

Asbestos Inspection Report

SUBMITTED TO:

**City of Clinton Engineering Department
611 South Third Street
P. O. Box 2958
Clinton, IA 52733**

Asbestos Inspection

LOCATION:

**Commercial Building
1010 – 1012 South 4th Street
Clinton, IA 52732**

Prepared By:



**Environmental Management Services of Iowa, Inc.
5170 Wolff Road, #2
Dubuque, IA 52002-2563
(563) 583-0808**

ASBESTOS CONTAINING MATERIALS INSPECTION SUMMARY

CLIENT: City of Clinton Engineering Department, 611 South 3rd Street, P. O. Box 2958, Clinton, IA 52733 **Building Size:** 12,400 sq. ft.
of Floors: 4

BUILDING INSPECTED: Commercial Building, 1010 - 1012 South 4th Street, Clinton, IA 52732 **Year Constructed:** 1912

INSPECTOR: Jeff Stahr **DATE INSPECTED:** 04/29/2022

Inspection Comments:

An asbestos inspection was performed to identify potentially friable and non-friable asbestos containing materials.

The following asbestos materials were identified:

SECTION	ROOM(S)/LOCATION	DESCRIPTION OF ASBESTOS MATERIAL	AMOUNT	UNIT OF MEASUREMENT	TYPE OF ASBESTOS	% OF ASBESTOS	FRIABLE OR NON-FRIABLE
Roof	Throughout Roof	built up roofing materials	4,100	sq. ft.	Chrysotile	2%	Non-friable
First Floor	between Stairs and Furnace Room	floor tile (gray) (under pergo)	400	sq. ft.	Chrysotile	2%	Non-friable
Second Floor	East Bathroom	linoleum (pentagon pattern)	36	sq. ft.	Chrysotile	20%	Friable
Second Floor	East Kitchen	linoleum (brown and beige)	100	sq. ft.	Chrysotile	20%	Friable
Second Floor	Northwest Kitchen	linoleum (brown and tan)	220	sq. ft.	Chrysotile	15%	Friable
Third Floor	East Kitchen	12" X 12" floor tile (beige vein pattern)	200	sq. ft.	Chrysotile	2%	Non-friable
Third Floor	East Dining Room	12" X 12" floor tile (beige with tan spots)	200	sq. ft.	Chrysotile	2%	Non-friable
Third Floor	Room outside East Dining Room	12" X 12" floor tile (beige with tan spots)	200	sq. ft.	Chrysotile	2%	Non-friable

DEFINITIONS:

Friable = easily crumbled / can be crumbled, pulverized, or reduced to powder by the pressure of an ordinary human hand

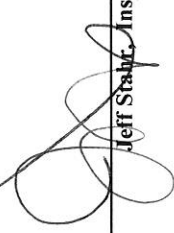
Non-friable = cannot be pulverized under hand pressure

All other discovered suspect materials not listed above were also sampled and analyzed, and do not contain asbestos. Please see the Bulk Sample Results.

NOTES:

The South and Southwest portions of 2nd and 3rd floors were not able to be inspected due to the roof leaking and severe deterioration of the structure.

This building will need to be demolished as a Regulated Asbestos Containing Material (RACM) project by a demo. contractor with an Iowa Asbestos Contractor Permit.


Jeff Stahr, Inspector

22-7524

State of Iowa
Asbestos Inspector License #

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NOTES:

To keep disturbance to building materials and damage to property minimum, a limited number of spot checks were done to visualize suspect asbestos materials and collect necessary samples for testing. Therefore, suspect asbestos materials may be hidden and may be uncovered during the renovation and/or demolition processes.

Local and State regulations may require asbestos containing materials to be removed by a licensed asbestos abatement contractor. An Asbestos Notification and fee may be required to be submitted to the appropriate government agencies either ten calendar days or ten working days (depending on the type and amount of asbestos being removed) prior to starting asbestos work.

A renovation project when there is still asbestos present in a structure, may require a Renovation Notification and fee to be submitted to the appropriate government agencies ten working days prior to starting renovation work.

A demolition project, which includes the removal of any load bearing walls and/or complete demolition of a structure, may require a Demolition Notification and fee to be submitted to the appropriate government agencies ten working days prior to starting demolition work.

Materials containing less than 1% or 1% asbestos:

Iowa OSHA requires the following for removal of asbestos containing materials that contain less than 1% asbestos:

1. Some asbestos training, such as, asbestos awareness training or at a minimum, training on how to properly and safely remove the particular material being removed
2. Exposure Assessment including personal and excursion air sampling.
3. Wet removal.
4. Non-mechanical means of removal.

