

**FINAL REPORT
FOR
ASBESTOS CONTAINING MATERIALS
IDENTIFICATION SURVEY
AT THE
NEWTON SENIOR CENTER
NEWTON, MASSACHUSETTS**

PROJECT NO: 220 455.00

SURVEY DATES:
September 17-18, 2020

SURVEY CONDUCTED BY:

UNIVERSAL ENVIRONMENTAL CONSULTANTS



September 23, 2020

Mr. Joel Bargmann
Bargmann Hendrie + Archetype, Inc.
9 Channel Center Street
Suite 300
Boston, MA 02210

Reference: **Asbestos Containing Materials Identification Survey
Newton Senior Center, Newton, MA**

Dear Mr. Bargmann:

Thank you for the opportunity for Universal Environmental Consultants (UEC) to provide professional services.

Enclosed please find the report for limited Asbestos Containing Materials Identification Survey at the Newton Senior Center, Newton, MA.

Please do not hesitate to call should you have any questions.

Very truly yours,

Universal Environmental Consultants

A handwritten signature in blue ink, appearing to read "Ammar M. Dieb", is written over a horizontal line.

Ammar M. Dieb
President

UEC:\220 455.00\Report.DOC

Enclosure

1.0 INTRODUCTION:

Universal Environmental Consultants (UEC) has been providing comprehensive asbestos services since 2001 and has completed projects throughout New England. We have completed projects for a variety of clients including commercial, industrial, municipal, and public and private schools. We maintain appropriate asbestos licenses and staff with a minimum of thirty years of experience.

UEC was contracted to conduct an Asbestos Containing Materials Identification Survey at the Newton Senior Center, Newton, MA. No interior destructive testing was performed.

The scope of work included the inspection of accessible ACM, collection of bulk samples from materials suspected to contain asbestos and determination of types of ACM found for remediation. Bulk samples analyses for asbestos were performed using the standard Polarized Light Microscopy (PLM) in accordance with Environmental Protection Agency (EPA) standard. Bulk samples were collected by Massachusetts licensed asbestos inspectors Mr. Leonard J. Busa (AI-030673) and Mr. Jason Becotte (AI-034863). Bulk samples were analyzed by Massachusetts licensed laboratories EMSL and Asbestos Identification Laboratory, Woburn, MA.

Samples results are attached.

2.0 FINDINGS:

The regulations for asbestos inspection are based on representative sampling. It would be impractical and costly to sample all materials in all areas. Therefore, representative samples of each homogenous area were collected and analyzed or assumed. All suspect materials were grouped into homogenous areas. By definition, a homogenous area is one in which the materials are evenly mixed and similar in appearance and texture throughout. A homogeneous area shall be determined to contain asbestos based on findings that the results of at least one sample collected from that area shows that asbestos is present in an amount greater than 1 percent. No additional accessible ACM was found during this survey.

However, hidden ACM may be found during any renovation or demolition activities.

Number of Samples Collected

Roofing Samples:

Eighteen (18) bulk samples were collected from the following materials suspected of containing asbestos:

Type and Location of Material

1. Black paper under slate roof
2. Black paper under slate roof
3. Light weight cement deck under slate roof
4. Light weight cement deck under slate roof
5. Flashing tar at slate roof at slate roof to wall
6. Fiberboard at new northwest addition roof cut
7. Paper on cement deck at elevator penthouse roof cut
8. Tar roofing at west roof middle cut
9. Tar roofing at west roof middle cut
10. Tar roof at west roof south cut
11. Tar roofing at southwest addition roof cut
12. Paper on wood deck at southwest addition roof cut
13. Flashing caulking at west roof
14. Flashing caulking at south west roof
15. Black joint caulking at west roof
16. Black joint caulking at southwest roof
17. Pipe penetration caulk at west roof
18. Pipe penetration caulk at west roof

Sample Results

Type and Location of Material

Sample Result

1. Black paper under slate roof	No Asbestos Detected
2. Black paper under slate roof	No Asbestos Detected
3. Light weight cement deck under slate roof	No Asbestos Detected
4. Light weight cement deck under slate roof	No Asbestos Detected
5. Flashing tar at slate roof to wall	10% Asbestos
6. Fiberboard at new northwest addition roof cut	No Asbestos Detected
7. Paper on cement deck at elevator penthouse roof cut	No Asbestos Detected
8. Tar roofing at west roof middle cut	No Asbestos Detected
9. Tar roofing at west roof middle cut	No Asbestos Detected
10. Tar roof at west roof south cut	No Asbestos Detected
11. Tar roofing at southwest addition roof cut	No Asbestos Detected
12. Paper on wood deck at southwest addition roof cut	No Asbestos Detected
13. Flashing caulking at west roof	No Asbestos Detected
14. Flashing caulking at south west roof	No Asbestos Detected
15. Black joint caulking at west roof	No Asbestos Detected
16. Black joint caulking at southwest roof	No Asbestos Detected
17. Pipe penetration caulk at west roof	No Asbestos Detected
18. Pipe penetration caulk at west roof	No Asbestos Detected

