

ASBESTOS INSPECTION REPORT

The Richard Stockton College of New Jersey 101 Vera King Ferris Drive Galloway, NJ 08205 Cardno ATC Project Number 068.45719.0001

Prepared for:

Mr. Robert Chitren

The Richard Stockton College of New Jersey

101 Vera King Ferris Drive

Galloway, NJ 08205

May 20, 2014



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May 20, 2014

Mr. Robert Chitren
The Richard Stockton College of New Jersey
101 Vera King Ferris Drive
Galloway, NJ 08205

Re: Asbestos Inspection Report

The Richard Stockton College of New Jersey 101 Vera King Ferris Drive Galloway, NJ 08205 Cardno ATC Project Number 068.45719.0001

Dear Mr. Chitren:

Cardno ATC is pleased to submit the enclosed Asbestos Inspection Report for the above-referenced site located in the Township of Galloway, New Jersey. The inspection was conducted between March 31, 2014 and April 24, 2014, in accordance with The Richard Stockton College of New Jersey Purchase Order No. P0058918, dated March 14, 2014.

The purpose of this inspection is to identify, locate and quantify all asbestos containing materials on the site for informational purposes. As previously designated by The Richard Stockton College of New Jersey (Stockton College), the scope includes the following Locations:

•	Plant	•	C Wing	•
	Management	• 1	D Wing	•
	Building	• i	E Wing	•
•	Police Station	• (G Wing	•
•	Water Plant	• i	H Wing	
•	A Wing	• I	Wing	
•	B Wing	• ,	J Wina	

Cardno ATC appreciates the opportunity to be of service to Stockton College on this project and looks forward to working with you on future assignments. In the meantime, if you have questions or comments regarding the information in this report or if we can be of further assistance, please do not hesitate to contact the undersigned in the Cardno ATC Burlington, New Jersey office.

Sincerely, Cardno ATC

James H. Heron Project Manager for Cardno ATC

Direct Line +1 609 479 8514 Email: jim.heron@cardno.com John Lutz

Senior Project Manager

for Cardno ATC

Direct Line + 609 479 8512 Email: john.lutz@cardno.com



1.0 EXECUTIVE SUMMARY

Between March 31, 2014 and April 24, 2014, Cardno ATC conducted an asbestos inspection of buildings previously designated by Stockton College that were located at 101 Vera King Ferris Drive in the Township of Galloway, New Jersey. The "F" Wing had been previously surveyed with bulk samples being obtained for the purpose of identifying Asbestos Containing Building Materials (ACBMs). This survey was supplied to Cardno ATC prior to this inspection being conducted, and is included in Appendix D with this report for reference.

Cardno ATC was escorted through the facility at all times by Michael Ferraro and/or Dennis Lepore. Materials identified by Cardno ATC during this survey that required sampling for identification of asbestos content are included as part of this report. These samples are referenced with each specific area sampled at Stockton College. The area descriptions utilized for this survey are based on building identifications previously designated by Stockton College. Sample locations were limited due to the ongoing occupancy by students and staff/faculty.

The bulk samples obtained by Cardno ATC were collected and analyzed utilizing Polarized Light Microscopy (PLM). Materials found to contain asbestos greater than one percent (>1%) in content are considered asbestos containing materials (ACM). It has been determined that Polarized Light Microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings, mastics and other similar non-friable organically bound materials. Quantitative Transmission Electron Microscopy (TEM) is currently the only method that can be used to determine if these materials can be considered or treated as non-asbestos containing. For that reason, samples of floor coverings and associated mastics were submitted to EMSL Laboratories in Cinnaminson, New Jersey for analysis via Quantitative Transmission Electron Microscopy in accordance with N.J.A.C. 8:60 and 12:120 via EPA 600/R-93/116 (TEM-NOB). This method utilizes the gravimetric matrix reduction method.

A summary of these materials, the quantities of the identified materials and the corresponding results are presented in this report based on the location(s) of these samples.

All damaged asbestos containing materials referenced in this report should be repaired as soon as possible. Prohibit mechanical drilling, sanding, abrading, grinding, or sawing the transite, roofing, floor tile and associated mastics until renovation activities necessitate its removal. Cardno ATC recommends the prompt repair or remediation of any damaged asbestos containing mechanical pipe insulation materials.



2.0 BACKGROUND

Beginning March 31, 2014, Cardno ATC conducted an asbestos inspection of areas previously identified by Stockton College located at 101 Vera King Ferris Drive in the Township of Galloway, New Jersey, hereinafter referred to as the site. The purpose of the inspection was to identify, locate, sample, and assess the condition of accessible building materials that were suspected of containing asbestos. The inspection was performed by Cardno ATC representative Mr. James Heron (State of New Jersey Asbestos Inspector, Certification Number ACC-0214-6-004) in accordance with Cardno ATC Proposal Number 068-2014-0004, dated January 7, 2014.

