40 ft. |
| 9 | Old green sheet vinyl flooring in the kitchen and bathroom. 180 ft. ² |
| 10 | 9-inch brown floor tiles plus black mastic from the back entrance. 40 ft. ² |
| 11 | Flooring from the first floor south east bedroom. 120 ft. ² |
| 12 | Flooring from the first floor north east bedroom. 120 ft. ² |
| 13 | Sheet vinyl flooring from upstairs. 300 ft. ² |

Advanced Health and Safety
5940 Seminole Centre Court Ste 225A
Madison, WI 53711
www.madisonasbestos.com

Bob 2/3/20
845

200203P



- 14 Exterior cement board siding. Approximately 1000 ft.². Some is assumed to be under the wood shake siding.
- 15 Exterior window caulking
- 16 Exterior door caulking
- 17 Window glazing. 15 double hung windows
- 18 Black/gray tabs under the cement board siding. Each piece is about 2 inches wide and 1 foot long.
- 19 Black tarpaper under cement board siding

Universal waste

One fluorescent tube
One mercury thermostat
Furnace in the basement
Fuel oil tank

TURNAROUND TIME: X Same day turnaround

Relinquished by: Bob Stigsell

Date: January 31, 2020

Received by: _____

Date: 2/3/20 845^a

TRIANGLE ENVIRONMENTAL SERVICE CENTER, INC.

13509 East Boundary Road, Suite B, Midlothian, VA 23112 • 804-739-1751 • fax: 804-739-1753

LEAD IN PAINT SAMPLE ANALYSIS SUMMARY

(EPA METHOD 7000B / 3050B)

CLIENT: Advanced Health & Safety, LLC
5940 Seminole Centre Court, Suite 225A
Madison, WI 53711

TESC LOGIN #: 200203R

DATE OF RECEIPT: 2/3/2020
DATE OF ANALYSIS: 2/3/2020
DATE OF REPORT: 2/3/2020

CLIENT JOB #: **City of Madison Engineering Division**

JOBSITE: 4933 Femrite Drive, Madison, WI

ANALYST: SA

| TESC SAMPLE # | CLIENT SAMPLE # | SAMPLE WEIGHT (mg) | TOTAL LEAD (ug) | LEAD CONCENTRATION (% by Weight) | LEAD CONCENTRATION PPM |
|---------------|-----------------|--------------------|-----------------|----------------------------------|------------------------|
| 1 | Pb1 | 330 | 21.1 | 0.00639 | 63.9 |

Total Sample(s) Analyzed: 1

Reviewed By Authorized Signatory:



*Feng Jiang, MS Senior Geologist, Laboratory Director
Yuedong Fang, Senior*

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the customer. Sample information was provided by the customer. This report must not be reproduced, except in full, without the written consent of Triangle Environmental Service Center, Inc. The test report related only to the item(s) tested. This analysis was performed by an AIHA-LAP, LLC accredited laboratory: AIHA-LAP ID #100527

Minimum Reporting Limit: 20 ug. Lead Based Paint contains 0.5% lead by weight per Federal statute. The OSHA Lead in Construction Standard, 29 CFR 1926.62, is invoked if any lead is present in the sample. Lead-free paint is defined as <0.06% by weight (CPSC).

[LEGEND: mg= milligram, ug= microgram, ppm= parts per million]

200203R



Lead Paint Sampling

Analysis for:

Advanced Health & Safety LLC
5940 Seminole Centre Ct., Ste. 225A
Madison, Wisconsin 53711
Ph: 608-243-8466 bob@madisonasbestos.com

Analyzed by:

TESC
13509 East Boundary Road, Ste B
Midlothian, Virginia 23112
Phone: 804-739-1751

Advanced Client Name: City of Madison Engineering Division
Client Contact Info: jschmidt@cityofmadison.com
Client Phone Number: 608-261-9688
Project Site Location: 4933 Femrite Dr in Madison, WI
Sampling Date: January 31, 2020

| <u>Sample#</u> | <u>Description</u> |
|----------------|--|
| Pb1 | Paint from the concrete surfaces in the basement |

TURNAROUND TIME: X Same day turnaround

Relinquished by: Bob Stigsell

Date: January 31, 2020

Received by: _____

Date: 2/3/20 845

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5940 Seminole Centre Court Ste 225A
Madison, WI 53711
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