

ASBESTOS SURVEY REPORT

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION ENVIRONMENTAL REVIEW CDBG-DR PROGRAM

Applicant ID SBL39524
PROVIDENCE SEASHORE HOUSE, LLC
ATLANTIC CITY, NJ 08401

Applicant / Property Owner:

PROVIDENCE SEASHORE HOUSE, LLC
35 SOUTH ANNAPOLIS AVE
ATLANTIC CITY, NJ 08401

Subject Property Address:

PROVIDENCE SEASHORE HOUSE
35 SOUTH ANNAPOLIS AVE
ATLANTIC CITY, NJ 08401

Assessment Firm:

URS CORPORATION (NEW JERSEY)
1255 BROAD STREET
SUITE 201
CLIFTON, NJ 07013
(973) 883-8500 PHONE

Project No: 15807775.01000

Prepared For:

NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL
PROTECTION
ENVIRONMENTAL REVIEW CDBG-DR
PROGRAM
101 SOUTH BROAD STREET
TRENTON, NJ 08625

Inspector: MICHAEL COLLINS
Certification: PA ACC-1114-6-010

Prepared by Inspector: MICHAEL COLLINS

12/10/2014

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Introduction

URS Corporation a CDBG Contractor was tasked with performing asbestos survey. The primary purposes of this asbestos survey was to (1) identify potential asbestos hazards and areas of deteriorated asbestos on presumed asbestos containing building components and (2) identify building components containing asbestos to control hazards from asbestos-containing materials and/or presumed asbestos-containing materials during the repair/reconstruction phase of the Program.

Applicable Laws, Regulations, Guidance and Other References

- United States Environmental Protection Agency (USEPA)
 - AHERA (40 CFR Part 763.83 Subpart E)
 - NESHAPS (40 CFR Part 61 Subpart M)
- New Jersey Department of Environmental Protection (NJDEP)
 - Generator Requirements for disposal of asbestos containing waste (N.J.A.C. 7:26-2, N.J.A.C. 7:26-3)
- New Jersey Department of Labor (NJDOL)
 - N.J.S.A. 34:11
 - N.J.A.C. 12:60
 - N.J.A.C. 12:120
- New Jersey Department of Health (NJDOH)
 - Asbestos Training and Certification Activities (N.J.A.C. 8:60)
- Occupational Safety and Health Administration (OSHA)
 - 29 CFR 1910.1001
 - 29 CFR 1915.1001

Applicable portions of these documents were utilized to determine the Scope of Work performed during this asbestos survey. The survey focused on readily accessible materials classified by the inspector to be presumed asbestos-containing materials. The survey used limited destructive means and was not intended to detect latent, hidden, concealed or obstructed presumed asbestos-containing materials.

General Background Information or Definitions

Material Classification

There are three main kinds of material according to EPA sampling guidelines. They are surfacing material, thermal systems insulation, and miscellaneous material. The classification bears implications for number of samples to be collected. For surfacing materials, there is the 3-5-7 rule, meaning 3 samples collected from less than 1,000 square feet area, 5 samples from 1,000 to 5,000 square feet area, and 7 samples from greater than 5,000 square feet area. For TSI, with some exceptions, 3 samples should be collected from each homogeneous area. For miscellaneous material, at least one sample should be taken from each homogeneous material.

Recognition of Homogeneous Areas

Homogeneous material means an area of surfacing material, TSI or miscellaneous material that is uniform in color and texture. It should be pointed out that materials which appear to be homogeneous and adjacent to each other may in fact have different contents in terms of asbestos and only laboratory testing will indicate whether they are really the same homogeneous area.

Differentiation of Friable vs. Non-Friable

A material that contains asbestos is friable if the material, when dry, may be crumbled, pulverized, or reduced to powder by hand pressure, and includes previously non-friable material after such previous non-friable material becomes damaged to the extent that it meets the criteria as a friable material. The following inspection procedure is based on AHERA sampling protocol found under 40 CFR 763.86 "Sampling".

The following table itemizes typical suspect materials that may be present:

Acoustical Plaster Electrical Panel Partitions
Adhesives Fireproofing Materials
Asphalt Floor Tile Flooring Backing
Base Flashing Heating and Electrical Ducts
Blown-in Insulation HVAC Duct Insulation
Boiler Insulation Joint Compounds
Breaching Insulation Packing Materials (for wall/floor penetrations)
Caulking/Putties Pipe Insulation
Ceiling Tiles and Lay-in Panels Spackling Compounds
Cement Pipes Spray-Applied Insulation
Cement Siding Taping Compounds (thermal)
Cement Wallboard Textured Paints/Coatings
Chalkboards Thermal Paper Products
Construction Mastics (floor tile, carpet, ceiling tile, etc.) Vapor Barriers in wall cavities
Decorative Plaster Vinyl Floor Tile and Mastic
Door Caulking Vinyl Sheet Flooring
Ductwork Flexible Fabric Connections Vinyl Wall Coverings
Electric Wiring Insulation Wallboard
Electrical Cloth Window Glazing and caulking (Interior and/or Exterior)

*- This list is not intended to be comprehensive and any suspect material identified not on this list shall be either assumed as ACM or sampled accordingly.

Asbestos Content Determination

An asbestos content determination was performed, as necessary, by utilizing Polarized Light Microscopy (PLM), and Transmission Electron Microscopy (TEM). Analytical procedures were in accordance with EPA, State and local regulations and recommendations, and applicable requirements of the instruments specifications. Asbestos analysis used, as applicable, the following methods:

- i. Bulk Material by PLM- EPA 600/R-93/116
- ii. Bulk Material by PLM- EPA NOB
- iii. TEM- EPA NOB- 600/R-93/116b

“Positive Stop” - The laboratory stopped analyzing homogeneous area bulk samples for asbestos content once ACM is identified greater than or equal to 10% by PLM or greater than or equal to 1% by Point Count Method.