3.0 SAMPLING AND ANALYTICAL PROTOCOL

Inspection Procedures - General

The site was inspected for the presence of Asbestos Containing Material (ACMs) that may contain more than one percent asbestos. The inspection included the interior building materials and was conducted without destructive sampling procedures. ACM's are divided into three main categories: Surfacing Materials, Thermal System Insulation, and Miscellaneous Materials. All of the suspect materials identified were described and categorized into homogeneous areas (HA's). A HA consists of all identified material found in various locations in a building that are identical in color, appearance, pattern, texture, and date of installation.

The asbestos inspection was conducted according to Asbestos Hazard Emergency Response Act (AHERA) guidelines using a minimum number of samples collected from each HA, which meets the sampling criteria found in 29 CFR 1926.1101. Sample collection depends on the Category that the HA falls into and the amount of material present, as follows:



AHERA GUIDELINES FO	AHERA GUIDELINES FOR DETERMINING THE NUMBER OF SAMPLES TO TAKE									
HA CATEGORY	HA SIZE	SAMPLES REQUIRED								
	<1,000 SF	3								
Surfacing Materials	1,000-5,000 SF	5								
	>5,000 SF	7 or more								
Thermal System Insulation	No Stipulation	3+ (Must also sample all repair								
Thermal System insulation	140 Supulation	patches)								
Miscellaneous Materials	No Stipulation	Per AHERA, these materials must be sampled "in a manner sufficient to determine whether or not they contain asbestos" typically 1-3 samples based upon inspector judgment.								

3.1 Sampling Protocol

Choosing Sample Locations

Samples of suspect miscellaneous materials were collected in a randomly distributed manner sufficient to determine whether the materials were asbestos containing. No samples were collected from any HA where the inspector determined that the material was non-ACM (such as thermal system insulation that was obviously fibrous glass, foam glass, or rubber).

Sampling Methods

Suspect asbestos samples were obtained with tools designed to penetrate a material without creating excessive dust. A utility knife with a retractable blade, chisel, and hammer were utilized, rather than scratching a sample from the surface of suspected materials, in an effort to obtain a sample that was representative of all layers of the material. Where practical, a small, broken piece of the material previously detached was found and used as a sample.

Cardno ATC sampling procedures incorporate the use of plastic bags labeled in a unique numbering sequence to store the bulk samples. Information about bulk samples, including the sample number and material description, were noted on the chain-of-custody sheets as each sample was collected. Analytical results and laboratory chain-of-custody sheets are included in *Appendices A and B*.

3.2 Analytical Protocol

Asbestos Sample Analysis

308 bulk samples of suspect building materials were collected at the site, 315 analyses were conducted by the EMSL Laboratories in Cinnaminson, NJ utilizing Polarized Light Microscopy (PLM) methodology. The laboratory is accredited for PLM analysis by both the American Industrial Hygiene Association (AIHA) and the National Voluntary Laboratory Accreditation Program (NVLAP). PLM analysis requires the



microscopist to take a portion of the sample and treat it with an oil of specific refractive index. The prepared slide is then subjected to a variety of tests while being viewed under varying polarizations of light. Each type of asbestos displays unique characteristics when subjected to these tests. Percentages of the identified types of asbestos are determined by visual estimation.

As required by the State of New Jersey Department of Labor requirements all non-friable materials that tested negative for PLM analysis underwent additional analysis using Transmission Electron Microscopy (TEM) to further determine asbestos content. An additional 10 samples were analyzed by TEM.

4.0 **DESCRIPTION OF FACILITY**

The Stockton College Site included with this study consists of approximately 538,888 square feet of multistory building space, including: Wing A, Wing B, Wing C, Wing D, Wing E, Wing G, Wing H, Wing I, Wing J, Wing K, Wing L, Wing M, Wing N, Plant Management, Police and Water Plant buildings. The site is located at 101 Vera King Farris Drive in Galloway, New Jersey. Generally, the buildings are constructed of concrete, steel bar joist, wood, and/or cinderblock construction. The buildings will be individually represented in Tables 1-16 and Appendices A & B that follow in this report.