Interior Samples:

Sixty-nine (69) bulk samples were collected from the following materials suspected of containing asbestos:

Type and Location of Material

1. Joint compound at mezzanine hallway wall
2. Joint compound at first floor bathroom wall
3. Joint compound at basement pool room wall
4. Joint compound at basement library/lounge
5. Joint compound at reception addition
6. Fireproofing at reception addition
7. Fireproofing at reception addition
8. Fireproofing at reception addition
9. 12" x 12" Grey vinyl floor tile at first floor library
10. Adhesive on 12" x 12" grey vinyl floor tile at first floor library
11. 12" x 12" Grey vinyl floor tile at first floor library kitchen side
12. Mastic on 12" x 12" grey vinyl floor tile at first floor library kitchen side
13. 12" x 12" Grey vinyl floor tile at first floor main entrance hall
14. Mastic on 12" x 12" grey vinyl floor tile at first floor main entrance hall
15. 12" x 12" White vinyl floor tile at kitchen
16. Mastic on 12" x 12" white vinyl floor tile at kitchen
17. 12" x 12" White vinyl floor tile at kitchen
18. Mastic on 12" x 12" white vinyl floor tile at kitchen
19. 12" x 12" Dark grey vinyl floor tile at reception addition
20. Mastic on 12" x 12" dark grey vinyl floor tile at reception addition
21. 12" x 12" Dark grey vinyl floor tile at reception addition
22. Mastic on 12" x 12" dark grey vinyl floor tile at reception addition
23. 9" x 9" vinyl floor tile at custodian hall
24. Mastic on 9" x 9" vinyl floor tile at custodian hall
25. Mastic on 9" x 9" vinyl floor tile at custodian hall
26. 9" x 9" vinyl floor tile under carpet at mezzanine hall
27. Mastic on 9" x 9" vinyl floor tile under carpet at mezzanine hall
28. Terrazzo floor at rear stairs down to basement
29. Adhesive for glazed wall tile at custodian areas

30. Grout on glazed wall tile at custodian areas
31. Pipe insulation behind wall plaster at basement pool room
32. Air cell padding behind metal paneling at library under window
33. Wood fire door at hall to custodian office/area
34. Red duct sealant at stairwell landing to mezzanine
35. Red duct sealant at stairwell landing to mezzanine
36. Vertical damproofing sealant on seam of foundation at basement library
37. Vertical damproofing sealant on seam of foundation at basement library/lounge
38. Light grey damproofing for sink at basement art room
39. Light grey damproofing for sink at kitchen
40. Dark grey damproofing for sink at kitchen
41. 1' x 1' Acoustical tile at basement library/lounge
42. 1' x 1' Acoustical tile at basement pool room
43. 1' x 1' Acoustical tile at basement hall outside Richmond room
44. Rough finish on concrete ceiling at first floor hall outside bathrooms
45. Rough finish on concrete ceiling at first floor hall by elevator
46. Rough finish on concrete ceiling at first floor hall at duct
47. Ceiling plaster at basement art room
48. Ceiling plaster at basement pool room
49. Ceiling plaster at basement library/lounge
50. Ceiling plaster at basement hall outside bathrooms
51. Ceiling plaster at basement hall outside Richmond room
52. Ceiling plaster at beam at mezzanine hall
53. Ceiling plaster at custodian basement storage
54. Wall plaster at basement hall outside custodian
55. Wall plaster at basement center stairwell
56. Wall plaster at first floor library kitchen side
57. Wall plaster at kitchen
58. Wall plaster at basement hall outside bathroom at stairs
59. Wall plaster type II at basement library/lounge
60. Wall plaster type II at basement center hall
61. Wall plaster type II at basement wellness room
62. Wall plaster type II at basement library/lounge
63. Wall plaster type II at basement art room
64. Wall plaster type II at basement pool room under ceramics closet
65. Exterior window glazing at basement front of building
66. Exterior window glazing at kitchen side library
67. Exterior window glazing at high window from roof
68. Exterior window glazing at first floor bathroom
69. Vertical sealant in foundation corner at stairs down to library

