



CAMPLIN
Environmental Services, Inc.

ASBESTOS STUDY

AT

**Pool, Fitness Center, Restaurant, and Conference Center
Located at
1123 N. 7th Street
Rochelle, IL 61068**

FOR

Fehr Graham Associates, LLC

CONDUCTED BY:

**CAMPLIN ENVIRONMENTAL SERVICES, INC.
9575 WEST HIGGINS ROAD, SUITE 450
ROSEMONT, ILLINOIS 60018**

March 28, 2019

CESI PROJECT NO. 19-026

Camplin Environmental Services, Inc. 9575 West Higgins Road, Suite 450 Rosemont, Illinois 60018
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Section 1

Inspector's License



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

CHARLES J CAMPLIN
1681 VERDE LANE
MUNDELEIN, IL 60060

5/3/2018



ASBESTOS PROFESSIONAL LICENSE ID NUMBER: 19511

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 100 - 19511	ISSUED 5/3/2018	EXPIRES 05/15/2019		INSPECTOR	10/20/2018
CHARLES J CAMPLIN 1681 VERDE LANE MUNDELEIN, IL 60060 Environmental Health				PROJECT MANAGER AIR SAMPLING PROFESSIONAL	10/23/2018
				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

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Nationally Accredited by PHAB

INTRODUCTION

On March 25, 2018 Charles Camplin (IDPH #100-19511) of Camplin Environmental Services, Inc. (CESI) performed an asbestos survey of a building located at 1123/1127 N. 7th Street in Rochelle, Illinois 61068. A visual walk-through was conducted of the site to identify suspected asbestos-containing building materials (ACBM). Suspected ACBMs were then sampled to confirm the presence of asbestos.

SURVEY FINDINGS

A total of 41 bulk samples were taken from 22 suspected ACBMs. Asbestos-containing materials (defined by state and federal regulations as >1% asbestos) were not found in the building. Note that there was a textured paint-like coating found on beams and walls from the 1st through 3rd floors that contained less than 1% asbestos. Materials identified as containing less than 1% asbestos are not regulated under Illinois Department of Public Health asbestos rules and licensing requirements. These materials are also exempt from USEPA and Illinois EPA asbestos regulations for air emissions and waste disposal. However, the textured material found to be less than 1% asbestos is still subject to OSHA worker protection regulations.

There were some limitations to a full asbestos inspection due to the fact that the building was still occupied, and destructive investigation and/or sampling opportunities were limited. There was no access into the elevator shafts, under most carpeted areas, and laminated flooring. There was limited access into the gym and pool area, locker rooms, front lobby, and 2nd floor kitchen/restaurant. The built-up roofing was not sampled and is assumed to be asbestos-containing.

BULK SAMPLING PROTOCOL

Specific ACBM bulk sampling strategy was as follows:

1. Facility Walk-Through for ACBM identification:
 - A) The inspector performed a preliminary walk-through of the facility defining selected homogeneous ACBM.
 - B) Homogeneous ACBM was defined as follows:
 - 1) Thermal systems insulating materials including, but not limited to, pipes, boilers, breechings, tanks, ducts, or other interior structural components to prevent heat loss or gain, or water condensation, or for other purposes.

- 2) Surfacing materials including, but not limited to, sprayed-on, troweled-on, or otherwise applied to surfaces such as acoustical plaster on ceilings, fireproofing materials on structural membranes or other surfacing materials used for acoustical, fireproofing, or other purposes.
 - 3) Miscellaneous materials including, but not limited to, interior building material or structural components such as floor and ceiling tiles, cement pipe, and fire doors.
- C) The sampling strategy was designed to identify only those ACBM materials that are defined under the NESHAPS and the IDPH legislation. Other materials which could be ACM but were not identified during the survey include, but are not limited to, stored ACM, chalkboards, Bunsen burner pads, masonry products, mortars, lab desks, fireproof curtains, brake linings, dry-wall seams, concrete, kilns, bulletin boards and fire blankets.
- D) The walk-through included visually inspecting areas which were accessible at the time of the survey.

2. Sampling Friable and Non-Friable Materials:

- A) Random sampling was used for each homogeneous ACBM where applicable. Destructive sampling was not required in most situations; therefore, bulk samples of homogeneous ACBM were taken from currently damaged sites when feasible.
- B) The appropriate number of samples taken for each homogeneous ACBM were based upon criteria listed in C through G of this section.
- C) For damaged pipe and boiler insulation, at least one sample was collected for each homogeneous material found.
- D) For friable sprayed or troweled-on surfacing materials, a minimum of one sample for each homogeneous sampling area was collected.
- E) For each homogeneous area of patched thermal system insulation less than 6 linear or square feet that was not assumed to be ACM, at least one sample was collected.
- F) For wall and ceiling tiles, at least one sample of each distinct homogeneous material was collected.

