



 Like us  Follow us @LEWCorporation

1090 Bristol Road  
Mountainside, NJ 07092  
(908) 654-8068  
(800) 783-0567  
Fax 908-654-8069

## ASBESTOS SURVEY REPORT

**Performed At:**

LISA GENCARELLI  
202 Franklin Ave Unit 4  
Seaside Heights, NJ 08751

**Performed For:**

CB&I  
200 Horizon Center Blvd  
Trenton, NJ 08691

**Prepared By:**

LEW Corporation  
1090 Bristol Road  
Mountainside, NJ 07092

Phone (908) 654-8068  
Fax (908) 654-8069

Inspection Date: 09/21/2014 12:00 pm  
Project Number: 140784

# Table of Contents

<b>CONTACT INFORMATION.....</b>	<b>3</b>
<b>EXECUTIVE SUMMARY .....</b>	<b>4</b>
<b>INTRODUCTION.....</b>	<b>5</b>
<b>BACKGROUND.....</b>	<b>5</b>
<b>ASBESTOS SURVEY PROCEDURES.....</b>	<b>5</b>
<b>POSITIVE LABORATORY RESULTS.....</b>	<b>8</b>

## Appendices

APPENDIX A	LAB SUPPORT DOCUMENTS
APPENDIX B	PHOTOGRAPHS (IF APPLICABLE)
APPENDIX B	FLOOR PLAN(S)
APPENDIX C	BUILDING INSPECTOR CERTIFICATIONS

## CONTACT INFORMATION


### Site:

Site Name:	LISA GENCARELLI
Street Address:	202 Franklin Ave Unit 4 Seaside Heights, NJ 08751
Year of Construction:	2002

### Client:

Client Contact:	Dan Paetzold
Client Name:	CB&I
Street Address	200 Horizon Center Blvd Trenton, NJ 08691
Phone Number:	(855) 287-7736

### Asbestos Inspector:

Site Assessor Name:	Purooshotam Shivprashad
AHERA Certification #:	42098
Signature:	
Date:	September 26, 2014

### Consultant:

Organization:	LEW Corporation
Street:	1090 Bristol Road
City, State & Zip:	Mountainside, New Jersey 07092
Phone Number:	908-654-8068
Web Address:	<a href="http://www.lewcorp.com">http://www.lewcorp.com</a>

### Laboratory:

Organization:	EMSL Analytical, Inc.
Street:	107 Haddon Avenue
City, State & Zip:	Westmont, New Jersey 08108
Phone Number:	800-220-3675

## **Executive Summary**

On 09/21/2014 12:00 pm, Purooshotam Shivprashad, of LEW Corporation performed a limited survey for asbestos containing materials at 202 Franklin Ave Unit 4, Seaside Heights, NJ 08751. The inspection was conducted to determine the presence of asbestos containing materials (ACM) that will be impacted during the renovation, demolition and/or elevation of the residential property. No ACM was identified during the survey. Roofing could not be safely sampled and should be considered PACM until tested.

## **Introduction**

LEW Corporation was retained by CB&I to perform a limited survey at 202 Franklin Ave Unit 4, Seaside Heights, NJ 08751 for the presence of asbestos containing building materials (ACBM). The property is slated for renovation, demolition or elevation.

## **Background**

On 09/21/2014 12:00 pm, Puroshotam Shivprashad of LEW Corporation surveyed the accessible areas of the property. The scope of work for this project was limited to observing the areas indicated, bulk sampling accessible presumed asbestos containing building materials (PACBM), analyzing the samples, and giving conclusions based on the results.

## **Asbestos Survey Procedures**

The asbestos survey procedure consisted of a visual evaluation of exposed building materials to locate and identify suspect ACM. The inspector looked at material type and overall condition as well as any patchwork. Materials were assessed based upon the various types of presumed homogeneity observed throughout the facility.

LEW Corporation reminds that homogeneous sampling area contains material that is uniform in texture, color, date of application, and appears identical in every other respect. Materials installed at different times belong to separate homogeneous sampling areas. The selection of homogeneous sampling areas is a subjective process. If there is any reason to suspect that materials might be different even though they appear uniform, LEW Corporation will assign them to separate homogeneous sampling areas. For example, materials in different wings of a building on different floors, or in special areas such as cafeterias, machine shops, band rooms, etc, should be assigned to separate homogeneous sampling areas unless there is a good reason to believe that the material is identical throughout.