Sample Results

Type and Location of Material

Sample Result

- | | |
|---|----------------------|
| 1. Joint compound at mezzanine hallway wall | No Asbestos Detected |
| 2. Joint compound at first floor bathroom wall | No Asbestos Detected |
| 3. Joint compound at basement pool room wall | No Asbestos Detected |
| 4. Joint compound at basement library/lounge | No Asbestos Detected |
| 5. Joint compound at reception addition | No Asbestos Detected |
| 6. Fireproofing at reception addition | No Asbestos Detected |
| 7. Fireproofing at reception addition | No Asbestos Detected |
| 8. Fireproofing at reception addition | No Asbestos Detected |
| 9. 12" x 12" Grey vinyl floor tile at first floor library | No Asbestos Detected |
| 10. Adhesive on 12" x 12" grey vinyl floor tile at first floor library | No Asbestos Detected |
| 11. 12" x 12" Grey vinyl floor tile at first floor library kitchen side | No Asbestos Detected |
| 12. Mastic on 12" x 12" grey vinyl floor tile at first floor library kitchen side | No Asbestos Detected |

13. 12" x 12" Grey vinyl floor tile at first floor main entrance hall	No Asbestos Detected
14. Mastic on 12" x 12" grey vinyl floor tile at first floor main entrance hall	No Asbestos Detected
15. 12" x 12" White vinyl floor tile at kitchen	No Asbestos Detected
16. Mastic on 12" x 12" white vinyl floor tile at kitchen	5% Asbestos
17. 12" x 12" White vinyl floor tile at kitchen	No Asbestos Detected
18. Mastic on 12" x 12" white vinyl floor tile at kitchen	5% Asbestos
19. 12" x 12" Dark grey vinyl floor tile at reception addition	No Asbestos Detected
20. Mastic on 12" x 12" dark grey vinyl floor tile at reception addition	No Asbestos Detected
21. 12" x 12" Dark grey vinyl floor tile at reception addition	No Asbestos Detected
22. Mastic on 12" x 12" dark grey vinyl floor tile at reception addition	No Asbestos Detected
23. 9" x 9" vinyl floor tile at custodian hall	3% Asbestos
24. Mastic on 9" x 9" vinyl floor tile at custodian hall	5% Asbestos
25. Mastic on 9" x 9" vinyl floor tile at custodian hall	5% Asbestos
26. 9" x 9" vinyl floor tile under carpet at mezzanine hall	5% Asbestos
27. Mastic on 9" x 9" vinyl floor tile under carpet at mezzanine hall	5% Asbestos
28. Terrazzo floor at rear stairs down to basement	No Asbestos Detected
29. Adhesive for glazed wall tile at custodian areas	No Asbestos Detected
30. Grout on glazed wall tile at custodian areas	No Asbestos Detected
31. Pipe insulation behind wall plaster at basement pool room	40% Asbestos
32. Air cell padding behind metal paneling at library under window	70% Asbestos
33. Wood fire door at hall to custodian office/area	No Asbestos Detected
34. Red duct sealant at stairwell landing to mezzanine	No Asbestos Detected
35. Red duct sealant at stairwell landing to mezzanine	No Asbestos Detected
36. Vertical damproofing sealant on seam of foundation at basement library	10% Asbestos
37. Vertical damproofing sealant on seam of foundation at basement library/lounge	10% Asbestos
38. Light grey damproofing for sink at basement art room	No Asbestos Detected
39. Light grey damproofing for sink at kitchen	No Asbestos Detected
40. Dark grey damproofing for sink at kitchen	No Asbestos Detected
41. 1' x 1' Acoustical tile at basement library/lounge	No Asbestos Detected
42. 1' x 1' Acoustical tile at basement pool room	No Asbestos Detected
43. 1' x 1' Acoustical tile at basement hall outside Richmond room	No Asbestos Detected
44. Rough finish on concrete ceiling at first floor hall outside bathrooms	2% Asbestos
45. Rough finish on concrete ceiling at first floor hall by elevator	2% Asbestos
46. Rough finish on concrete ceiling at first floor hall at duct	2% Asbestos
47. Ceiling plaster at basement art room	No Asbestos Detected
48. Ceiling plaster at basement pool room	No Asbestos Detected
49. Ceiling plaster at basement library/lounge	No Asbestos Detected
50. Ceiling plaster at basement hall outside bathrooms	No Asbestos Detected
51. Ceiling plaster at basement hall outside Richmond room	No Asbestos Detected
52. Ceiling plaster at beam at mezzanine hall	No Asbestos Detected
53. Ceiling plaster at custodian basement storage	No Asbestos Detected
54. Wall plaster at basement hall outside custodian	No Asbestos Detected
55. Wall plaster at basement center stairwell	No Asbestos Detected
56. Wall plaster at first floor library kitchen side	No Asbestos Detected
57. Wall plaster at kitchen	No Asbestos Detected
58. Wall plaster at basement hall outside bathroom at stairs	No Asbestos Detected
59. Wall plaster type II at basement library/lounge	No Asbestos Detected
60. Wall plaster type II at basement center hall	No Asbestos Detected
61. Wall plaster type II at basement wellness room	No Asbestos Detected
62. Wall plaster type II at basement library/lounge	No Asbestos Detected
63. Wall plaster type II at basement art room	No Asbestos Detected
64. Wall plaster type II at basement pool room under ceramics closet	No Asbestos Detected
65. Exterior window glazing at basement front of building	No Asbestos Detected
66. Exterior window glazing at kitchen side library	2% Asbestos
67. Exterior window glazing at high window from roof	No Asbestos Detected
68. Exterior window glazing at first floor bathroom	No Asbestos Detected