Conclusions

The building that was inspected is Providence Seashore House, a child care facility in Atlantic City, New Jersey. The first floor of the building has 22 rooms while the second floor has 10 rooms. Only the first floor was occupied with the second floor being used mainly for storage. There was also a basement, but that did not contain any suspect ACM. Samples were collected throughout the first and second floors and the roof.

None of the samples tested positive for asbestos. Some suspect ACM was not sampled. All tiles including floor and wall tiles were in good condition and were not sampled to avoid damaging the tile. The roof underlayment and the vapor barrier under the siding were not accessible and were not sampled. Samples were collected of the carpet mastic, but not enough material could be obtained for the laboratory to analyze those samples. The tiles, roof underlayment, vapor barrier and carpet mastic are all presumed to contain asbestos.

Table 1 presents the inclusive list of readily accessible Presumed Asbestos Containing Building Materials (PACM). This Table is a property overview of potential, possible or “presumed” asbestos containing building materials found at the Property.

Table 2 presents the inclusive list of PACM that was sampled to determine its actual asbestos content. In some cases the material originally listed as PACM was determined by laboratory analysis to be non-asbestos containing and is not regulated as an Asbestos-containing Building Material (ACBM). In this situation the Construction Contractor will not have any special asbestos controls or handling requirements. In other situations the laboratory analysis confirms the materials to be asbestos containing and it is confirmed as an Asbestos-containing Building Material (ACBM).

Table 3 presents the inclusive list of PACM and ACBM detected at the Property. This list of materials will be managed during the reconstruction and/or renovation phase as an ACBM. These materials, if disturbed during the reconstruction and/or renovation phase will require special handling and waste disposal. The Construction Contractor will engage the services of a New Jersey licensed firm that specializes in ACBM removal prior to the renovation occurring.

Table 4 presents the inclusive list of Sample locations of all samples collected and at the Property.

**Table 1: Suspected Asbestos-Containing Building Materials
(Determined by Visual Assessment Sorted by Homogenous Area and Material Description)**

Job Site Name: PROVIDENCE SEASHORE HOUSE, LLC.			Applicant ID: SBL39524		
Homogenous Area*	Component	Substrate	Color	Sampled	Number of Samples
dropped ceiling 1	ceiling	acoustic ceiling tile	white	yes	2
dropped ceiling 2	ceiling	acoustic ceiling tile	white	yes	2
dropped ceiling 3	ceiling	acoustic ceiling tile	white	yes	2
carpet/mastic	floor	carpet/mastic	beige	yes	3
drywall/joint compound	wall	drywall/joint compound	white	yes	7
baseboard/mastic	wall	baseboard/mastic	blue	yes	7
floor covering	floor	floor covering	beige	yes	7
A/C caulking	A/C unit	caulking	white	yes	2
sink caulking	sink	caulking	white	yes	7
wall tile caulking	wall	tile caulking	white	yes	1
roof tile	roof	roof tile	black	yes	5
roof underlayment	roof	underlayment	black	no	0
siding vapor barrier	wall	vapor barrier	black	no	0
floor tile 1	floor	tile	beige	no	0
floor tile 2	floor	tile	brown	no	0
floor tile 3	floor	tile	tan	no	0

floor tile 4	floor	tile	tan	no	0
floor tile 5	floor	tile	tan	no	0
wall tile	wall	tile	blue	no	0

* Homogeneous Area (HA) - means an area of surfacing material, thermal system insulation material, or miscellaneous material that is uniform in color and texture. For the purpose of this Project, the term Homogeneous Area has been expended to Flooring and Wall to better refine the locations of Presumed and/or Asbestos-containing Materials.

**Table 2: Asbestos-Containing Building Materials
(Confirmed by Sample Analysis – Sorted by Homogenous Area and Material Description)**

Job Site Name: PROVIDENCE SEASHORE HOUSE, LLC.						Applicant ID: SBL39524	
SAMPLE ID #	LOCATION	Homogenous Area*	Component	Substrate	Color	Asbestos	Method**
All samples tested were negative for asbestos							

* Homogeneous Area (HA) - means an area of surfacing material, thermal system insulation material, or miscellaneous material that is uniform in color and texture. For the purpose of this Project, the term Homogeneous Area has been expended to Flooring and Wall to better refine the locations of Presumed and/or Asbestos-containing Materials.

** PLM = Polarized Light Microscopy; APC = EPA Point Count; TEM = Transmission Electron Microscope

Table 3: Presumed Asbestos-Containing Building Materials ** and/or Asbestos-Containing Building Materials (Sorted by Functional Space (Area), Homogenous Area and Material Description)

Job Site Name: PROVIDENCE SEASHORE HOUSE				Applicant ID: SBL39524			
Functional Space or Area	Homogenous Area*	Component	Substrate	Color	Amount	UOM	Sampled
exterior	roof underlayment	roof	underlayment	black	9,000	square feet	no
exterior	vapor barrier	wall	vapor barrier	black	7,000	square feet	no
laundry room	floor tile 1	floor	tile	beige	43	square feet	no
bathroom 1	floor tile 2	floor	tile	brown	39	square feet	no
bathroom 2 & 3	floor tile 3	floor	tile	tan	109	square feet	no
kitchen/foyer	floor tile 4	floor	tile	tan	318	square feet	no
bathroom 4	floor tile 5	floor	tile	tan	48	square feet	no
staff lounge	wall tile	wall	tile	blue	22	square feet	no
throughout 1 st and 2 nd floors	carpet mastic	floor	carpet mastic	yellow	3584	square feet	yes***

* Homogeneous Area (HA) - means an area of surfacing material, thermal system insulation material, or miscellaneous material that is uniform in color and texture. For the purpose of this Project, the term Homogeneous Area has been expended to Flooring and Wall to better refine the locations of Presumed and/or Asbestos-containing Materials.