Since destructive sampling was not conducted, we did not demolish any parts of the building to access any hidden materials. If suspect ACM that was not previously sampled is sighted during any renovations, it should be sampled by a certified inspector or assumed to be asbestos. Attention is directed to Appendix A "General Statements Concerning Asbestos Inspections".

Samples were shipped to EMSL Analytical via Federal Express. In accordance with the Emergency Adoption by the New Jersey Health and Senior Services June 5, 2006 and clarification documentation, samples were analyzed using procedure found in "Test Method-Method for Determination of Asbestos on Bulk Building Materials" EPA 600/R-93/116, July 1993. Friable material materials were analyzed utilizing using Polarized Light Microscopy (PLM). Non-friable organically bound (NOB) materials and problem matrices were gravimetrically reduced and analyzed by PLM. If the result was less than or equal to 10% asbestos, the sample is point counted. Only when PLM analysis indicates that a sample contains 1% or less, including no asbestos, shall the sample be analyzed by Transmission Electron Microscopy (TEM).

“Wall Systems” (joint compound, tape and wallboard) were analyzed according EPA, 40 CFR Part 61, Subpart M, 55 FR 48406, Asbestos NESHAP Clarification Regarding Analysis of Multi-Layered Systems, effective on December 19, 1995. Excerpts of this clarification states:

*“... This clarification basically stated that all multi-layered systems except for wall systems where joint compound was used only at the joints and nail holes must be analyzed as separate materials, and results were not allowed to be combined to determine average asbestos content (continuing the policy that dilution of an asbestos-containing material is not allowed)...”*

LEW Corporation follows AHERA (40 CFR Part 763, Subpart E) protocol for bulk sampling due to its stringency unless if applicable, other arrangements are requested by the client and agreed with LEW Corporation.

The following is a chart indicating the samples taken in this survey. The apartment unit and apartment unit building exterior A-wall pertains to the wall that faces the street address, then the remaining walls are named in clockwise order.

Sample #	HA #	Material	Location	Est. Quantity
202-0921-1	1	Drywall	Above Kitchen Cabinet	2500 sqft
202-0921-2	1	Drywall	Above Kitchen Cabinet	2500 sqft
202-0921-3	2	Joint Compound	Above Kitchen Cabinet	500 lf
202-0921-4	2	Joint Compound	Above Kitchen Cabinet	500 lf

In *Surfacing Materials* case (like fireproofing), EPA in its guidance document: *Asbestos in Buildings, Simplified Sampling Scheme for Friable Surfacing Materials* (EPA 560/5-85-03a, October 1985, AKA “Pink Book”) recommends that 9 samples per homogenous area should be taken, with nine samples the likelihood of detecting asbestos when is present is very high, however, LEW Corporation might follow as a minimum the “AHERA’s 3,5,7 rule” which specifies taking 3 samples per each homogenous area that is 1000 SF or less, 5 samples per each homogenous area greater than 1000 SF but less than or equal than 5000 SF, and finally 7 samples will be taken from each homogenous area that is greater than 5000 SF.

Regarding *Thermal System Insulation* case (pipes, boilers, ductworks, etc), at least three bulk samples should be taken from each homogenous area of TSI that is not assumed to be ACM. For long pipe runs or risers, more samples should be taken, especially if the piping extends to more the one *functional space* (spatially distinct units within a building which contain identifiable populations of building occupants). One bulk sample from each homogenous area of patched TSI that is not assumed to be ACM if the patched section is less than 6 linear or square feet.

For the case of *Miscellaneous Materials* (for the most part non-friable like transite or floor tiles; ceiling tiles are an exception), EPA does not recommend sampling them. Instead, they should be identified as suspect and documented as such in permanent records. Some building owners might wish to have miscellaneous materials sampled and analyzed anyway. If sampling is desired LEW

Corporation will try to identify separate homogeneous areas just as it would be done for surfacing materials or thermal insulation and collect a minimum of 2 samples. Then, convenience samples will be collected in inconspicuous locations.