69. Vertical sealant in foundation corner at stairs down to library

10% Asbestos

Observations and Conclusions:

All ACM must be removed by a Massachusetts licensed asbestos abatement contractor prior to any renovation or demolition activities that might disturb the ACM under the supervision of a Massachusetts licensed project monitor.

1. Flashing tar at slate roof at slate roof to wall was found to contain asbestos.
2. Mastic at 12" x 12" white vinyl floor tile was found to contain asbestos.
3. 9" x 9" Vinyl floor tile was found to contain asbestos.
4. Mastic for 9" x 9" vinyl floor tile was found to contain asbestos.
5. Pipe insulation was found to contain asbestos. The ACM was found to exist behind walls and above ceilings.
6. Air cell padding insulation was found to contain asbestos. The ACM was found to exist in metal heating cabinets under windows.
7. Rough finish on concrete ceiling was found to contain asbestos.
8. Exterior window glazing was found to contain asbestos.
9. Vertical sealant in foundation corner at stairs down to library was found to contain asbestos.
10. Vertical damproofing sealant on seam of foundation was found to contain asbestos.
11. 1' x 1' Ceiling tile and glue daubs were assumed to contain asbestos.
12. Transite sewer pipe was assumed to exist.
13. Damproofing on foundation walls was assumed to exist and assumed to contain asbestos.
14. All remaining suspect materials were found not to contain asbestos.

3.0 COST ESTIMATES:

The cost includes removal and disposal of all accessible ACM.

Location	Material	Approximate Quantity	Cost Estimate (\$)
Various Locations	Vinyl Floor Tile and Mastic	1,000 SF	6,000.00
	Air Cell Padding Insulation	1,500 SF	30,000.00
	Hidden Pipe and Hard Joint Insulation	2,000 LF	60,000.00
	Miscellaneous ACM	Unknown	5,000.00
	Miscellaneous Hazardous Materials	Unknown	5,000.00
First Floor	1' x 1' Acoustical Ceiling Tile and Glue Daubs	2,100 SF	14,700.00
	Rough Finish on Concrete Ceiling	400 SF	4,000.00
Exterior	Windows	135 Total	40,500.00
	Foundation Sealant	Unknown	15,000.00
	Roofing Tar Flashing	Unknown	10,000.00
	Transite Sewer Pipe	Unknown	15,000.00
	Damproofing	Unknown	25,000.00
Design, Construction Monitoring and Air Sampling Fees			29,800.00
TOTAL:			\$ 260,000.00

4.0 DESCRIPTION OF SURVEY METHODS AND LABORATORY ANALYSES:

Asbestos samples were collected using a method that prevents fiber release. Homogeneous sample areas were determined by criteria outlined in EPA document 560/5-85-030a. Bulk material samples were analyzed using PLM and dispersion staining techniques in accordance with EPA method 600/M4-82-020.

5.0 LIMITATIONS AND CONDITIONS:

This report has been completed based on visual and physical observations made and information available at the time of the site visits, as well as an interview with the Owner's representatives. This report is intended to be used as a summary of available information on existing conditions with conclusions based on a reasonable and knowledgeable review of evidence found in accordance with normally accepted industry standards, state and federal protocols, and within the scope and budget established by the client. Any additional data obtained by further review must be reviewed by UEC and the conclusions presented herein may be modified accordingly.

This report and attachments, prepared for the exclusive use of Owner for use in an environmental evaluation of the subject site, are an integral part of the inspections and opinions should not be formulated without reading the report in its entirety. No part of this report may be altered, used, copied, or relied upon without prior written permission from UEC, except that this report may be conveyed in its entirety to parties associated with Owner for this subject study.

