PINKHAM ENVIRONMENTAL,INC. P.O. BOX 405 BOOTHBAY,MAINE

PHONE (207 837-0571 Email pinkhamk(a.roadrunner.com

May 18, 2015

PEI# 15-1586

Redfern Homes LLC Jonathan Cully P.O. Box 8816 Portland, Maine, 04104

RE: Demolition Impact Survey-Buildings @ 667 Congress Street in Portland, Maine

Mr. Culley:

On May 12, 2015 Pinkham Environmental, Inc. conducted a demolition impact survey for the presence of asbestos containing building materials (ACBM) 667 Congress Street in Portland, ME. The survey coincided with the planned demolition of the building.

The building surveyed is a three story commercial type building of wood frame construction. Homogenous areas of suspect materials were collected from the interior. No suspect materials were found on the exterior. Samples were analyzed for asbestos type and approximate percentages by optical microscopy at 100x magnification utilizing polarized Light (PLM) EPA method 600 \overline{a} the International Asbestos testing Laboratories (IATL) located in Mt. Laurel NJ..

Analytical results indicate no asbestos materials were found in any of the samples.

The analytical results are included in this report for your reference. Current state and federal regulations stipulate that material found to have 1% or more asbestos is considered to be asbestos material

Because of the age of the building, it is possible that painted surfaces may contain lead. Please note that the Maine Department of Environmental Management does not require that lead surfaces to be abated prior to renovation. It should, however, be disclosed to contractors to comply with OSHA's hazardous materials communication regulations

If you have any question regarding this report, please feel free to contact us at (207) 837-0571.

Sincerely.

Kim W. Pinkham

Kim W. Pinkham

Pinkham Environmental. Inc.

Asbestos Inspector (MDEP AI #0343)

PINKHAM ENVIRONMENTAL INC. BOOTHBAY, MAINE 04537 (207) 837-0571

Linear / Square Footage Table

CLIENT: REDFERN PROPERTIES
PEI #: 15-1586
JOB: 667 CONGRESS STREET

LOCATION	REF. NUMBER	SQUARE FOOTAGE	LINEAR FOOTAGE
2 ND FLOOR -FRONT ROOMS-WHITE VINYL FLOORING	1586-1 A,B,C NEGATIVE FOR ASBESTOS		
2 ND FLOOR -MIDDLE ROOM-GOLD/GREY SHEET VINYL FLOORING	1586-2 A,B,C NEGATIVE FOR ASBESTOS		
THROUGH-OUT 2 ND FLOOR-WHITE PLASTER	1586-3 A,B,C NEGATIVE FOR ASBESTOS		
2ND FLOOR OFFICE- GREY/GOLD VINYL FLOORING	1586-4 A,B,C NEGATIVE FOR ASBESTOS		
ATTIC-WHITE WALL PLASTER	1586-A,B,C NEGATIVE FOR ASBESTOS		
STORAGE ROOM-GREEN SHEET VINYL FLOORING	1586-6 A,B,C NEGATIVE FOR ASBESTOS		
1 ST FLOOR -IN FRONT OF COOLERS-RED VINYL FLOORING	1586-7 A,B,C NEGATIVE FOR ASBESTOS		



Client-

Pinkham Environmental

Report Date:

5/15/2015

P.O. Box 405

Report No.:

363459

Boothbay

ME

Project:

667 Congress Street

Project No.:

15-1586

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: Client No.: 5623428 1586-1a Description / Location:

04537

White Vinyl Sheet Flooring

2nd Floor-Front Rooms

"a Asbestos

Type

% Non-Asbestos Fibrous Material

Type

% Non-Fibrous Material

None Detected

None Detected

-10

Cellulose

60

Lab No.:

5623428

Description / Location:

White Mastic

Layer No.: 2

Client No.:

1586-la

2nd Floor-Front Rooms

Type

% Non-Asbestos Fibrous Material

Type

% Non-Fibrous Material

None Detected

None Detected

None Detected

None Detected

100

Lab No .:

5623429 1586-1b Description / Location:

White Vinyl Sheet Flooring

2nd Floor-Front Rooms

Client No.:

Type

% Non-Asbestos Fibrous Material

Type

% Non-Fibrous Material

None Detected

None Detected

40

Cellulose

60

Lab No.:

5623429

Description / Location:

White Mastic

Laver No.: 2

Client No.:

1586-1b

A spinish of market

2nd Floor-Front Rooms

-

% Asbestos

Tron

% Non-Asbestos Fibrous Material

Type

% Non-Fibrous Material

None Detected

None Detected

None Detected

None Detected

100

Accreditations:

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA-LAP, LLC No. 100188

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Analytical Method:

US EPA 600/R-93/116 by Polarized Light Microscopy, (ELAP 198.1 where applicable)

Comments:

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Analysis Performed By:

R. Caran

Approved By:



Date:

5/15/2015

Frank E. Ehrenfeld, III. Laboratory Director ME



CERTIFICATE OF ANALYSIS

Client:

Pinkham Environmental

Report Date:

5/15/2015

P.O. Box 405

Report No.:

363459

Boothbay

04537

Project:

667 Congress Street

Project No.:

15-1586

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: Client No.: 5623430

Description / Location:

White Vinyl Sheet Flooring

2nd Floor-Front Rooms

1586-1c

% Non-Fibrous Material

% Asbestos None Detected

TVDC None Detected % Non-Asbestos Fibrous Material 40

Cellulose

60

Lab No .:

5623430

Description / Location:

White Mastic

Layer No.: 2

Client No.:

1586-1c

2nd Floor-Front Rooms

% Asbestos

Type

% Non-Asbestos Fibrous Material

Type

% Non-Fibrous Material

None Detected

None Detected

None Detected

None Detected

100

Lab No.:

5623431

Description / Location:

Grey/Gold Vinyl Sheet Flooring

2nd Floor-Middle Room

Client No.: % Asbestos

1586-2a

% Non-Asbestos Fibrous Material

Type

% Non-Fibrous Material

None Detected

Type None Detected

Cellulose

60

Lab No .:

5623431

Description / Location:

Brown Mastic

Laver No.: 2

Client No.:

1586-2a

2nd Floor-Middle Room

⁰α Asbestos

Type

% Non-Ashestos Fibrous Material

Type

% Non-Fibrous Material

None Detected

None Detected

None Detected

None Detected

100

Accreditations:

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

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R. Caran

Date:

5/15/2015

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363459

Boothbay

ME

04537

Project:

667 Congress Street

Project No .:

15-1586

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: Client No.: 5623432 1586-2b Description / Location:

Grey/Gold Vinyl Sheet Flooring

2nd Floor-Middle Room

a Asbestos

Type

6 Non-Asbestos Fibrous Material

Type

% Non-Fibrous Material

None Detected

None Detected

100

Cellulose

(91)

Lab No.: Client No.: 5623432

Description / Location:

Brown Mastic

Layer No.: 2

a Asbestos

1586-2b

2nd Floor-Middle Room

- -

Type

% Non-Asbestos Fibrous Material

Type

% Non-Fibrous Material

None Detected

None Detected

None Detected

None Detected

100

Lab No.:

5623433 1586-2c Description / Location:

Grey/Gold Vinyl Sheet Flooring

2nd Floor-Middle Room

Client No.:
**a Asbestos

Type

% Non-Asbestos Fibrous Material

Type

% Non-Fibrous Material

None Detected

None Detected

40

Cellulose

60

Lah No

5623433

Description / Location:

Brown Mastic

Layer No.: 2

Client No.:

1586-2c

2nd Floor-Middle Room

THE STATE OF THE S

% Asbestos

Type

% Non-Asbestos Fibrous Material

Type

% Non-Fibrous Material

None Detected

None Detected

None Detected

None Detected

Accreditations:

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA-LAP, LLC No. 100188

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US EPA 600/R-93/116 by Polarized Light Microscopy, (ELAP 198.1 where applicable)

Comments:

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Boothbay

ME 04537

Project:

667 Congress Street

Project No.:

15-1586

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: Client No.: 5623434 1586-3a

Description / Location:

White Plaster

2nd Floor-Wall

"a Asbestos

Type

% Non-Asbestos Fibrous Material

Type

% Non-Fibrous Material

None Detected

None Detected

3

Hair

9.0

Lab No.: Client No.: 5623435 1586-3b Description / Location:

White Plaster

2nd Floor-Wall

"a Asbestos

Type

6 Non-Asbestos Fibrous Material

Type

% Non-Fibrous Material

None Detected

None Detected

Hair

98

Lab No.:

5623436 1586-3c Description / Location:

White Plaster

2nd Floor-Wall

Client No.:

.....

% Non-Asbestos Fibrous Material

Type

% Non-Fibrous Material

None Detected

None Detected

03

Hair

98

Lab No.:

5623437

Description / Location:

Grey/Gold Vinyl Sheet Flooring

Client No.:

1586-4a

% Non-Asbestos Fibrous Material

2nd Floor-Office

Material Type

% Non-Fibrous Material

None Detected

Type

None Detected

40

Cellulose

60

Accreditations:

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA-LAP, LLC No. 100188

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Analytical Method:

US EPA 600/R-93/116 by Polarized Light Microscopy. (ELAP 198.1 where applicable)

omments:

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5/15/2015

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363459

Boothbay

ME

04537

Project:

667 Congress Street

Project No.:

15-1586

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: Client No.: 5623438 1586-4b Description / Location:

Grey/Gold Vinyl Sheet Flooring

2nd Floor-Office

"o Asbestos

Type

% Non-Asbestos Fibrous Material

Type

Non-Fibrous Material

None Detected

None Detected

40

Cellulose

60

Lab No.: Client No.: 5623439 1586-4c Description / Location:

Grey/Gold Vinyl Sheet Flooring

2nd Floor-Office

% Asbestos

Type

% Non-Asbestos Fibrous Material

Type

% Non-Fibrous Material

None Detected

None Detected

40

Cellulose

60

Lab No.:

5623440 1586-5a Description / Location:

White Plaster

Attic-Wall

Client No.:

Type

% Non-Asbestos Fibrous Material

Type

% Non-Fibrous Material

None Detected

None Detected

Hair

98

Lab No.:

5623441

Description / Location:

White Plaster

Client No.:

1586-5b

Attic-Wall

all

% Non-Fibrous Material

% Asbestos

None Detected

Type
None Detected

% Non-Asbestos Fibrous Material

Type

98

Accreditations:

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

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Analytical Method:

US EPA 600/R-93/116 by Polarized Light Microscopy, (ELAP 198.1 where applicable)

Comments:

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Analysis Performed By:

R. Caran

Date:



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Pinkham Environmental

Report Date:

5/15/2015

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Report No .:

363459

Boothbay

MF. 04537

Project:

667 Congress Street

Project No .:

15-1586

BULK SAMPLE ANALYSIS SUMMARY

Lab No.:

5623442

Description / Location:

White Plaster

Attic-Wall

Client No.: % Asbestos

1586-5c

% Non-Asbestos Fibrous Material

Type

% Non-Fibrous Material

None Detected

Type None Detected

Hair

98

Lab No .: Client No.: 5623443 1586-6a

Description / Location:

Green Floor Tile

Storage Room

a Asbestos

Type

% Non-Asbestos Fibrous Material

Type

% Non-Fibrous Material

None Detected

None Detected

None Detected

None Detected

Lab No.:

5623443

Description / Location:

Black Mastie

Layer No.: 2

Client No.: a Asbestos

1586-6a

Storage Room

Type

% Non-Fibrous Material

None Detected

None Detected

Non-Asbestos Fibrous Material None Detected

None Detected

100

Accreditations:

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA-LAP, LLC No. 100188

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Analytical Method:

US EPA 600/R-93 116 by Polanzed Light Microscopy, (ELAP 198 1 where applicable)

Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that ashestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing

Analysis Performed By:

R. Caran

Date:



Client:

Pinkham Environmental

Report Date:

5/15/2015

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Report No.:

363459

Boothbay

ME

Project:

667 Congress Street

Project No.:

15-1586

BULK SAMPLE ANALYSIS SUMMARY

Lab No.:

5623444 1586-6b

Description / Location:

04537

Green Floor Tile

Storage Room

Client No.:

Type

% Non-Asbestos Fibrous Material

Type

% Non-Fibrous Material

None Detected

None Detected

None Detected

None Detected

100

Lab No.:

5623444

Description / Location:

Black Mastic

Layer No.: 2

Client No.:

1586-6b

Description / Location

Storage Room

.

% Asbestos

Type

⁶a Non-Asbestos Fibrous Material

Type

% Non-Fibrous Material

None Detected

None Detected

None Detected

None Detected

100

Lab No.:

5623445 1586-6c

Description / Location:

Green Floor Tile

Storage Room

Client No.:

40

% Non-Asbestos Fibrous Material

Type

% Non-Fibrous Material

None Detected

None Detected

None Detected

None Detected

100

Lab No.:

5623445

Description / Location:

Black Mastic

Layer No.: 2

Client No.:

1586-6c

Storage Room

% Non-Fibrous Material

"o Asbestos None Detected

None Detected

% Non-Asbestos Fibrous Material

None Detected

Type

None Detected

100

Accreditations:

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

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\na	vsis	Performed	By:

med By: R. Caran

Date:



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Pinkham Environmental

Report Date:

5/15/2015

P.O. Box 405

Report No.:

363459

Boothbay

ME 04537

Project:

667 Congress Street

Project No.:

vo.: 15-1586

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: Client No.: 5623446

446 Description / Location:

Red Vinyl Sheet Flooring

1st Floor-In Front Of Coolers

". Asbestos

1586-7a

% Non-Asbestos Fibrous Material

Type

% Non-Fibrous Material

None Detected

Type

None Detected

20

Cellulose

80

Lab No.: Client No.: 5623447

1586-7b

Description / Location:

Red Vinyl Sheet Flooring

1st Floor-In Front Of Coolers

% Asbastos

1380-70

Type

% Non-Asbestos Fibrous Material

Type

% Non-Fibrous Material

None Delected

None Detected

20

Cellulose

80

Lab No.: Client No.: 5623448 1586-7c Description / Location:

Red Vinvl Sheet Flooring

1st Floor-In Front Of Coolers

o Asbestos

Type

% Non-Asbestos Fibrous Material

Type

% Non-Fibrous Material

None Detected

None Detected

20

Cellulose

80

Accreditations:

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA-LAP, LLC No. 100188

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5/15/2015

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