Materials containing greater than 1% asbestos:

For materials that contain greater than 1% asbestos, Iowa OSHA and the Iowa DNR require the asbestos containing material to be removed by a licensed asbestos contractor with asbestos trained and licensed personnel.

* Amounts of material are approximations. Contractors are responsible for verifying measurements.

5170 Wolff Road, #2

Dubuque, IA 52002

(563) 583-0808

FAX: (563) 583-2206

BULK SAMPLE ANALYSIS REQUEST

DATE: 5-2-22 INSPECTOR: Jeff StahrFACILITY: City of Clinton BUILDING #: _____BUILDING: Commercial Building 1010 South 4th St Clinton PROJECT #: _____LABORATORY: EMSL Analytical, Inc. (317) 803-2997 FAX: (317) 803-3047
2001 East 52nd Street Main Office: 1-800-220-3675
Indianapolis, IN 46205

DATE SAMPLE TAKEN	SAMPLE NUMBER	LOCATION	SAMPLE DESCRIPTION
4-29-22	101054-01	West Basement	Cement board
4-29-22	101054-02	Central Basement	Drywall + mud
4-29-22	101054-03	1st floor ^{Between Furnace & Stairs}	Floor tile
4-29-22	101054-04	East 1st floor	white quarry tile, grout & Adh.
4-29-22	101054-05	East 1st floor by Stairs	Drywall mud
4-29-22	101054-06	1st floor bath	Floor tile
4-29-22	101054-07	East 1st floor	Ceiling Tile
4-29-22	101054-08	S.C. 1st floor	Plaster
4-29-22	101054-09	Facade Exterior	Fiberboard
4-29-22	101054-10	Facade Exterior	white caulk
4-29-22	101054-11	2nd floor	Ceiling tile
4-29-22	101054-12	2nd floor window	Glazing
4-29-22	101054-13	2nd floor Bathroom	Linoleum
4-29-22	101054-14	2nd floor	Plaster
4-29-22	101054-15	2nd floor Kitchen	Linoleum
4-29-22	101054-16	2nd floor	Drywall mud
4-29-22	101054-17	2nd floor West Kitchen	Linoleum
4-29-22	101054-18	2nd floor N.	Ceiling tile
4-29-22	101054-19	3rd floor Stairs	Plaster
4-29-22	101054-20	3rd floor Dining Room	Floor tile

RESULTS AND INVOICES to be E-mailed to: markemsi@aol.com

(OVER)

SHIPPING: Ground Next Day Air
call one

**EMSL Analytical, Inc.**

6340 CastlePlace Dr. Indianapolis, IN 46250

Tel/Fax: (317) 803-2997 / (317) 803-3047

http://www.EMSL.com / indianapolislabs@emsl.com

EMSL Order: 162209523

Customer ID: CFME50

Customer PO:

Project ID:

Attention: Mark Hogan

Environmental Management Svs. of Iowa

5170 Wolff Rd. #2

Dubuque, IA 52002

Phone: (563) 583-0808**Fax:** (563) 583-2206**Received Date:** 05/03/2022 1:25 PM**Analysis Date:** 05/03/2022**Collected Date:** 04/29/2022**Project:** City of Clinton Commercial Building 1010 South 2nd St Clinton IA**Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy**

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1010S4-01 162209523-0001	West Basement - Cement Board	Gray/White Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
1010S4-02-Drywall 162209523-0002	Central Basement - Drywall + Mud	Brown/White Fibrous Heterogeneous	20% Cellulose 10% Glass	60% Gypsum 10% Non-fibrous (Other)	None Detected
1010S4-02-Mud 162209523-0002A	Central Basement - Drywall + Mud	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1010S4-03 162209523-0003	1st Floor between Furnace Rm & Stairs - Floor Tile	Gray Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
1010S4-04-Tile 162209523-0004	East 1st Floor - White Quarry Tile, Grout + Adh.	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1010S4-04-Grout 162209523-0004A	East 1st Floor - White Quarry Tile, Grout + Adh.	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
1010S4-04-Adhesive 162209523-0004B	East 1st Floor - White Quarry Tile, Grout + Adh.	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1010S4-05 162209523-0005	East 1st Floor by Stairs - Drywall Mud	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1010S4-06-Floor Tile 162209523-0006	1st Floor Bath - Floor Tile	White/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1010S4-06-Mastic 162209523-0006A	1st Floor Bath - Floor Tile	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1010S4-07 162209523-0007	East 1st Floor - Ceiling Tile	Gray/White Fibrous Homogeneous	50% Cellulose 30% Min. Wool	15% Perlite 5% Non-fibrous (Other)	None Detected
1010S4-08-Texture 162209523-0008	S.C. 1st Floor - Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1010S4-08-Finish Coat 162209523-0008A	S.C. 1st Floor - Plaster	Tan/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1010S4-08-Base Coat 162209523-0008B	S.C. 1st Floor - Plaster	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
1010S4-09 162209523-0009	Façade Exterior - Fiberboard	White/Beige Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
1010S4-10 162209523-0010	Façade Exterior - White Caulk	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 05/03/2022 18:03:30