Inspected By:



Jason Becotte
Asbestos Inspector
(AI-034963)

Inspected By:



Leonard J. Busa
Asbestos Inspector
(AI-030673)

CHAIN OF CUSTODY 132006512

Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702
Tel: (508) 628-5486 - Fax: (508) 628-5488
adieb@uec-env.com

PLM

48-hour TAT

Town/City: Newton, MA Building Name: Senior Center Roof

Sample	Result	Description of Material	Sample Location
1		Black paper	under slate roof
2		l l	
3		Light weight cement deck	
4		l l	
5		Flashing tar at slate roof	slate roof to wall
6		Fiberboard	new nw addition roof cut
7		Paper on cement deck	elevator penthouse roof cut
8		Tar roofing	west roof middle cut
9		l l	
10		Tar roofing	west roof south cut
11		Tar roofing	SW addition roof cut
12		Paper on wood deck	
13		Flashing caulk	west roof
14		l l	SW roof
15		Black Joint caulk	west roof
16		l l	SW roof
17		Pipe Penetration caulk	west roof
18		l l	

Reported By: Jason Bewick Date: 9-17-20 Due Date: 345

Received By: _____ Date: _____

REC'D
EMSL-BOSTON
SEP 17 2020

Wainin



EMSL Analytical, Inc.

5 Constitution Way, Unit A Woburn, MA 01801

Tel/Fax: (781) 933-8411 / (781) 933-8412

<http://www.EMSL.com> / bostonlab@emsl.com

EMSL Order: 132006512

Customer ID: UEC63

Customer PO:

Project ID:

Attention: Ammar Dieb
Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702

Phone: (617) 984-9772

Fax: (508) 628-5488

Received Date: 09/17/2020 3:45 PM

Analysis Date: 09/19/2020

Collected Date: 09/17/2020

Project: Senior Center Roof; Newton, MA

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 132006512-0001	Under Slate Roof - Black Paper	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
2 132006512-0002	Under Slate Roof - Black Paper	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
3 132006512-0003	Under Slate Roof - Lightweight Cement Deck	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4 132006512-0004	Under Slate Roof - Lightweight Cement Deck	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
5 132006512-0005	Slate Roof to Wall - Flashing Tar at Slate Roof	Black Non-Fibrous Homogeneous		90% Non-fibrous (Other)	10% Chrysotile
6 132006512-0006	New NW Addition Roof Cut - Fiberboard	Tan Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
7 132006512-0007	Elevator Pent House Roof Cut - Paper on Cement Deck	Gray Fibrous Homogeneous	75% Cellulose 5% Glass	20% Non-fibrous (Other)	None Detected
8 132006512-0008	West Roof Middle Cut - Tar Roofing	Black Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
9 132006512-0009	West Roof Middle Cut - Tar Roofing	Black Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
10 132006512-0010	West Roof South Cut - Tar Roofing	Black Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
11 132006512-0011	SW Addition Roof Cut - Tar Roofing	Black Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (Other)	None Detected
12 132006512-0012	SW Addition Roof Cut - Paper on Wood Deck	Gray Non-Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
13 132006512-0013	West Roof - Flashing Caulk	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
14 132006512-0014	SW Roof - Flashing Caulk	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
15 132006512-0015	West Roof - Black Joint Caulk	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
16 132006512-0016	SW Roof - Black Joint Caulk	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 09/19/2020 16:05:37



EMSL Analytical, Inc.

5 Constitution Way, Unit A Woburn, MA 01801

Tel/Fax: (781) 933-8411 / (781) 933-8412

<http://www.EMSL.com> / bostonlab@emsl.com

EMSL Order: 132006512
Customer ID: UEC63
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
17 <small>132006512-0017</small>	West Roof - Pipe Penetration Caulk	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
18 <small>132006512-0018</small>	West Roof - Pipe Penetration Caulk	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)

Kevin Pine (18)

Steve Grise, 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. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-139, VT AL998919, Maine Bulk Asbestos LB-0039

Initial report from: 09/19/2020 16:05:37



Asbestos Identification Laboratory

165 New Boston St., Ste 227
Woburn, MA 01801
781-932-9600

Web: www.asbestosidentificationlab.com
Email: mikemanning@asbestosidentificationlab.com

Batch: 56355



September 22, 2020

Ammar Dieb
Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702

Project Name: *Newton Senior Center*
Project Number:
Date Sampled: 2020-09-18
Work Received: 2020-09-21
Work Analyzed: 2020-09-21

Analysis Method: BULK PLM ANALYSIS EPA/600/R-93/116

Dear Ammar Dieb,

Asbestos Identification Laboratory has completed the analysis of the samples from your office for the above referenced project. The information and analysis contained in this report have been generated using the EPA /600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials. Materials or products that contain more than 1% of any kind or combination of asbestos are considered an asbestos containing building material as determined by the EPA. This Polarized Light Microscope (PLM) technique may be performed either by visual estimation or point counting. Point counting provides a determination of the area percentage of asbestos in a sample. If the asbestos is estimated to be less than 10% by visual estimation of friable material, the determination may be repeated using the point counting technique. The results of the point counting supersede visual PLM results. Results in this report only relate to the items tested. This report may not be used by the customer to claim product endorsement by NVLAP or any other U.S. Government Agency.