** These locations were not confirmed by sample analysis.

***could not obtain enough mastic for analysis so it is presumed to contain asbestos

Table 4: Sampled Locations

Job Site Name: PROVIDENCE SEASHORE HOUSE					Applicant ID: SBL39524		
SAMPLE ID #	LOCATION	Homogenous Area*	Component	Substrate	Color	Asbestos	Method**
1-1	waiting area	dropped ceiling 1	ceiling	acoustic ceiling tile	white	none detected	PLM
1-2	waiting area	carpet/mastic	floor	carpet/mastic	blue	none detected	PLM
1-3	janitor's closet	baseboard/mastic	wall	baseboard/mastic	blue	none detected	PLM/TEM
1-4	janitor's closet	dropped ceiling 2	ceiling	acoustic ceiling tile	white	none detected	PLM
1-5	janitor's closet	floor covering	floor	floor covering	beige	none detected	PLM/TEM
1-6	mechanical room 1	drywall	wall	drywall	white	none detected	PLM
1-7	cubby room	carpet/mastic	floor	carpet/mastic	blue	none detected	PLM
1-8	laundry room	dropped ceiling 3	ceiling	acoustic ceiling tile	white	none detected	PLM
1-9	restroom 2	drywall	wall	drywall	white	none detected	PLM
1-10	restroom 3	dropped ceiling 2	ceiling	acoustic ceiling tile	white	none detected	PLM
1-11	room 3	baseboard/mastic	wall	baseboard/mastic	blue	none detected	PLM/TEM
1-12	kitchen	drywall/joint compound	wall	drywall/joint compound	white	none detected	PLM
1-13	kitchen	dropped ceiling 1	ceiling	acoustic ceiling tile	white	none detected	PLM
1-14	kitchen	A/C caulking	A/C unit	caulking	white	none detected	PLM/TEM
1-15	mechanical room 2	drywall	wall	drywall	white	none detected	PLM
1-16	room 4	sink caulking	sink	caulking	white	none detected	PLM/TEM
1-17	Nurse's office	sink caulking	sink	caulking	white	none detected	PLM/TEM

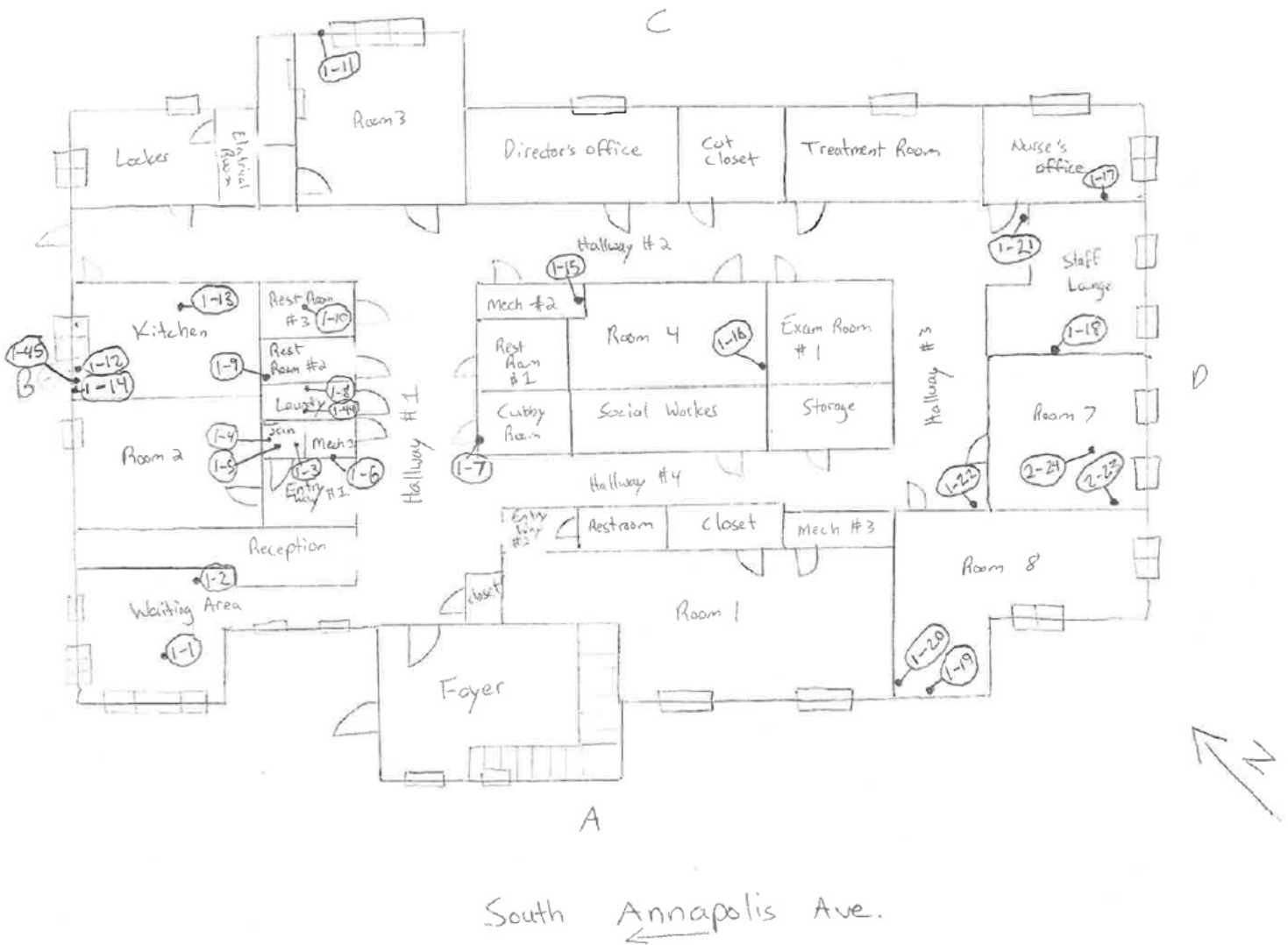
1-18	staff lounge	wall tile caulking	wall	tile caulking	white	none detected	PLM/TEM
1-19	room 8	floor covering	floor	floor covering	beige	none detected	PLM/TEM
1-20	room 8	sink caulking	sink	caulking	white	none detected	PLM/TEM
1-21	hallway 2	baseboard/mastic	wall	baseboard/mastic	blue	none detected	PLM/TEM
1-22	hallway 3	carpet/mastic	floor	carpet/mastic	blue	none detected	PLM
1-23	room 7	sink caulking	sink	caulking	white	none detected	PLM/TEM
1-24	room 7	floor covering	floor	floor covering	beige	none detected	PLM/TEM
1-25	vending room	drywall/joint compound	wall	drywall/joint compound	white	none detected	PLM
1-26	activity room	baseboard/mastic	wall	baseboard/mastic	blue	none detected	PLM/TEM
1-27	office 3	baseboard/mastic	wall	baseboard/mastic	blue	none detected	PLM/TEM
1-28	restroom 4	sink caulking	sink	caulking	white	none detected	PLM
1-29	restroom 5	sink caulking	sink	caulking	white	none detected	PLM/TEM
1-30	restroom 5	sink caulking	sink	caulking	white	none detected	PLM/TEM
1-31	office 4	drywall/joint compound	wall	drywall/joint compound	white	none detected	PLM
1-32	office 3	drywall	wall	drywall	white	none detected	PLM
1-33	hallway 5	baseboard/mastic	wall	baseboard/mastic	blue	none detected	PLM/TEM
1-34	hallway 5	baseboard/mastic	wall	baseboard/mastic	blue	none detected	PLM/TEM
1-35	restroom 5	floor covering	floor	floor covering	beige	none detected	PLM/TEM
1-36	restroom 5	floor covering	floor	floor covering	beige	none detected	PLM/TEM