5.0 **FINDINGS**

5.1 **Buildings Containing No ACBMs**

The results of the asbestos inspection conducted between March 31, 2014 and April 24, 2014, in The Richard Stockton College of NJ located at 101 Vera King Farris Drive in Galloway, New Jersey, indicate that the following buildings contain no asbestos greater than or equal to one percent:

Police Station G Wing Plant H Wing Management Building

I Wing

J Wing

A summary of the materials identified, analytical data summarizing the sample locations and asbestos content for the buildings containing no ACBMs is referenced on Pages 5-10 below:



G Wing

The following materials were identified as suspect asbestos-containing materials in the "G" Wing:

- Sheetrock
- Joint Compound

- 12" x 12" Gridlock Ceiling Tile
- 2' x 4' SCT with Rough Sandpaper Texture

None of these materials were identified to contain asbestos equal to or greater than one percent. Table 1 below references these materials:

TABLE 1: ASBESTOS SAMPLING RESULTS The Richard Stockton College of NJ – Wing "G"										
Material (Classification)	Location of Material	Sample Numbers	Condition (Physical Assessment)	Friable Yes/No	Quantity	Asbestos Content				
Sheetrock (M)	Throughout all area walls	B01-B02	Good	Yes	Not Applicable	ND				
Joint Compound (M)	Throughout all area walls	B03-B04	Good	Yes	Not Applicable	ND				
12" x 12" Gridlock Ceiling Tile (M)	Bathroom Halls	B05-B06	Good	Yes	Not Applicable	ND				
2' x 4' SCT with Rough Sandpaper Texture (M)	Throughout	B07-B08	Good	Yes	Not Applicable	ND				
Classification: M= M	iscellaneous, S= Surfacin	g, T= Therma	al System Insulation	on						



H Wing

The following materials were identified as suspect asbestos-containing materials in the "H" Wing:

- Sheetrock
- Joint Compound
- 2' x 4' Ceiling Tiles with Fissures
- Roof Drain Mud Fitting
- 2' x 4' Suspended Ceiling Tile with Small & Medium Craters
- 2' x 2' Plain White Suspended Ceiling Tile
- Roof Drain Collar
- 2' x 4' Suspended Ceiling Tile with Small and Medium Holes

None of these materials were identified to contain asbestos equal to or greater than one percent. Table 2 below references these materials:

	TABLE 2: ASBESTOS SAMPLING RESULTS The Richard Stockton College of NJ – Wing "H"										
Material (Classification)	Location of Material	Sample Numbers	Condition (Physical Assessment)	Friable Yes/No	Quantity	Asbestos Content					
Sheetrock (M)	Throughout all area walls	B01-B02	Good	Yes	Not Applicable	ND					
Joint Compound (M)	Throughout all area walls	B03-B04	Good	Yes	Not Applicable	ND					
2' x 4' Ceiling Tiles with Fissures (M)	Main Hall	B05-B06	Good	Yes	Not Applicable	ND					
Roof Drain Mud Fitting (T)	Throughout Upper Level of Wing	B07-B09	Good	Yes	Not Applicable	ND					
2' x 4' Suspended Ceiling Tile with Small & Medium Craters (M)	Upper Level Hall	B10-B11	Good	Yes	Not Applicable	ND					
2' x 2' Plain White Suspended Ceiling Tile (M)	Upper Level Hall	B12-B13	Good	Yes	Not Applicable	ND					
Roof Drain Collar (T)	Throughout Upper Level of Wing (Along Interior Roof Line)	B14-B16	Good	Yes	Not Applicable	ND					
2' x 4' Suspended Ceiling Tile with Small and Medium Holes (M)	Lower Level Hall	B17-B18	Good	Yes	Not Applicable	ND					
Classification: M= M	liscellaneous, S= Surfacin	g, T= Therma	al System Insulation	on							



I Wing

The following materials were identified as suspect asbestos-containing materials in the "I" Wing:

Sheetrock

Joint Compound

Roof Drain Mud Fitting

• Roof Drain Collar

None of these materials were identified to contain asbestos equal to or greater than one percent. Table 3 below references these materials:

	TABLE 3: ASBESTOS SAMPLING RESULTS The Richard Stockton College of NJ – Wing "I"										
Material (Classification)	Location of Material	Sample Numbers	Condition (Physical Assessment)	Friable Yes/No	Quantity	Asbestos Content					
Sheetrock (M)	Throughout all area walls	B01-B02	Good	Yes	Not Applicable	ND					
Joint Compound (M)	Throughout all area walls	B03-B04	Good	Yes	Not Applicable	ND					
Roof Drain Mud Fitting (T)	Throughout Upper Level of Wing	B05-B07	Good	Yes	Not Applicable	ND					
Roof Drain Collar (T)	Throughout Upper Level (Along Roof Edge)	B08-B10	Good	Yes	Not Applicable	ND					
Classification: M= M	iscellaneous, S= Surfacin	g, T= Therma	al System Insulation	on							



J Wing

The following materials were identified as suspect asbestos-containing materials in the "J" Wing:

- 2' x 2' Suspended Ceiling Tile with Sandpaper Texture
- Roof Drain End Cap
- 2' x 4' Susp. Ceiling Tile with Small and Medium Lunar Pits
- 2' x 4' Suspended Ceiling Tile with Sandpaper Texture
- Sheetrock
- Joint Compound
- Spray-On Material