Laboratory results represent the analysis of samples as submitted by the customer. Information regarding sample location, description, area, volume, etc., was provided by the customer. Asbestos Identification Laboratory is not responsible for sample collection activities or analytical method limitations. Unless notified in writing to return samples, Asbestos Identification Laboratory discards customer samples after 30 days. Samples containing subsamples or layers will be analyzed separately when applicable. Reports are kept at Asbestos Identification Laboratory for three years. This report shall not be reproduced, except in full, without the written consent of Asbestos Identification Laboratory.

- NVLAP Lab Code: 200919-0
- Massachusetts Certification License: AA000208
- State of Connecticut, Department of Public Health Approved Environmental Laboratory Registration Number: PH-0142
- State of Maine, Department of Environmental Protection Asbestos Analytical Laboratory License Number: LB-0078(Bulk) LA-0087(Air)
- State of Rhode Island and Providence Plantations. Department of Health Certification: AAL-121
- State of Vermont, Department of Health Environmental Health License AL934461

Thank you Ammar Dieb for your business.

Michael Manning
Owner/Director

Ammar Dieb
 Universal Environmental Consultants
 12 Brewster Road
 Framingham, MA 01702

Project Name: *Newton Senior Center*
Project Number:
Date Sampled: 2020-09-18
Work Received: 2020-09-21
Work Analyzed: 2020-09-21

Analysis Method: BULK PLM ANALYSIS EPA/600/R-93/116

FieldID LabID	Material	Location	Color	Non-Asbestos %	Asbestos %
1 626829	Joint Compound (JC)	Mezzanine Hall Wall	white	Non-Fibrous 100	None Detected
2 626830	JC	1st Fl. Bathroom Wall	white	Non-Fibrous 100	None Detected
3 626831	JC	Bsmt. Pool Rm. Wall	white	Non-Fibrous 100	None Detected
4 626832	JC	Bsmt. Library/Lounge	white	Non-Fibrous 100	None Detected
5 626833	JC	Addition Reception	white	Non-Fibrous 100	None Detected
6 626834	Fireproofing (FP)	Addition Reception - Above Clg	gray	Mineral Wool 70 Non-Fibrous 30	None Detected
7 626835	FP	Addition Reception - Above Clg.	gray	Mineral Wool 75 Non-Fibrous 25	None Detected
8 626836	FP	Addition Reception - Above Clg.	gray	Mineral Wool 75 Non-Fibrous 25	None Detected
9 626837	12" Grey VT-I	1st Fl, Library	gray	Non-Fibrous 100	None Detected
10 626838	Adhesive? Tan Adhesive?	1st Fl, Library	yellow	Non-Fibrous 100	None Detected
11 626839	VT-I	1st Fl. Library, Kitchen Side	gray	Non-Fibrous 100	None Detected
12 626840	Mastic #11	1st Fl. Library, Kitchen Side	black	Non-Fibrous 100	None Detected
13 626841	VT-I	1st Fl Main Entrance Hall	gray	Non-Fibrous 100	None Detected
14 626842	(M) #13	1st Fl Main Entrance Hall	black	Non-Fibrous 100	None Detected

FieldID LabID	Material	Location	Color	Non-Asbestos %	Asbestos %
15 626843	12" VT-II (White)	Kitchen	tan	Non-Fibrous 100	None Detected
16 626844	Mastic #15	Kitchen	black	Non-Fibrous 95	Detected Chrysotile 5
17 626845	VT-II	Kitchen	tan	Non-Fibrous 100	None Detected
18 626846	(M) #17	Kitchen	black	Non-Fibrous 95	Detected Chrysotile 5
19 626847	12" VT-III (Dark Gray)	Addition Reception	white	Non-Fibrous 100	None Detected
20 626848	Mastic #19	Addition Reception	black	Cellulose 5 Non-Fibrous 95	None Detected
21 626849	VT-III	Addition Reception	white	Non-Fibrous 100	None Detected
22 626850	(M) #21	Addition Reception	black	Cellulose 10 Non-Fibrous 90	None Detected
23 626851	9" Floor Tile	Custodian Hall	brown	Non-Fibrous 97	Detected Chrysotile 3
24 626852	(M) #23	Custodian Hall	black	Non-Fibrous 95	Detected Chrysotile 5
25 626853	Mastic for 9" Floor Tile	Custodian Hall	black	Non-Fibrous 95	Detected Chrysotile 5
26 626854	9" Floor Tile Under Carpet	Mezzanine Hall	brown	Non-Fibrous 95	Detected Chrysotile 5
27 626855	(M) #26	Mezzanine Hall	black	Non-Fibrous 95	Detected Chrysotile 5
28 626856	Terrazo Floor	Stairs Down to Bsmt, Rear	multi	Non-Fibrous 100	None Detected
29 626857	Adhesive for Glazed Wall Tile	Custodian Areas	yellow	Non-Fibrous 100	None Detected
30 626858	Grout #29	Custodian Areas	white	Non-Fibrous 100	None Detected
31 626859	Pipe Insulation	Behind Wall Plaster Bsmt Pool Rm.	multi	Non-Fibrous 60	Detected Chrysotile 30 Amosite 10
32 626860	Air Cell Padding	Behind Metal Paneling/Under Window Library @ Exterior Wall	gray	Non-Fibrous 30	Detected Chrysotile 70