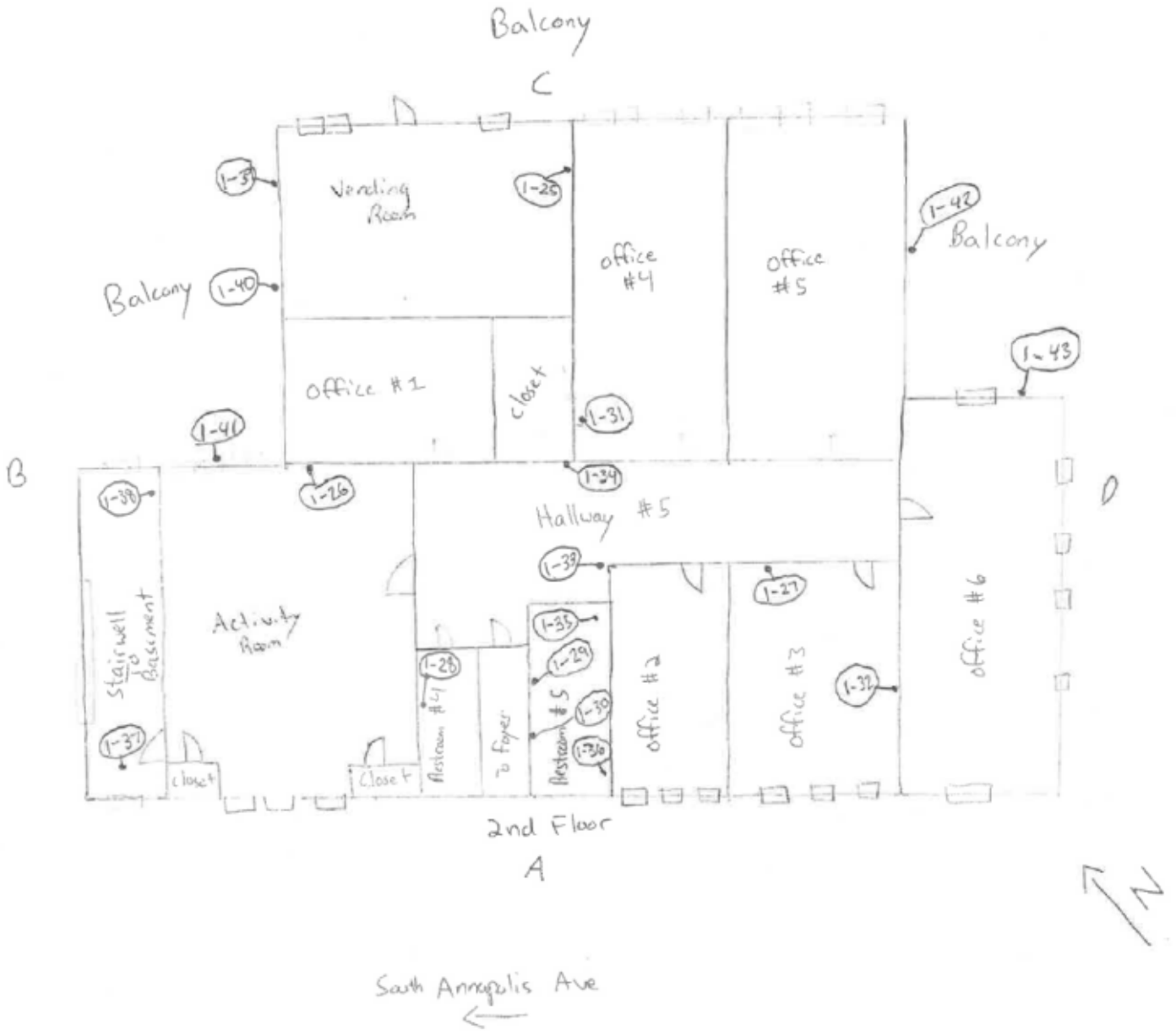
1-37	stairwell	floor covering	floor	floor covering	beige	none detected	PLM/TEM
1-38	stairwell	floor covering	floor	floor covering	beige	none detected	PLM/TEM
1-39	exterior roof	roof tile	roof	roof tile	black	none detected	PLM/TEM
1-40	exterior roof	roof tile	roof	roof tile	black	none detected	PLM/TEM
1-41	exterior roof	roof tile	roof	roof tile	black	none detected	PLM/TEM
1-42	exterior roof	roof tile	roof	roof tile	black	none detected	PLM/TEM
1-43	exterior roof	roof tile	roof	roof tile	black	none detected	PLM/TEM
1-44	laundry room	dropped ceiling 3	ceiling	acoustic ceiling tile	white	none detected	PLM
1-45	kitchen	A/C caulking	A/C unit	caulking	white	none detected	PLM/TEM