None of these materials were identified to contain asbestos equal to or greater than one percent. Table 4 below references these materials:

TABLE 4: ASBESTOS SAMPLING RESULTS The Richard Stockton College of NJ – Wing "J"										
Material (Classification)	Location of Material	Sample Numbers	Condition (Physical Assessment)	Friable Yes/No	Quantity	Asbestos Content				
2' x 2' Suspended Ceiling Tile with Sandpaper Texture (M)	Exterior Exit Foyer	B01-B02	Good	Yes	Not Applicable	ND				
Roof Drain End Cap (T)	Upper Level Along Roof Line	B03-B05	Good	Yes	Not Applicable	ND				
2' x 4' Susp. Ceiling Tile with Small and Medium Lunar Pits (M)	Throughout the Wing	B06-B07	Good	Yes	Not Applicable	ND				
2' x 4' Suspended Ceiling Tile with Sandpaper Texture (M)	Throughout Upper Level of Wing	B08-B09	Good	Yes	Not Applicable	ND				
Sheetrock (M)	Throughout all area walls	B010-B011	Good	Yes	Not Applicable	ND				
Joint Compound (M)	Throughout all area walls	B12-B13	Good	yes	Not Applicable	ND				
Spray-On Material (S)	Above Second Level Ceiling Tiles, Along Exterior Perimeter Walls	B14-B20	Good	Yes	Not Applicable	ND				
Classification: M= M	iscellaneous, S= Surfacin	g, T= Therma	al System Insulation	on						



Plant Management Building

The following materials were identified as suspect asbestos-containing materials in the Plant Management Building:

- 3" Magnesia Pipe Insulation
- 12" x 12" Grey Striped Vinyl Floor Tile
- 2' x 2' Suspended Ceiling Tile with Sandpaper Texture
- Fiberglass Pipe Insulation End Cap

- Sheetrock
- Joint Compound
- Sink Undercoat

None of these materials were identified to contain asbestos equal to or greater than one percent. Table 5 below references these materials:

TABLE 5: ASBESTOS SAMPLING RESULTS The Richard Stockton College of NJ – Plant Management Building										
Material (Classification)	Location of Material	Sample Numbers	Condition (Physical Assessment)	Friable Yes/No	Quantity	Asbestos Content				
3" Magnesia Pipe Insulation (T)	Hall	B01-B03	Good	Yes	Not Applicable	ND				
12" x 12" Grey Striped Vinyl Floor Tile (M)	Electric Room	B04-B05	Good	No	Not Applicable	ND				
2' x 2' Suspended Ceiling Tile with Sandpaper Texture (M)	Conference Rooms	B06-B07	Good	Yes	Not Applicable	ND				
Fiberglass Pipe Insulation End Cap (T)	Fire Extinguisher Room	B08-B09	Good	Yes	Not Applicable	ND				
Sheetrock (M)	Throughout All Walls	B10-B11	Good	Yes	Not Applicable	ND				
Joint Compound (M)	Throughout All Walls	G12-B13	Good	Yes	Not Applicable	ND				
Sink Undercoat (M)	Staff Lounge	B14-B15	Good	No	Not Applicable	ND				
Classification: M= M	liscellaneous, S= Surfacin	g, T= Therma	al System Insulation	on						



Police Building

The following materials were identified as suspect asbestos-containing materials in the Police Building:

- 12" x 12" Blue Vinyl Floor Tile
- 2' x 4' Susp. Ceiling Tile with Small & Medium Lunar Pits
- 2' x 4' Suspended Ceiling Tile with Fissures
- 12" x 12" Grey Mottled Vinyl Floor Tile
- 12" x 12" Green Vinyl Floor Tile
- Black Mastic for 12" x 12" Green Vinyl Floor Tile

- End Packing on Fiberglass Pipe Insulation
- Joint Compound
- Sheetrock
- 12" x 12" Pink Vinyl Floor Tile
- 12" x 12" Grey Vinyl Floor Tile
- Mastic for 12" x 12" Grey Vinyl Floor Tile

None of these materials were identified to contain asbestos equal to or greater than one percent. Table 6 below references these materials:

TABLE 6: ASBESTOS SAMPLING RESULTS The Richard Stockton College of NJ – Police Building									
Material (Classification)	Location of Material	Sample Numbers	Condition (Physical Assessment)	Friable Yes/No	Quantity	Asbestos Content			
12" x 12" Blue Vinyl Floor Tile (M)	Room 020	B01-B02	Good	No	Not Applicable	< 0.25% Chrysotile			
2' x 4' Susp. Ceiling Tile with Small & Medium Lunar Pits (M)	Throughout	B03-B04	Good	Yes	Not Applicable	ND			
2' x 4' Suspended Ceiling Tile with Fissures (M)	Throughout	B05-B06	Good	Yes	Not Applicable	ND			
12" x 12" Grey Mottled Vinyl Floor Tile (M)	Kitchen	B07-B08	Good	No	Not Applicable	ND			
12" x 12" Green Vinyl Floor Tile (M)	Hall	B09-B10	Good	No	Not Applicable	ND			
Black Mastic for 12" x 12" Green Vinyl Floor Tile (M)	Hall	B11	Good	No	Not Applicable	ND			
End Packing on Fiberglass Pipe Insulation (T)	Utility Room	B12-B13	Good	No	Not Applicable	ND			
Joint Compound (M)	Throughout all Walls	B14, B23	Good	Yes	Not Applicable	ND			
Sheetrock (M)	Throughout all Walls	B15, B22	Good	Yes	Not Applicable	ND			
12" x 12" Pink Vinyl Floor Tile (M)	Men's Room	B16-B17	Good	No	Not Applicable	ND			
12" x 12" Grey Vinyl Floor Tile (M)	Squad Room	B18-B19	Good	No	Not Applicable	ND			
Mastic for 12" x 12" Grey Vinyl Floor Tile (M)	Squad Room	B20-B21	Good	No	Not Applicable	ND			
Classification: M= M	iscellaneous, S= Surfacin	g, T= Therma	al System Insulation	on					



5.2 Buildings Containing ACBMs

The results of the asbestos inspection conducted between March 31, 2014 and March 31, 2014, in The Richard Stockton College of NJ located at 101 Vera King Farris Drive in Galloway, New Jersey indicate that the following buildings contain asbestos materials with greater than or equal to one percent:

•	Water Plant	•	D Wing	•	M Wing
•	A Wing	•	E Wing	•	N wing
•	B Wing	•	K Wing		
•	C Wing	•	L Wing		

The materials identified, analytical data summarizing the sample locations, asbestos content and quantities of asbestos materials identified for the buildings containing ACBMs is referenced on Pages 12-25 below:

Cardno ATC recommends that all of the materials identified as asbestos containing be included in an Asbestos Operations and Maintenance Program until they are completely and properly removed from the facility.



A Wing

The following materials were identified as suspect asbestos-containing materials in the "A" Wing:

- Sheetrock
- Joint Compound
- 12" x 12" Beige Vinyl Floor Tile

- Floor Tile Mastic
- Roof Drain Mud Fittings

The Table below identifies these materials listed above that returned positive results greater or equal to one percent asbestos content are *italicized* and in **bold**. The location(s) of these materials is referenced in the second column of the table. Table 7 below references these materials:

	TABLE 7: ASBESTOS SAMPLING RESULTS The Richard Stockton College of NJ – Wing "A"										
Material (Classification)	Location of Material	Sample Numbers	Condition (Physical Assessment)	Friable Yes/No	Quantity	Asbestos Content					
Sheetrock (M)	Throughout all area walls	B01-B02	Good	Yes	Not Applicable	ND					
Joint Compound (T)	Throughout all area walls	B03-B04	Good	Yes	Not Applicable	ND					
12" x 12" Beige Vinyl Floor Tile (M)	AA001 & AA002	B05-B06	Good	No	Not Applicable	ND					
Floor Tile Mastic (M)	AA001 & AA002	B07-B08	Good	No	Not Applicable	ND					
Roof Drain Mud Fittings (T)	Upper Level of Wing Near Ceiling Deck (Throughout A Wing)	B16-B18	Good (7)	Yes	35 Fittings	2% Chrysotile**					

NOTE: ** = Assumed to contain asbestos based on sample results of similar material in Wing "B"

Classification: M= Miscellaneous, S= Surfacing, T= Thermal System Insulation

Physical Assessment: 1 = Damaged or Significantly Damaged Friable TSI, 2 = Damaged Friable Surfacing ACM, 3 = Significantly Damaged Friable Surfacing ACM, 4 = Damaged or Significantly Damaged Friable Miscellaneous ACM, 5 = ACBM with Potential for Damage, 6 ACBM with Potential for Significant Damage, 7 = Any remaining friable ACBM or Friable Suspected ACBM.