FieldID LabID	Material	Location	Color	Non-Asbestos %	Asbestos %
33 626861	Wood Fire Door	Hall to Custodian Office/Areas	gray	Cellulose 25 Non-Fibrous 75	None Detected
34 626862	Red Duct Sealant	Stairwell Landing to Mezzanine	red	Non-Fibrous 100	None Detected
35 626863	Red Duct Sealant	Stairwell Landing to Mezzanine	red	Non-Fibrous 100	None Detected
36 626864	Verticle Damproofing Sealant	On Seam of Foundation Behind WP Bsmt. Library/Lounge	black	Non-Fibrous 90	Detected Chrysotile 10
37 626865	Verticle Damproofing	On Seam of Foundation, Behind WP - Basement Library/Lounge	black	Non-Fibrous 90	Detected Chrysotile 10
38 626866	Light Grey dp for Sink	Bsmt. Art Rm.	gray	Cellulose 15 Non-Fibrous 85	None Detected
39 626867	Lt. Grey dp for Sink	Kitchen	gray	Cellulose 20 Non-Fibrous 80	None Detected
40 626868	Dark Grey dp for Sink	Kitchen	gray	Cellulose 15 Non-Fibrous 85	None Detected
41 626869	1x1 (AT)	Bsmt. Library/Lounge	tan	Fiberglass 20 Non-Fibrous 80	None Detected
42 626870	1x1 (AT)	Bsmt. Pool Room	tan	Fiberglass 20 Non-Fibrous 80	None Detected
43 626871	1x1 (AT)	Bsmt. Hall Outside Richmond Rm.	gray	Fiberglass 75 Non-Fibrous 25	None Detected
44 626872	Rough Finish on Concrete? clg	1st Fl. Hall Outside Bathrooms	multi	Non-Fibrous 98	Detected Chrysotile 2
45 626873	Rough Finish on Concrete? clg	1st Fl. Hall by Elev.	multi	Non-Fibrous 98	Detected Chrysotile 2
46 626874	Rough Finish on Concrete? clg	1st Fl. hall @ Duct	multi	Non-Fibrous 98	Detected Chrysotile 2
47 626875	Ceiling Plaster (CP)	Bsmt. Art Rm.	gray	Non-Fibrous 100	None Detected
48 626876	CP	Bsmt. Pool Rm.	gray	Non-Fibrous 100	None Detected
49 626877	CP	Bsmt. Library/Lounge	gray	Non-Fibrous 100	None Detected
50 626878	CP	Bsmt. Hall Outside Bathrooms	white	Non-Fibrous 100	None Detected

FieldID LabID	Material	Location	Color	Non-Asbestos %	Asbestos %
51 626879	CP	Bsmt. hall Outside Richmond Rm.	gray	Non-Fibrous 100	None Detected
52 626880	CP	From Beam @ Mezzanine hall	white	Non-Fibrous 100	None Detected
53 626881	CP	Custodian Storage, Bsmt.	white	Non-Fibrous 100	None Detected
54 626882	Wall Plaster (WP)	Hall Outside Custodian, Bsmt.	multi	Non-Fibrous 100	None Detected
55 626883	WP	Bsmt. Center Stairwell	multi	Non-Fibrous 100	None Detected
56 626884	WP	Library, Kitchen Side, 1st Fl.	white	Non-Fibrous 100	None Detected
57 626885	WP	Kitchen	multi	Non-Fibrous 100	None Detected
58 626886	WP	Hall Outside Bathroom, @ Stairs, Bsmt.	multi	Non-Fibrous 100	None Detected
59 626887	Wall Plaster-II	Bsmt. Library Lounge	multi	Non-Fibrous 100	None Detected
60 626888	WP-II	Bsmt. Center Hall	multi	Non-Fibrous 100	None Detected
61 626889	WP-II	Bsmt. Wellness Rm.	multi	Non-Fibrous 100	None Detected
62 626890	WP-II	Bsmt. Library/Lounge	multi	Non-Fibrous 100	None Detected
63 626891	WP-II	Bsmt. Art Rm.	multi	Non-Fibrous 100	None Detected
64 626892	WP-II	Bsmt. Pool Rm. (Under Ceramics Closet)	multi	Non-Fibrous 100	None Detected
65 626893	Window Glazing	Front of Bldg (Bsmt) Exterior	gray	Non-Fibrous 100	None Detected
66 626894	Win. Gl	Kitchen Side Library, Exterior	gray	Non-Fibrous 98	Detected Chrysotile 2
67 626895	Win. Gl	High Win From Roof (J) Exterior	gray	Non-Fibrous 100	None Detected
68 626896	Win. Gl	1st Floor Bathroom - Exterior	gray	Non-Fibrous 100	None Detected