LEW Corporation reminds that homogeneous sampling area contains material that is uniform in texture, color, date of application, and appears identical in every other respect. Materials installed at different times belong to separate homogeneous sampling areas. If there is any reason to suspect that materials might be different even though they appear uniform, LEW Corporation will assign them to separate homogeneous sampling areas. For example, materials in different wings of a building on different floors, or in special areas such as cafeterias, machine shops, band rooms, etc, should be assigned to separate homogeneous sampling areas unless there is a good reason to believe that the material is identical throughout.

ACM TYPE	SIZE OF HOMOGENEOUS AREA	MINIMUM NO. OF SAMPLES
Surfacing Materials	less than or equal to 1000 square feet (sf)	3
	greater than 1000 sf and less than 5000 sf	5
	greater than 5000 sf	7
Thermal System Insulation	areas not assumed to be ACM	3
	patched areas (<6 linear feet (lf) or 6 sf)	1
Miscellaneous Material	sufficient samples from areas that are not assumed to contain ACM	2

Since destructive sampling was not conducted, we did not demolish any parts of the building to access any hidden materials. If PACBM that was not previously sampled is sighted during any renovations, it should be sampled by a certified inspector or assumed to be asbestos. Attention is directed to Appendix A "General Statements Concerning Asbestos Inspections".

## Positive Laboratory Results

The following is a chart indicating the samples taken and the positive laboratory results. Asbestos containing material means any material that contains more than one percent asbestos by weight. Friable asbestos material means that it is capable of being crumpled, pulverized, or reduced to powder by hand pressure and normally non-friable material that during abatement process could be rendered friable as defined by EPA. Roofing could not be safely sampled and should be considered PACM until tested.

Sample #	Type	Location	% Asbestos	Friable	Condition
None					



Appendix A      Lab Support Documents



# EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077  
Phone/Fax: (800) 220-3675 / (856) 786-5974  
<http://www.EMSL.com> / [cinnasblab@EMSL.com](mailto:cinnasblab@EMSL.com)

EMSL Order ID: 041427922  
Customer ID: LEWC50  
Customer PO:  
Project ID:

**Attn:** Lab Results  
LEW Corporation  
1090 Bristol Road  
Mountainside, NJ 07092  
**Phone:** (908) 654-8068  
**Fax:** (908) 654-8069  
**Collected:** 9/21/2014  
**Received:** 9/23/2014  
**Analyzed:** 9/24/2014  
**Proj:** 140784 / 202 Franklin Ave., Unit 4, Seaside Heights

## Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120 via EPA 600/R-93/116

**Client Sample ID:** 202-0921-1 **Lab Sample ID:** 041427922-0001

**Sample Description:** Kitchen above Cabinet/Drywall

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	9/24/2014	Brown/Gray	15%	85%	None Detected	

**Client Sample ID:** 202-0921-2 **Lab Sample ID:** 041427922-0002

**Sample Description:** Kitchen above Cabinet/Drywall

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	9/24/2014	Brown/White	15%	85%	None Detected	

**Client Sample ID:** 202-0921-3 **Lab Sample ID:** 041427922-0003

**Sample Description:** Kitchen above Cabinet/Joint Compound

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	9/24/2014	Brown/Gray	15%	85%	None Detected	

**Client Sample ID:** 202-0921-4 **Lab Sample ID:** 041427922-0004

**Sample Description:** Kitchen above Cabinet/Joint Compound

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	9/24/2014	Brown/White	15%	85%	None Detected	

### Analyst(s):

Alexis Kum PLM (2)  
Chelsey Bilhear PLM (2)

### Reviewed and approved by:

Stephen Siegel, CIH, Laboratory Manager  
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. This test report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. EMSL bears no responsibility for sample collection activities or analytical method limitations. The laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. PLM alone is not consistently reliable in detecting asbestos in floor coverings and similar NOBs.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036