B Wing

The following materials were identified as suspect asbestos-containing materials in the "B" Wing:

- Spray-On Surfacing
- 2' x 4' Suspended Ceiling Tile with Fissures
- 2' x 4' Suspended Ceiling Tile with Small & Medium Craters
- Roof Drain Mud Fittings

The Table below identifies these materials listed above that returned positive results greater or equal to one percent asbestos content are *italicized* and in **bold**. The location(s) of these materials is referenced in the second column of the table. Table 8 below references these materials:

	TABLE 8: ASBESTOS SAMPLING RESULTS The Richard Stockton College of NJ – Wing "B"										
Material (Classification)	Location of Material	Sample Numbers	Condition (Physical Assessment)	Friable Yes/No	Quantity	Asbestos Content					
Spray-On Surfacing (S)	Above Second Level Ceiling Tiles, Along Exterior Perimeter Walls	B05-B11	Good	Yes	Not Applicable	ND					
2' x 4' Suspended Ceiling Tile with Fissures (M)	Throughout	B12-B13	Good	Yes	Not Applicable	ND					
2' x 4' Suspended Ceiling Tile with Small & Medium Craters (M)	Throughout	B14-B15	Good	Yes	Not Applicable	ND					
Roof Drain Mud Fittings (T)	Upper Level of Wing Near Ceiling Deck (Throughout B Wing)	B16-B18	Good (7)	Yes	35 Fittings	2% Chrysotile					

Classification: M= Miscellaneous, S= Surfacing, T= Thermal System Insulation

Physical Assessment: 1 = Damaged or Significantly Damaged Friable TSI, 2 = Damaged Friable Surfacing ACM, 3 = Significantly Damaged Friable Surfacing ACM, 4 = Damaged or Significantly Damaged Friable Miscellaneous ACM, 5 = ACBM with Potential for Damage, 6 ACBM with Potential for Significant Damage, 7 = Any remaining friable ACBM or Friable Suspected ACBM.



C Wing

The following materials were identified as suspect asbestos-containing materials in the "C" Wing:

- Roof Drain Mud Fittings
- 3" Mud Fitting on Fiberglass Pipe Insulation
- 2' x 4' Suspended Ceiling Tile with Fissures
- Transite Panel
- 4" Mud Fitting on Fiberglass Pipe Insulation

- 6" Mud Fitting on Fiberglass Pipe Insulation
- Tank Insulation
- Spray-On Coating
- Sheetrock
- Joint Compound

The Table below identifies these materials listed above that returned positive results greater or equal to one percent asbestos content are *italicized* and in **bold**. The location(s) of these materials is referenced in the second column of the table. Table 9 below references these materials:

	TABLE 9: ASBESTOS SAMPLING RESULTS The Richard Stockton College of NJ – Wing "C"								
Material (Classification)	Location of Material	Sample Numbers	Condition (Physical Assessment)	Friable Yes/No	Quantity	Asbestos Content			
Roof Drain Mud Fittings (T)	Upper Level of Wing Near Ceiling Deck (Throughout C Wing)	B01-B03	Good (7)	Yes	24 Fittings	ND (2% Chrysotile)**			
3" Mud Fitting on Fiberglass Pipe Insulation (T)	CC005	B04-B06	Good (7)	Yes	27 Fittings	3% Chrysotile			
2' x 4' Suspended Ceiling Tile with Fissures (M)	Throughout	B07-B08	Good	Yes	Not Applicable	ND			
Transite Panel (M)	Exterior – CC Trash Enclosure Wall	B09-B10	Good (5)	No	265 sf	15-20% Chrysotile			
4" Mud Fitting on Fiberglass Pipe Insulation (T)	CC005	B11-B13	Good (5)	Yes	12 Fittings	2-4% Chrysotile			
6" Mud Fitting on Fiberglass Pipe Insulation (T)	CC005	B11-B13	Good (5)	Yes	25 Fittings	10% Chrysotile			
Tank Insulation (T)	CC005 Tank 470008009U (Above Ceiling)	B17-B19	Good (5)	Yes	100 sf	15-17% Chrysotile			
Spray-On Coating (S)	Above Second Level Ceiling Tiles, Along Exterior Perimeter Walls	B20-B26	Good	Yes	Not Applicable	ND			
Sheetrock (M)	Throughout all area walls	B27-B28	Good	Yes	Not Applicable	ND			
Joint Compound (M)	Throughout all area walls	B29-B30	Good	Yes	Not Applicable	ND			

NOTE: ** = Assumed to contain asbestos based on sample results of similar material in Wing "B"

Classification: M= Miscellaneous, S= Surfacing, T= Thermal System Insulation

Physical Assessment: 1 = Damaged or Significantly Damaged Friable TSI, 2 = Damaged Friable Surfacing ACM, 3 = Significantly Damaged Friable Surfacing ACM, 4 = Damaged or Significantly Damaged Friable Miscellaneous ACM, 5 = ACBM with Potential for Damage, 6 ACBM with Potential for Significant Damage, 7 = Any remaining friable ACBM or Friable Suspected ACBM.