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** PLM = Polarized Light Microscopy; APC = EPA Point Count; TEM = Transmission Electron Microscope

Floor Plan First Floor





Field Log Notes / Special Conditions

Area	Notes

Assumptions and Limitations

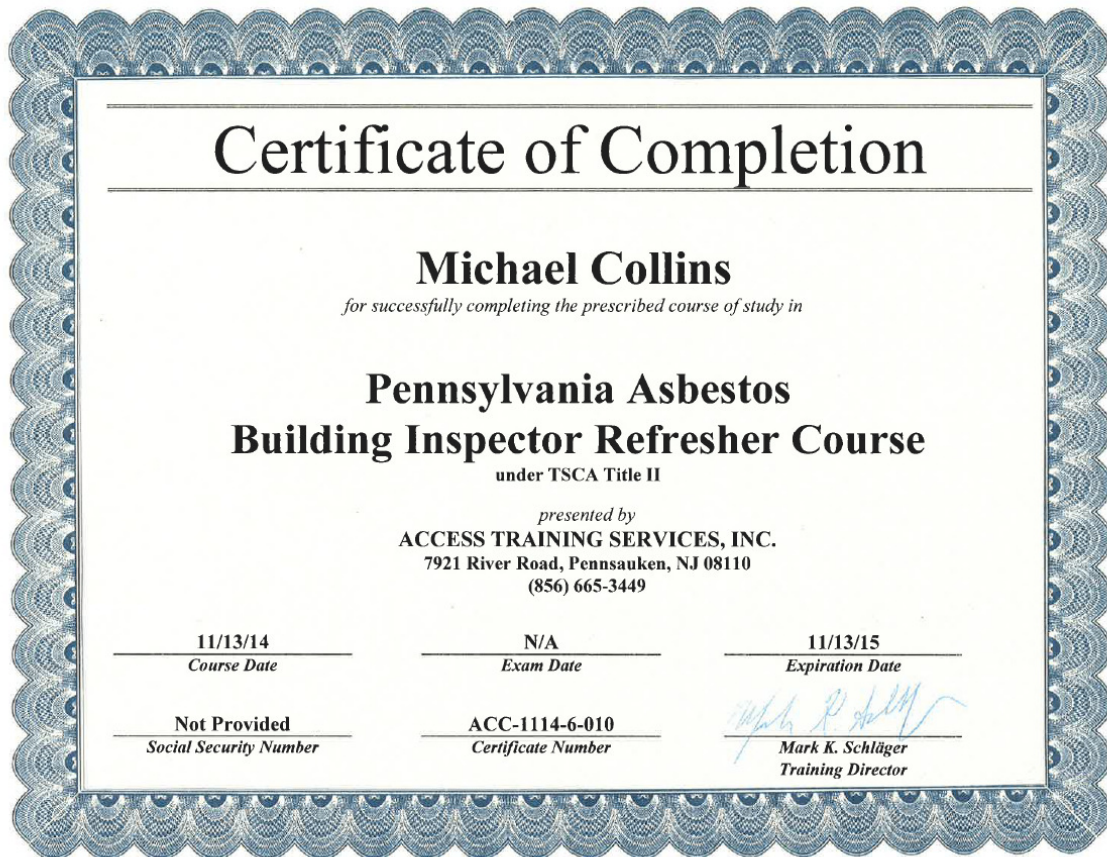
The scope of work conducted included a limited survey for asbestos-containing materials the property in selected areas.

It is known that Asbestos Containing Materials (ACMs) are frequently concealed within the fabric of buildings and within sealed voids. It remains a possibility that ACMs may be found in such areas of buildings during refurbishment or demolition activities. Our conclusions and recommendations are based on the conditions that existed within the areas surveyed at the time the investigation was conducted. Every reasonable effort was made by the inspection team to access the suspect materials observed without jeopardizing the health and safety of the team.

Certifications

ASBESTOS INSPECTOR SUMMARY

Assessor Name (Last, First)	Training State	Certification Number	Certification Expiration Date
Collins, Michael	NJ	ACC-1114-6-010	11/13/15



Laboratory Documentation



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

041435959

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

Company: URS CORP		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 1255 BROAD ST		Third Party Billing requires written authorization from third party	
City: CLIFTON	State/Province: NJ	Zip/Postal Code: 07013	Country: US
Report To (Name): BHARTI WJANI		Telephone #: 973 883 8691	
Email Address: BHARTI.MJ@URS.COM		Fax #:	Purchase Order: 1580775
Project Name/Number: 1580775.0100		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
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.

PLM - Bulk (reporting limit)

TEM - Bulk

PLM EPA 600/R-93/116 (<1%)
 PLM EPA NOB (<1%)
 Point Count 400 (<0.25%) 1000 (<0.1%)
 Point Count w/Gravimetric 400 (<0.25%) 1000 (<0.1%)
 NIOSH 9002 (<1%)
 NY ELAP Method 198.1 (friable in NY)
 NY ELAP Method 198.6 NOB (non-friable-NY)
 OSHA ID-191 Modified
 Standard Addition Method

TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1
 NY ELAP Method 198.4 (TEM)
 Chatfield Protocol (semi-quantitative)
 TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2
 TEM Qualitative via Filtration Prep Technique
 TEM Qualitative via Drop Mount Prep Technique

Other

Check For Positive Stop - Clearly Identify Homogenous Group Date Sampled: **4 December 2014 / 8 Dec 14**

Samplers Name: **Michael Collins**

Samplers Signature:

Sample #	HA #	Sample Location	Material Description
1-1	1	waiting area	ceiling tile
1-2	2	waiting area	carpet
1-3	3	janitors closet	toeboard
1-4	4	janitors closet	ceiling tile
1-5	5	janitors closet	Floor covering
1-6	6	mechanical room #1	drywall
1-7	2	cubby room	carpet
1-8	7	laundry room	ceiling tile
1-9	6	bathroom #2	drywall
1-10	4	bathroom #3	ceiling tile