FieldID	Material	Location	Color	Non-Asbestos %	Asbestos %
LabID					
69	Vertical Sealant in Foundation Corner	Stairs Dn. to Library/Lounge - Exterior	black	Non-Fibrous 90	Detected Chrysotile 10
626897					

Tuesday 22

Michael Thumy

End of Report

Page 5 of 5

Analyzed by:

Batch: 56355

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CHAIN OF CUSTODY

Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702
Tel: (508) 628-5486 - Fax: (508) 628-5488
adieb@uec-env.com

Town/City: NEWTONVILLE, MA Building Name NEWTON SENIOR CENTER

Sample	Result	Description of Material	Sample Location
1		Joint Compound (JC)	mezzanine hall wall
2		JC	1 st Fl. bathroom wall
3		JC	Bsmt Pool rm wall
4		JC	Bsmt Library/Lounge
5		JC	addition reception
6		Fireproofing (FP)	
7		FP	
8		FP	
9		12" grey VT-I	1 st Fl, Library
10		adhesive? low adhesive?	" "
11		VT-I	1 st Fl, Library Kitchen side
12		MASTIC # 11	" " "
13		VT-I	1 st Fl main entrance hall
14		Ⓜ # 13	" " "
15		12" VT-II (white)	Kitchen
16		MASTIC # 15	
17		VT-II	
18		Ⓜ # 17	
19		12" VT-III (Dark Grey)	addition reception
20		MASTIC # 19	" " "

Reported By: [Signature] Date: 9-18-20 Due Date: 24-hr

Received By: [Signature] Date: 9/21/2020

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Town/City: Newtownville, MA Building Name NEWTON SENIOR CENTER

Sample	Result	Description of Material	Sample Location
21		VT-II	addition reception
22		(m) # 21	" " "
23		9" Floor Tile	CUSTODIAN hall
24		(a) # 23	" " "
25		MASTIC for 9" Floor Tile	" " "
26		9" Floor Tile under carpet	mezzanine hall
27		(m) # 26	" " "
28		TERRAZO Floor	stairs dn to Bsmt, near
29		adhesive for glazed wall tile	CUSTODIAN AREAS
30		gROUT # 29	" " "
31		pipe insulation behind wall plaster	Bsmt Pool rm
32		air cell padding behind metal paneling	under window Library & exterior wall
33		wood Fire Doors	hall to custodian OFFICE/AREAS
34		red duct sealant	stairwell landing to mezzanine
35		red duct sealant	" " "
36		vertical damp proofing sealant on seam of foundation	behind wp Bsmt Library/Kitchen
37		vertical dp @ seam of found. behind wp	Bsmt Library/Kitchen
38		Light Grey dp for sink	Bsmt - Art rm
39		Lt. Grey dp for sink	Kitchen
40		Dark Grey dp for sink	Kitchen

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adieb@uec-env.com

Town/City: Newtonville, MA Building Name: Newton Senior Center

Sample	Result	Description of Material	Sample Location
41		1x1 LAZ	Bsmt Library/Lounge
42		1x1 LAZ	Bsmt Pool Room
43		1x1 LAZ	Bsmt hall outside Richmond Rm
44		rough finish on concrete? cty	1st fl hall outside bathrms
45		rough fin. on concrete cty	1st fl hall by elev.
46		rough fin. on concrete cty	1st fl hall @ duct
47		ceiling plaster (CP)	Bsmt Art rm
48		CP	Bsmt Pool rm
49		CP	Bsmt Library/Lounge
50		CP	Bsmt hall outside Bathrms
51		CP	Bsmt hall outside Richmond Rm
52		CP	From beam @ mezzanine hall
53		CP	custodian storage, bsmt
54		wall plaster (WP)	hall outside custodian, bsmt
55		WP	Bsmt ^{center} stairwell
56		WP	Library, Kitchen side, 1st fl
57		WP	Kitchen
58		WP	hall outside bathrm, @ stairs, bsmt
59		wall plaster - II	Bsmt Library Lounge ✓
60		WP - II	Bsmt center hall

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