- G) For miscellaneous materials, samples were collected in a manner sufficient to determine whether the material is ACM or not.
3. Sampling Precautions Followed by Accredited Inspectors:
- A) Sample friable materials only with necessary personnel present. Do not disturb the materials any more than necessary.
 - B) Wear a NIOSH approved respirator equipped with high-efficiency filters when sampling friable materials or when moving ceiling tiles to access friable materials.
 - C) Seal sampled materials with an encapsulant.
 - D) Clean up any visible materials by wet mopping or by wiping with a damp cloth.
 - E) When carpet is present, place a plastic drop cloth under the sample point to facilitate easy cleanup.
 - F) Dispose of contaminated materials (e.g., wiping cloths, mop heads in sealed, labeled 6 ml plastic bags).
4. Sampling Procedures Followed by Accredited Inspectors:
- A) Spray the materials with a light mist of water to reduce fiber release during sampling.
 - B) Gently cut and remove a small core of the material penetrating all layers including any paint or protective coating. Wet wipe any reusable instrument before reuse.
 - C) Place the sample in a Whirl-pak plastic bag. Seal the bag and wipe the exterior with a damp cloth to remove any materials.
 - D) Label each bag with a sample identification number.
 - E) Seal the samples in a second bag.
 - F) Record each sample collected including the date, sampling location and identification number. Complete the site sheet and submit samples to a US-EPA approved laboratory until the National Bureau of Standards (NBS) develops an accreditation program. Thereafter, all bulk samples shall be analyzed by a NBS accredited laboratory.

ANALYTICAL PROTOCOL

1. Bulk samples taken during the facility survey were analyzed by EMSL, a US EPA accredited laboratory.
 - A) Bulk samples were analyzed using a polarized light microscope with central stop dispersion staining.
 - B) Bulk samples results are found in Section 2.

Section 2

Summary of Suspected ACBMs

CLIENT: Fehr Graham Associates, LLC

JOB #: 19-026

DATE: March 28, 2019

BUILDING: Fitness Center/Pool/Conference Center/Restaurant
1123-1127 N. 7th Street, Rochelle, IL 61068

INSPECTOR: Charles Camplin #100-19511

HOMO #	MATERIAL DESCRIPTION	FLOOR	LOCATION(S)	SAMPLE #S	ACM
A	Stair tread and mastic	B/1st	Weight Room Area leading to lockers	1-Stair Tread 1-Mastic	No No
B	Floor Mastic	1 st	Weight Room Area under mats	2	No
C	Drywall	1 st	Lobby/Conference Area	3	No
D	Plaster	1 st	Lobby and Weight Room	4, 5, 6	No
E	Ceiling Tile	1 st	Lobby/Conference Area	7	No
F	Brown cove base and mastic	1 st	Lobby/Conference Area	8 – Cove Base 8- Mastic	No No
G	Spray Foam Insulation	1 st	Above ceiling in lobby	9	No
H	Textured Plaster	2 nd	Walls in lobby and rooms	10, 11, 12	No
I	2x4 Lay-in Ceiling Tile	2 nd	VIP Room	13	No
J	Waterfall mortar	2 nd	VIP Room	14	No
K	Floor Tile and Mastic	2 nd	Beneath Laminate Flooring in VIP storage room	15-Floor Tile 15-Mastic	No No
L	White cove base and mastic	2 nd	VIP Room	16-Cove 16-Mastic	No No
M	2x4 Ceiling Tile	2 nd & 3 rd	Lobby Areas and Rooms	17	No
N	2x4 Ceiling Tile	2 nd	Kitchen	18	No
O	2x4 Ceiling Tile	2 nd	Restaurant Seating Area	19	No
P	Drywall	2 nd	Lobby/Kitchen/Restaurant	20	No
Q	Sprayed-on Fireproofing	1 st & 3 rd	West portion of building at ceiling	21, 22, 23, 24, 25	No
R	12" Floor Tile	3 rd	Under Laminant Flooring/Carpeting in the Stillman Room	26-Floor Tile 26-Mastic	No No
S	Textured Coating	1 st , 2 nd , 3 rd	Beams and walls throughout	27, 28, 29	No (<1%)

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INSPECTOR: Charles Camplin #100-19511

HOMO #	MATERIAL DESCRIPTION	FLOOR	LOCATION(S)	SAMPLE #S	ACM
T	2x4 Lay-in Ceiling Tile	3 rd	Stillman Room	30	No
U	Textured Wall Plaster	2 nd	Kitchen Office Wall	31	No
V	Exterior Textured Wall Plaster	Exterior	Exterior Walls	32, 33, 34, 35, 36	No
W	Built-up Roofing and Flashing	Roof	Roof levels	No Sample	Assumed

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Laboratory Results



EMSL Analytical, Inc.