RECEIVED
 EMSL
 CINNAMINSON, N.J.
 2:45

Client Sample # (s): **1-1 - 1-45** Total # of Samples: **45**

Relinquished (Client): **[Signature]** Date: **12/8/14** Time: **2:45pm**

Received (Lab): **[Signature]** Date: **12/8/14** Time: **2:45p**

Comments/Special Instructions:
1-1 - 1-24 taken on 12/4 and 1-25 - 1-45 taken on 12/8



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRADING

**Asbestos Bulk Building Material
Chain of Custody**

EMSL Order Number (Lab Use Only):

041435959

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	HA #	Sample Location	Material Description
1-11	3	room # 3	toe board
1-12	6	kitchen	drywall
1-13	1	kitchen	ceiling tile
1-14	8	mechanical kitchen	A/c caulking
1-15	6	mechanical room # 2	drywall
1-16	9	room # 4	sink caulking
1-17	9	nurses office	sink caulking
1-18	10	staff lounge	tile caulking
1-19	5	room # 8	floor covering
1-20	9	room # 8	sink caulking
1-21	3	hallway # 2	toe board
1-22	2	hallway # 3	carpet
1-23	9	room # 7	sink caulking
1-24	5	room # 7	floor covering
1-25	6	vending room	drywall
1-26	3	activity room	toe board
1-27	3	office # 3	toe board
1-28	9	bathroom # 4	sink caulking
1-29	9	bathroom # 5	sink caulking
1-30	9	bathroom # 5	sink caulking
1-31	6	office # 4	drywall
1-32	6	office # 3	drywall
1-33	3	hallway # 5	toe board
1-34	3	hallway # 5	toe board

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 EMSL
 CINNAMINSON, N.J.
 2014 DEC - 8 P 2:45

*Comments/Special Instructions:



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

**Asbestos Bulk Building Material
Chain of Custody**

EMSL Order Number (Lab Use Only):

041435959

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	HA #	Sample Location	Material Description
1-35	5	bathroom # 5	floor covering
1-36	5	bathroom # 5	floor covering
1-37	5	stairwell	floor covering
1-38	5	stairwell	floor covering
1-39	11	roof	roof tile
1-40	11	roof	roof tile
1-41	11	roof	roof tile
1-42	11	roof	roof tile
1-43	11	roof	roof tile
1-44	7	laundry room	ceiling tile
1-45	8	kitchen	A/C caulking
*Comments/Special Instructions:			

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EMSL
CINNAMINSON, N.J.
2014 DEC -8 P 2:45



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

EMSL Order ID: 041435959
Customer ID: DAME50
Customer PO: 15807775
Project ID:

Attn: Bharti Ujjani
URS Corporation
1255 Broad Street
Clifton, NJ 07013
Phone: (973) 785-0700
Fax: (973) 785-0023
Collected: 12/ 4/2014
Received: 12/08/2014
Analyzed: 12/09/2014
Proj: 15807775.0100

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: 1-1 **Lab Sample ID:** 041435959-0001

Sample Description: Waiting area/Ceiling tile

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/09/2014	Gray	80%	20%	None Detected	

Client Sample ID: 1-2-Carpet **Lab Sample ID:** 041435959-0002

Sample Description: Waiting area/Carpet

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/09/2014	White/Black/Blue	90%	10%	None Detected	

Client Sample ID: 1-2-Mastic **Lab Sample ID:** 041435959-0002A

Sample Description: Waiting area/Carpet

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/09/2014	Yellow	0%	100%	None Detected	Mastic is insufficient material for NOB prep

Client Sample ID: 1-3-Cove Base **Lab Sample ID:** 041435959-0003

Sample Description: Janitor's closet/Toeboard

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	Blue	0.0%	100%	None Detected	
TEM Grav. Reduction	12/09/2014	Blue	0.0%	100%	None Detected	

Client Sample ID: 1-3-Mastic **Lab Sample ID:** 041435959-0003A

Sample Description: Janitor's closet/Toeboard

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	Yellow	0.0%	100%	None Detected	
TEM Grav. Reduction	12/09/2014	Yellow	0.0%	100%	None Detected	

Client Sample ID: 1-4 **Lab Sample ID:** 041435959-0004

Sample Description: Janitor's closet/Ceiling tile

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/09/2014	Gray/White	80%	20%	None Detected	

Client Sample ID: 1-5 **Lab Sample ID:** 041435959-0005

Sample Description: Janitor's closet/Floor covering

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	Beige	1.7%	98.3%	None Detected	
TEM Grav. Reduction	12/09/2014	Beige	0.0%	100%	None Detected	



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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: 1-6 **Lab Sample ID:** 041435959-0006
Sample Description: Mechanical room #1/Drywall

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/09/2014	Brown/White	23%	77%	None Detected	

Client Sample ID: 1-7-Carpet **Lab Sample ID:** 041435959-0007
Sample Description: Cubby room/Carpet

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/09/2014	Various/Blue	90%	10%	None Detected	

Client Sample ID: 1-7-Mastic **Lab Sample ID:** 041435959-0007A
Sample Description: Cubby room/Carpet

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/09/2014	Yellow	0%	100%	None Detected	Mastic is insufficient material for NOB prep

Client Sample ID: 1-8 **Lab Sample ID:** 041435959-0008
Sample Description: Laundry room/Ceiling tile

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/09/2014	Gray	80%	20%	None Detected	

Client Sample ID: 1-9 **Lab Sample ID:** 041435959-0009
Sample Description: Bathroom #2/Drywall

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/09/2014	Brown/White	18%	82%	None Detected	

Client Sample ID: 1-10 **Lab Sample ID:** 041435959-0010
Sample Description: Bathroom #3/Ceiling tile

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/09/2014	Gray/White	80%	20%	None Detected	

Client Sample ID: 1-11-Cove Base **Lab Sample ID:** 041435959-0011
Sample Description: Room #3/Toeboard