Initial report from: 09/24/2014 08:38:40



### Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

Cinnaminson, NJ 08077  
PHONE: 1-800-220-3675  
FAX: (856) 786-5974

EMSL ANALYTICAL, INC.  
LABORATORY PRODUCTS TRAINING

041427922

Company: LEW Corporation		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 1090 Bristol Rd		Third Party Billing requires written authorization from third party	
City: Mountainside	State/Province: NJ	Zip/Postal Code: 07092	Country: United States
Report To (Name):		Telephone #: 9086548068	
Email Address: labresults@lewcorp.com		Fax #: 9086548069	Purchase Order:
Project Name/Number: 140784	Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Mail		
U.S. State Samples Taken: NJ	CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt		

Turnaround Time (TAT) Options\* - Please Check

- 3 Hour  
 6 Hour  
 24 Hour  
 48 Hour  
 72 Hour  
 96 Hour  
 1 Week  
 2 Week

\*For TEM Air 3 hr through 6 hr, please call ahead to schedule. \*There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

<b>PLM - Bulk (reporting limit)</b>		<b>TEM - Bulk</b>	
<input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%)	<input type="checkbox"/> TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1	<input type="checkbox"/> NY ELAP Method 198.4 (TEM)	
<input type="checkbox"/> PLM EPA NOB (<1%)	<input type="checkbox"/> Chatfield Protocol (semi-quantitative)	<input type="checkbox"/> TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2	
Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)	<input type="checkbox"/> TEM Qualitative via Filtration Prep Technique	<input type="checkbox"/> TEM Qualitative via Drop Mount Prep Technique	
Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)	<b>Other</b>		
<input type="checkbox"/> NIOSH 9002 (<1%)	<input checked="" type="checkbox"/> NOB-TEM Only		
<input type="checkbox"/> NY ELAP Method 198.1 (friable in NY)			
<input type="checkbox"/> NY ELAP Method 198.6 NOB (non-friable-NY)			
<input type="checkbox"/> OSHA ID-191 Modified			
<input type="checkbox"/> Standard Addition Method			

Check For Positive Stop - Clearly Identify Homogenous Group      Date Sampled: 09/21/14

Samplers Name: *FRANK STEW RASHAD*      Samplers Signature: *[Signature]*

202  
↓

Sample #	HA #	Sample Location	Material Description
0921-1	1	} Kit above cabinet	} Dry wall
1-2	1		
1-3	2	} Kit above cabinet	} JOINT COMPOUND
1-4	2		

14 SEP 23 AM 11:30  
CINNAMINSON, NJ

Client Sample # (s): 1 - 4      Total # of Samples: 4

Relinquished (Client): *[Signature]*      Date: 09/21/14      Time: 02:30

Received (Lab): *PAK*      EMSL FX      Date: 9/23/14      Time: 0930

Comments/Special Instructions:

Site Address: 202 FRANK WOOD AVE. Unit 4, Seaside Heights

(4)

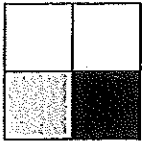
## Appendix B      Photos (if applicable)

LEW Corporation is not responsible for the quality of the pictures, nor the clarity, content or the detail.



Drywall & Joint Compound Sample

Appendix C Floor Plan(s)