D Wing

The following materials were identified as suspect asbestos-containing materials in the "D" Wing

- Sheetrock
- Joint Compound
- · Roof Drain End Cap

- Roof Mud Elbow
- Spray-On Material
- Roof Drain Mud Fittings

The Table below identifies these materials listed above that returned positive results greater or equal to one percent asbestos content are italicized and in bold. The location(s) of these materials is referenced in the second column of the table. Table 10 below references these materials:

	TABLE 10: ASBESTOS SAMPLING RESULTS The Richard Stockton College of NJ – Wing "D"								
Material (Classification)	Location of Material	Sample Numbers	Condition (Physical Assessment)	Friable Yes/No	Quantity	Asbestos Content			
Sheetrock	Throughout all area walls	B01-B02	Good	Yes	Not Applicable	ND			
Joint Compound	Throughout all area walls	B03-B04	Good	Yes	Not Applicable	ND			
Roof Drain End Cap	Throughout Upper Level of Wing	B05-B07	Good	Yes	Not Applicable	ND			
Roof Mud Elbow	Throughout Upper Level of Wing	B08-B10	Good	Yes	Not Applicable	< 1% Chrysotile			
Spray-On Material	Above Second Level Ceiling Tiles, Along Exterior Perimeter Walls	B11-B15	Good	Yes	Not Applicable	ND			
Roof Drain Mud Fitting (T)	Upper Level of Wing Near Ceiling Deck (Throughout D Wing)	B16-B18	Good (7)	Yes	26 Fittings	2% Chrysotile**			

NOTE: ** = Assumed to contain asbestos based on sample results of similar material in Wing "B"

Classification: M= Miscellaneous, S= Surfacing, T= Thermal System Insulation

Physical Assessment: 1 = Damaged or Significantly Damaged Friable TSI, 2 = Damaged Friable Surfacing ACM, 3 = Significantly Damaged Friable Surfacing ACM, 4 = Damaged or Significantly Damaged Friable Miscellaneous ACM, 5 = ACBM with Potential for Damage, 6 ACBM with Potential for Significant Damage, 7 = Any remaining friable ACBM or Friable Suspected ACBM.



E Wing

The following materials were identified as suspect asbestos-containing materials in the "E" Wing

- 2' x 4' Suspended Ceiling Tile with Rough Sandpaper Texture
- 2' x 4' Suspended Ceiling Tile with Parallel Lines
- Sheetrock
- Joint Compound
- 12" x 12' Grey Vinyl Floor Tile
- 2' x 4' Suspended Ceiling Tile with Small & Medium Craters

- 12" x 12" Gridlock Ceiling Tile
- 2' x 4' Fissured Susp. Ceiling Tile
- 12" x 12' Rust Brown Vinyl Floor Tile
- Roof Drain Mud Fitting
- Roof Drain Mud Fitting
- Roof Drain Collar
- Grey Sink Undercoat

The Table below identifies these materials listed above that returned positive results greater or equal to one percent asbestos content are italicized and in bold. The location(s) of these materials is referenced in the second column of the table. Table 11 below references these materials:

TABLE 11: ASBESTOS SAMPLING RESULTS The Richard Stockton College of NJ – Wing "E"								
Material (Classification)	Location of Material	Sample Numbers	Condition (Physical Assessment)	Friable Yes/No	Quantity	Asbestos Content		
2' x 4' Suspended Ceiling Tile with Rough Sandpaper Texture (M)	Throughout	B01-B03	Good	Yes	Not Applicable	ND		
2' x 4' Suspended Ceiling Tile with Parallel Lines (M)	Throughout	B04-B06	Good	Yes	Not Applicable	ND		
Sheetrock (M)	Throughout all area walls	B07-B09	Good	Yes	Not Applicable	ND		
Joint Compound (M)	Throughout all area walls	B10-B12	Good	Yes	Not Applicable	ND		
12" x 12' Grey Vinyl Floor Tile (M)	MER 0379	B13-B14	Good	No	Not Applicable	ND		
2' x 4' Suspended Ceiling Tile with Small & Medium Craters (M)	Throughout	B15-B16	Good	Yes	Not Applicable	ND		
12" x 12" Gridlock Ceiling Tile (M)	Bathroom Halls	B17-B18	Good	Yes	Not Applicable	ND		
2' x 4' Fissured Susp.Ceiling Tile (M)	Throughout	B19-B20	Good	Yes	Not Applicable	ND		
12" x 12' Rust Brown Vinyl Floor Tile (M)	E103	B21-B22	Good	No	Not Applicable	ND		
Roof Drain Mud Fitting (T)	Throughout Upper Level of Wing	B23-B25	Good	Yes	Not Applicable	ND		



TABLE 11: ASBESTOS SAMPLING RESULTS The Richard Stockton College of NJ – Wing "E" (Continued)							
Material (Classification)	Location of Material	Sample Numbers	Condition (Physical Assessment)	Friable Yes/No	Quantity	Asbestos Content	
Roof Drain Mud Fitting (T)	Upper Level of Wing Near Ceiling Deck (Throughout E Wing)	B23-B25	Good (7)	Yes	42 Fittings	7-8% Chrysotile**	
Roof Drain Collar (T)	Throughout Upper Level of Wing (Along Interior Roof Line Throughout E Wing)	B26-B28	Good (7)	Yes	20 Collars	7-8% Chrysotile	
Grey Sink Undercoat (M)	E103	B29-B30	Good	No	Not Applicable	ND	