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	White	0.0%	100%	None Detected	
TEM Grav. Reduction	12/09/2014	White	0.0%	100%	None Detected	

Client Sample ID: 1-11-Mastic **Lab Sample ID:** 041435959-0011A
Sample Description: Room #3/Toeboard

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	Yellow	0.0%	100%	None Detected	
TEM Grav. Reduction	12/09/2014	Yellow	0.0%	100%	None Detected	



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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: 1-12-Drywall **Lab Sample ID:** 041435959-0012
Sample Description: Kitchen/Drywall

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/09/2014	Brown/White	17%	83%	None Detected	

Client Sample ID: 1-12-Joint Compound **Lab Sample ID:** 041435959-0012A
Sample Description: Kitchen/Drywall

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/09/2014	White	0%	100%	None Detected	

Client Sample ID: 1-13 **Lab Sample ID:** 041435959-0013
Sample Description: Kitchen/Ceiling tile

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/09/2014	Gray/White	80%	20%	None Detected	

Client Sample ID: 1-14 **Lab Sample ID:** 041435959-0014
Sample Description: Kitchen/A/C caulking

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	White	0.0%	100%	None Detected	
TEM Grav. Reduction	12/09/2014	White	0.0%	100%	None Detected	

Client Sample ID: 1-15 **Lab Sample ID:** 041435959-0015
Sample Description: Mechanical room #2/Drywall

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/09/2014	Brown/White	22%	78%	None Detected	

Client Sample ID: 1-16 **Lab Sample ID:** 041435959-0016
Sample Description: Room #4/Sink caulking

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	White/Yellow	0.0%	100%	None Detected	
TEM Grav. Reduction	12/09/2014	White/Yellow	0.0%	100%	None Detected	

Client Sample ID: 1-17 **Lab Sample ID:** 041435959-0017
Sample Description: Nurses office/Sink caulking

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	White	0.0%	100%	None Detected	
TEM Grav. Reduction	12/09/2014	White	0.0%	100%	None Detected	



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Client Sample ID: 1-18 **Lab Sample ID:** 041435959-0018
Sample Description: Staff lounge/Tile caulking

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	White	0.0%	100%	None Detected	
TEM Grav. Reduction	12/09/2014	White	0.0%	100%	None Detected	

Client Sample ID: 1-19 **Lab Sample ID:** 041435959-0019
Sample Description: Room #8/Floor covering

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	Beige	1.1%	98.9%	None Detected	
TEM Grav. Reduction	12/09/2014	Red/Beige	0.0%	100%	None Detected	

Client Sample ID: 1-20 **Lab Sample ID:** 041435959-0020
Sample Description: Room #8/Sink caulking

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	White	0.31%	99.7%	None Detected	
TEM Grav. Reduction	12/09/2014	White	0.0%	100%	None Detected	

Client Sample ID: 1-21-Cove Base **Lab Sample ID:** 041435959-0021
Sample Description: Hallway #2/Toeboard

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	White	0.0%	100%	None Detected	
TEM Grav. Reduction	12/09/2014	White	0.0%	100%	None Detected	

Client Sample ID: 1-21-Mastic **Lab Sample ID:** 041435959-0021A
Sample Description: Hallway #2/Toeboard

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	Yellow	0.0%	100%	None Detected	
TEM Grav. Reduction	12/09/2014	Yellow	0.0%	100%	None Detected	

Client Sample ID: 1-22-Carpet **Lab Sample ID:** 041435959-0022
Sample Description: Hallway #3/Carpet

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/09/2014	Various/Blue	90%	10%	None Detected	

Client Sample ID: 1-22-Mastic **Lab Sample ID:** 041435959-0022A
Sample Description: Hallway #3/Carpet

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/09/2014	Yellow	0%	100%	None Detected	Mastic is insufficient material for NOB prep



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Client Sample ID: 1-23 **Lab Sample ID:** 041435959-0023
Sample Description: Room #7/Sink caulking

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	White	0.48%	99.5%	None Detected	
TEM Grav. Reduction	12/09/2014	White	0.0%	100%	None Detected	

Client Sample ID: 1-24 **Lab Sample ID:** 041435959-0024
Sample Description: Room #7/Floor covering

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	Beige	0.62%	99.4%	None Detected	
TEM Grav. Reduction	12/09/2014	Beige	0.0%	100%	None Detected	

Client Sample ID: 1-25-Drywall **Lab Sample ID:** 041435959-0025
Sample Description: Vending room/Drywall

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/09/2014	Brown/White	18%	82%	None Detected	

Client Sample ID: 1-25-Joint Compound **Lab Sample ID:** 041435959-0025A
Sample Description: Vending room/Drywall

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/09/2014	White	0%	100%	None Detected	

Client Sample ID: 1-26-Cove Base **Lab Sample ID:** 041435959-0026
Sample Description: Activity room/Toeboard

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	Blue	0.0%	100%	None Detected	
TEM Grav. Reduction	12/09/2014	Blue	0.0%	100%	None Detected	

Client Sample ID: 1-26-Mastic **Lab Sample ID:** 041435959-0026A
Sample Description: Activity room/Toeboard

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	Yellow	0.0%	100%	None Detected	
TEM Grav. Reduction	12/09/2014	Yellow	0.0%	100%	None Detected	

Client Sample ID: 1-27-Cove Base **Lab Sample ID:** 041435959-0027
Sample Description: Office #3/Toeboard

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	Blue	0.0%	100%	None Detected	
TEM Grav. Reduction	12/09/2014	Blue	0.0%	100%	None Detected	



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Client Sample ID: 1-27-Mastic **Lab Sample ID:** 041435959-0027A

Sample Description: Office #3/Toeboard

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	Yellow	0.0%	100%	None Detected	
TEM Grav. Reduction	12/09/2014	Yellow	0.0%	100%	None Detected	

Client Sample ID: 1-28 **Lab Sample ID:** 041435959-0028

Sample Description: Bathroom #4/Sink caulking

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014				Insufficient Material	