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EMSL Order: 261903149
Customer ID: CAMP51
Customer PO:
Project ID:

Attention: Jeffery C. Camplin
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Received Date: 03/26/2019 8:35 AM
Analysis Date: 03/27/2019
Collected Date:

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
1-Stair Tread <small>261903149-0001</small>	STAIRTREAD/WEIG HT ROOM/	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1-Mastic <small>261903149-0001A</small>	STAIRTREAD/WEIG HT ROOM/	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2 <small>261903149-0002</small>	1ST UNDERMAT FLOORING IN WEIGHT ROOM	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
3 <small>261903149-0003</small>	1ST FLOOR - DRYWALL	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4 <small>261903149-0004</small>	1ST FLOOR - PLASTER	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
5 <small>261903149-0005</small>	1ST FLOOR - PLASTER	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
6 <small>261903149-0006</small>	1ST FLOOR - PLASTER	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7 <small>261903149-0007</small>	LOBBY - 2X2 LAY IN CEILING TILE	Tan/White Fibrous Homogeneous	30% Cellulose 30% Min. Wool	30% Perlite 10% Non-fibrous (Other)	None Detected
8-Cove Base <small>261903149-0008</small>	1ST FLOOR - BROWN BASEBOARD	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
8-Mastic <small>261903149-0008A</small>	1ST FLOOR - BROWN BASEBOARD	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
9 <small>261903149-0009</small> <i>Sample bag not labeled</i>	1ST FLOOR - SPRAY FOAM ON CEILING	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
10 <small>261903149-0010</small>	2ND FLOOR - TEXTURED PLASTER	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
11 <small>261903149-0011</small>	2ND FLOOR - TEXTURED PLASTER	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12 <small>261903149-0012</small>	2ND FLOOR - TEXTURED PLASTER	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
13 <small>261903149-0013</small>	2ND FLOOR - 2X4 LAY IN CEILING	Tan/White Fibrous Homogeneous	60% Cellulose	30% Perlite 10% Non-fibrous (Other)	None Detected
14 <small>261903149-0014</small>	2ND FLOOR - WATERFALL MORTAR	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 03/27/2019 14:50:29



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EMSL Order: 261903149
Customer ID: CAMP51
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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
15-Floor Tile 261903149-0015	2ND FLOOR - FLOORING UNDER WOOD LAMINENT	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
15-Mastic 261903149-0015A	2ND FLOOR - FLOORING UNDER WOOD LAMINENT	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
16-Cove Base 261903149-0016	2ND FLOOR - WHITE BASEBOARD	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
16-Mastic 261903149-0016A	2ND FLOOR - WHITE BASEBOARD	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17 261903149-0017	2ND + 3RD - 2X4 CEILING TILE	Gray Fibrous Homogeneous	90% Min. Wool	10% Non-fibrous (Other)	None Detected
18 261903149-0018	2ND FLOOR KITCHEN - 2X4 CEILING TILE	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
19 261903149-0019	2ND FLOOR RESTAURANT - 2X4 CEILING TILE	White Non-Fibrous Homogeneous	30% Cellulose 30% Min. Wool	40% Non-fibrous (Other)	None Detected
20 261903149-0020	2ND - DRYWALL	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
21 261903149-0021	1ST & 3RD FLOOR - FIREPROOFING WEST SIDE	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22 261903149-0022	1ST & 3RD FLOOR - FIREPROOFING WEST SIDE	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
23 261903149-0023	1ST & 3RD FLOOR - FIREPROOFING WEST SIDE	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
24 261903149-0024	1ST & 3RD FLOOR - FIREPROOFING WEST SIDE	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
25 261903149-0025	1ST & 3RD FLOOR - 12" FLOOR TILE UNDER CARPET & FLOORING	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
26-Floor Tile 261903149-0026	3RD - 12" FLOOR TILE UNDER CARPET & FLOORING	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
26-Mastic 261903149-0026A	3RD - 12" FLOOR TILE UNDER CARPET & FLOORING	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
27 261903149-0027	GYM 1,2,3 - ROUGH TEXTURED COATING ON BEAMS	White/Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
28 261903149-0028	GYM 1,2,3 - ROUGH TEXTURED COATING ON BEAMS	White/Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
29 261903149-0029	GYM 1,2,3 - ROUGH TEXTURED COATING ON BEAMS	White/Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
30 261903149-0030	3RD - 2X4 CEILING	White Non-Fibrous Homogeneous	40% Cellulose 40% Min. Wool	20% Non-fibrous (Other)	None Detected
31 261903149-0031	KITCHEN OFFICE 2ND - TEXTURED WALL	Tan/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
32 261903149-0032	EXTERIOR TEXTURED MATERIAL	White Non-Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
33 261903149-0033	EXTERIOR TEXTURED MATERIAL	White Non-Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
34 261903149-0034	EXTERIOR TEXTURED MATERIAL	White Non-Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
35 261903149-0035	EXTERIOR TEXTURED MATERIAL	White Non-Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
36 261903149-0036	EXTERIOR TEXTURED MATERIAL	Tan/White Non-Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected

Analyst(s)
Christine Stouffer (22)
Kristen Berglund (19)

James Hahn, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. 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 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. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. 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. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

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

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