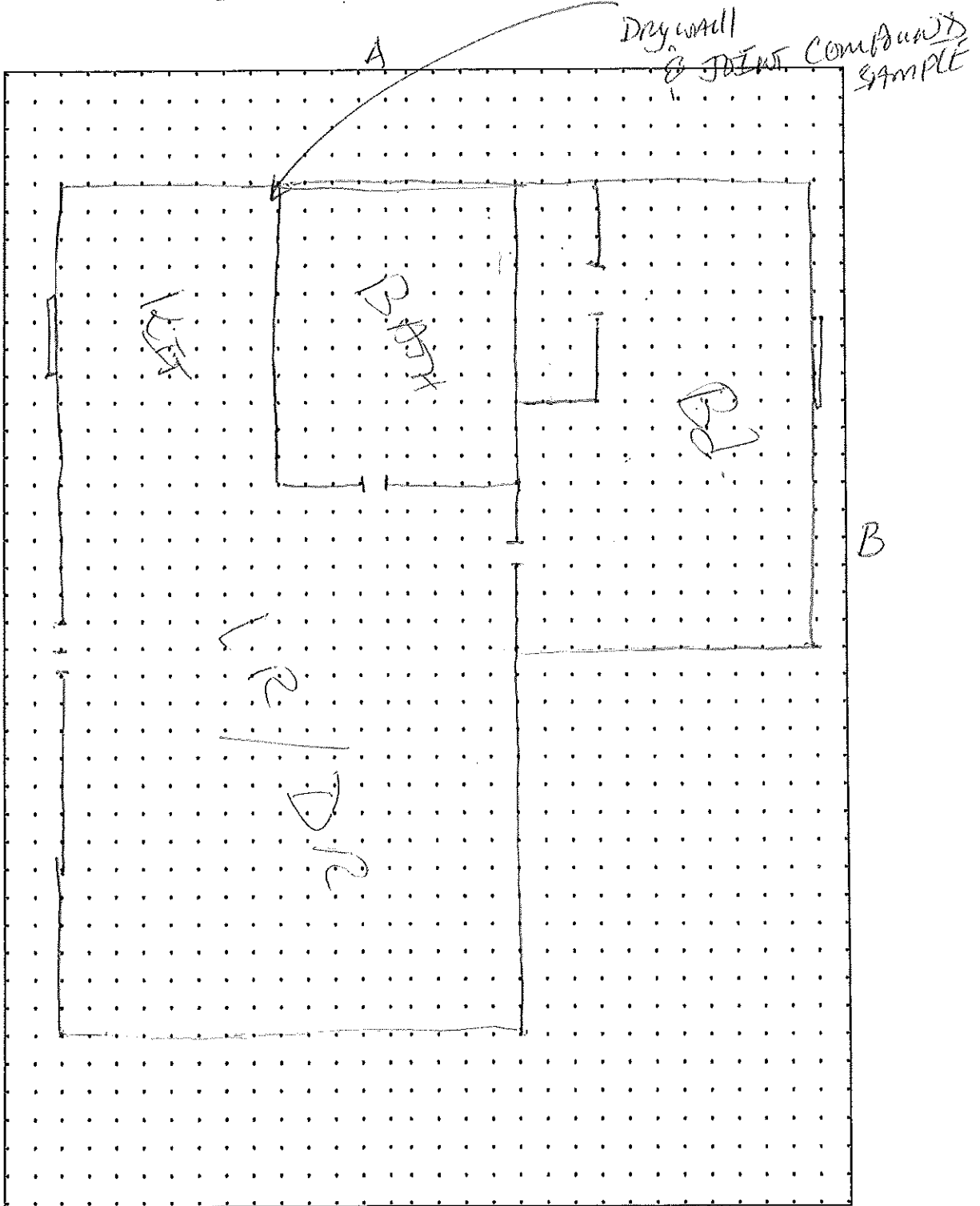


**LEW**  
Corporation

"The Environmental Company"

1090 Bristol Road  
Mountainside, NJ 07092  
(908) 654-8068  
(800) 783-0567  
Fax (908) 654-8069  
www.lewcorp.com

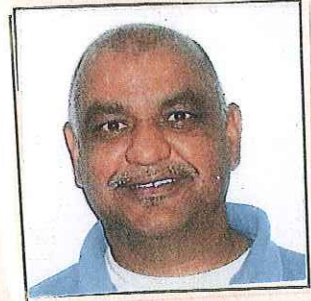
Site: 202 FRANKLIN AVE UNIT 9, SEASIDE HEIGHTS



Appendix D      Building Inspector Certifications



ISS 07/01/14  
EXP 07/01/15  
DB 06/30/62  
SEX Male  
HT 5'4"  
WT 160 lbs.  
EYE Brown



ADDRESS 86 Vaughn Drive  
Newark, NJ 07103



National Asbestos  
& Environmental  
Training Institute

I.D. #

42098

This Certifies That

**P. Jeff Shivprashad**  
(Trainee Name - Types or Printed in Ink)

**N/A**  
(Soc. Sec. Number)

has completed **1/2-Day Asbestos Building**

**Inspector Refresher**

in accordance with the

provisions of **EPA/AHERA**

on **7/1/14**  
(Date)

**Doris L. Adler**

President

  
(See reverse side)

3321 Doris Ave., Building B, Ocean, NJ 07712 • Tel.: (732)531-5571