Client Sample ID: 1-29 **Lab Sample ID:** 041435959-0029

Sample Description: Bathroom #5/Sink caulking

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	White	0.0%	100%	None Detected	
TEM Grav. Reduction	12/09/2014	White	0.0%	100%	None Detected	

Client Sample ID: 1-30 **Lab Sample ID:** 041435959-0030

Sample Description: Bathroom #5/Sink caulking

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	White	0.0%	100%	None Detected	
TEM Grav. Reduction	12/09/2014	White	0.0%	100%	None Detected	

Client Sample ID: 1-31-Drywall **Lab Sample ID:** 041435959-0031

Sample Description: Office #4/Drywall

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/09/2014	Brown/White	22%	78%	None Detected	

Client Sample ID: 1-31-Joint Compound **Lab Sample ID:** 041435959-0031A

Sample Description: Office #4/Drywall

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/09/2014	White	0%	100%	None Detected	

Client Sample ID: 1-32 **Lab Sample ID:** 041435959-0032

Sample Description: Office #3/Drywall

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/09/2014	White	0%	100%	None Detected	Sample bag contained joint compound only.



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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: 1-33-Cove Base **Lab Sample ID:** 041435959-0033
Sample Description: Hallway #5/Toeboard

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	Blue	0.0%	100%	None Detected	
TEM Grav. Reduction	12/09/2014	Blue	0.0%	100%	None Detected	

Client Sample ID: 1-33-Mastic **Lab Sample ID:** 041435959-0033A
Sample Description: Hallway #5/Toeboard

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	Yellow	0.0%	100%	None Detected	
TEM Grav. Reduction	12/09/2014	Yellow	0.0%	100%	None Detected	

Client Sample ID: 1-34-Cove Base **Lab Sample ID:** 041435959-0034
Sample Description: Hallway #5/Toeboard

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	Blue	0.0%	100%	None Detected	
TEM Grav. Reduction	12/09/2014	Blue	0.0%	100%	None Detected	

Client Sample ID: 1-34-Mastic **Lab Sample ID:** 041435959-0034A
Sample Description: Hallway #5/Toeboard

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	Clear	0.0%	100%	None Detected	
TEM Grav. Reduction	12/09/2014	Clear	0.0%	100%	None Detected	

Client Sample ID: 1-35 **Lab Sample ID:** 041435959-0035
Sample Description: Bathroom #5/Floor covering

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	Beige	1.2%	98.8%	None Detected	
TEM Grav. Reduction	12/09/2014	Beige	0.0%	100%	None Detected	

Client Sample ID: 1-36-Linoleum **Lab Sample ID:** 041435959-0036
Sample Description: Bathroom #5/Floor covering

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	Beige	0.84%	99.2%	None Detected	
TEM Grav. Reduction	12/09/2014	Beige	0.0%	100%	None Detected	

Client Sample ID: 1-36-Mastic **Lab Sample ID:** 041435959-0036A
Sample Description: Bathroom #5/Floor covering

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	Yellow	3.5%	96.5%	None Detected	
TEM Grav. Reduction	12/09/2014	Yellow	0.0%	100%	None Detected	



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Client Sample ID: 1-37 **Lab Sample ID:** 041435959-0037
Sample Description: Stairwell/Floor covering

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	Beige	<0.25%	100%	None Detected	
TEM Grav. Reduction	12/09/2014	Beige	0.0%	100%	None Detected	

Client Sample ID: 1-38 **Lab Sample ID:** 041435959-0038
Sample Description: Stairwell/Floor covering

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	Beige	0.57%	99.4%	None Detected	
TEM Grav. Reduction	12/09/2014	Beige	0.0%	100%	None Detected	

Client Sample ID: 1-39 **Lab Sample ID:** 041435959-0039
Sample Description: Roof/Roof tile

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	Brown/Red/Black	6.4%	93.6%	None Detected	
TEM Grav. Reduction	12/09/2014	Brown/Red/Black	0.0%	100%	None Detected	

Client Sample ID: 1-40 **Lab Sample ID:** 041435959-0040
Sample Description: Roof/Roof tile

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	Brown/Gray/Black	7.0%	93.0%	None Detected	
TEM Grav. Reduction	12/09/2014	Brown/Gray/Black	0.0%	100%	None Detected	

Client Sample ID: 1-41 **Lab Sample ID:** 041435959-0041
Sample Description: Roof/Roof tile

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	Brown/Red/Black	6.7%	93.3%	None Detected	
TEM Grav. Reduction	12/09/2014	Brown/Red/Black	0.0%	100%	None Detected	

Client Sample ID: 1-42 **Lab Sample ID:** 041435959-0042
Sample Description: Roof/Roof tile

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	Brown/Red/Black	12.1%	87.9%	None Detected	
TEM Grav. Reduction	12/09/2014	Brown/Red/Black	0.0%	100%	None Detected	

Client Sample ID: 1-43 **Lab Sample ID:** 041435959-0043
Sample Description: Roof/Roof tile

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	Brown/Red/Black	8.3%	91.7%	None Detected	
TEM Grav. Reduction	12/09/2014	Brown/Red/Black	0.0%	100%	None Detected	



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Client Sample ID: 1-44

Lab Sample ID: 041435959-0044

Sample Description: Laundry room/Ceiling tile

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	12/09/2014	Gray/White	80%	20%	None Detected	

Client Sample ID: 1-45

Lab Sample ID: 041435959-0045

Sample Description: Kitchen/A/C caulking

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	12/09/2014	White	<0.25%	100%	None Detected	
TEM Grav. Reduction	12/09/2014	White	0.0%	100%	None Detected	

Analyst(s):

- Andrew Castellano PLM (22)
- Debbie Little TEM Grav. Reduction (13)
- Tin Nguyen PLM Grav. Reduction (25)
- Wayne Froehlich TEM Grav. Reduction (23)
- Will DiBella PLM Grav. Reduction (11)

Reviewed and approved by:

Stephen Siegel, CIH, Laboratory Manager
or Other Approved Signatory

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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: 12/09/2014 11:33:24