**EMSL Analytical, Inc.**

6340 CastlePlace Dr. Indianapolis, IN 46250

Tel/Fax: (317) 803-2997 / (317) 803-3047

http://www.EMSL.com / indianapolislab@emsl.com

EMSL Order: 162209523

Customer ID: CFME50

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1010S4-11 162209523-0011	2nd Floor - Ceiling Tile	Tan/White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
1010S4-12 162209523-0012	2nd Floor Window - Glazing	White/Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
1010S4-13 162209523-0013	2nd Floor Bathroom - Linoleum	Gray/Tan/White Fibrous Heterogeneous	15% Cellulose	65% Non-fibrous (Other)	20% Chrysotile
1010S4-14-Finish Coat 162209523-0014	2nd Floor - Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1010S4-14-Base Coat 162209523-0014A	2nd Floor - Plaster	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
1010S4-15 162209523-0015	2nd Floor Kitchen - Linoleum	Gray/Tan/White Fibrous Heterogeneous	10% Cellulose	70% Non-fibrous (Other)	20% Chrysotile
1010S4-16 162209523-0016	2nd Floor - Drywall Mud	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1010S4-17 162209523-0017	2nd Floor West Kitchen - Linoleum	Gray/Tan/White Fibrous Heterogeneous	20% Cellulose	65% Non-fibrous (Other)	15% Chrysotile
1010S4-18 162209523-0018	2nd Floor N. - Ceiling Tile	Tan/White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
1010S4-19-Finish Coat 162209523-0019	3rd Floor Stairs - Plaster	Tan/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1010S4-19-Base Coat 162209523-0019A	3rd Floor Stairs - Plaster	Gray Non-Fibrous Homogeneous	<1% Cellulose	20% Quartz 80% Non-fibrous (Other)	None Detected
1010S4-20-Floor Tile 162209523-0020	3rd Floor Dining Room - Floor Tile	Gray/Tan Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
1010S4-20-Mastic 162209523-0020A	3rd Floor Dining Room - Floor Tile	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1010S4-21-Floor Tile 162209523-0021	3rd Floor Kitchen - Floor Tile	Gray/Tan Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
1010S4-21-Mastic 162209523-0021A	3rd Floor Kitchen - Floor Tile	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1010S4-22-Wrap 162209523-0022	Roof Field - Built-up Roof	White/Black Fibrous Homogeneous	90% Synthetic	10% Non-fibrous (Other)	None Detected
1010S4-22-Foam 162209523-0022A	Roof Field - Built-up Roof	Tan/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1010S4-22-Shingle 162209523-0022B	Roof Field - Built-up Roof	Gray/Black Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
1010S4-22-Felt 162209523-0022C	Roof Field - Built-up Roof	Black Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1010S4-22-Tar	Roof Field - Built-up Roof	Black Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
162209523-0022D					
1010S4-22-Roofing	Roof Field - Built-up Roof	Black Fibrous Heterogeneous	20% Cellulose 5% Glass	75% Non-fibrous (Other)	None Detected
162209523-0022E					

Analyst(s)

Ross Matlock (37)

Melissa Newkirk

Asbestos Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

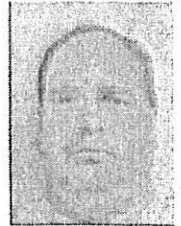
Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262

Initial report from: 05/03/2022 18:03:30

JEFF STAHR

DOB: 01-02-1965

Issued: 01-14-20252



This person is licensed to perform asbestos work in the State of Iowa. ID card is intended for official use only and must be present on jobsite.

License Type	Number	Expires
INSPECTOR	22-7524	12-20-2022
SUPERVISOR	21-5642	01-11-2022



Asbestos

Rod A. Roberts

Rod A. Roberts
Labor Commissioner