NOTE: ** = Assumed to contain asbestos based on sample results of associated Roof Drain Collars **

Classification: M= Miscellaneous, S= Surfacing, T= Thermal System Insulation

Physical Assessment: 1 = Damaged or Significantly Damaged Friable TSI, 2 = Damaged Friable Surfacing ACM, 3 = Significantly Damaged Friable Surfacing ACM, 4 = Damaged or Significantly Damaged Friable Miscellaneous ACM, 5 = ACBM with Potential for Damage, 6 ACBM with Potential for Significant Damage, 7 = Any remaining friable ACBM or Friable Suspected ACBM.



K Wing

The following materials were identified as suspect asbestos-containing materials in the "K" Wing

- Mud Fitting on 8" Hot Water Supply Line
- 4" Mud Fitting on Hot Water Supply Line
- 4" Mud Fitting on 3" Boiler Hot Water Pipes
- Mud Fitting on 8" Cold Water Supply Line
- Breeching Collar
- Mud Fitting on 3" Potable Water Pipe
- Mud Fitting on 8" Hot Water Return

- 2' x 4' Suspended Ceiling Tile rough Texture with Small Holes (Stored)
- 3" Mud Fitting on Fiberglass Pipe Insulation
- 2" Mud Fitting on Fiberglass Pipe Insulation
- 6" Mud Fitting on Fiberglass Pipe Insulation
- Spray-On Surfacing Material

The Table below identifies these materials listed above that returned positive results greater or equal to one percent asbestos content are italicized and in bold. The location(s) of these materials is referenced in the second column of the table. Table 12 below references these materials:

	TABLE 12: ASBESTOS SAMPLING RESULTS The Richard Stockton College of NJ – Wing "K"								
Material (Classification)	Location of Material	Sample Numbers	Condition (Physical Assessment)	Friable Yes/No	Quantity	Asbestos Content			
Mud Fitting on 8" Hot Water Supply Line (T)	K001	B01-B03	Good (5)	Yes	26 Fittings	20-30% Chrysotile			
4" Mud Fitting on Hot Water Supply Line (T)	K001	B04-B06	Good	Yes	32 Fittings	ND (Assumed)			
4" Mud Fitting on 3" Boiler Hot Water Pipes (T)	K001	B07-B09	Good (5)	Yes	12 Fittings	20% Chrysotile			
Mud Fitting on 8" Cold Water Supply Line (T)	K001	B10-B12	Good	Yes	4 Fittings	ND (Assumed)			
Breeching Collar (T)	K001 (Boilers 4990 & 4991)	B13-B15	Good (5)	Yes	260 ft ²	30% Chrysotile			
Mud Fitting on 3" Potable Water Pipe (T)	K001	B16-B18	Good	Yes	85 Fittings	ND (Assumed)			
Mud Fitting on 8" Hot Water Return (T)	K001	B19-B21	Good	Yes	21 Fittings	ND (Assumed)			
2' x 4' Suspended Ceiling Tile - rough Texture with Small Holes (Stored) (M)	K001	B22	Good	Yes	Not Applicable	ND			
3" Mud Fitting on Fiberglass Pipe Insulation (T)	All Spaces, All Floors of "K" Wing, Including But	B23-B25	Good (7)	Yes	600 Fittings	25% Chrysotile			
2" Mud Fitting on Fiberglass Pipe Insulation (T)	Not Limited to; Mechanical, Classrooms, Storage, Spaces Above Ceilings and/or in Wall Chases)	B26-B28	Good	Yes	14 Fittings	ND (Assumed)			
6" Mud Fitting on Fiberglass Pipe Insulation (T)		B29-B31	Good (7)	Yes	20 Fittings	30% Chrysotile			



TABLE 12: ASBESTOS SAMPLING RESULTS The Richard Stockton College of NJ – Wing "K" (Continued)						
Material (Classification)	Location of Material Physical Quantity					Asbestos Content
Spray-On Surfacing Material (S)	Throughout Upper Level of Wing (Along Interior Roof Line)	B32-B38	Good	Yes	Not Applicable	ND

NOTE

Based on the analytical results, all pipe fittings in the "K" Wing are assumed as asbestos containing.

Classification: M= Miscellaneous, S= Surfacing, T= Thermal System Insulation

Physical Assessment: 1 = Damaged or Significantly Damaged Friable TSI, 2 = Damaged Friable Surfacing ACM, 3 = Significantly Damaged Friable Surfacing ACM, 4 = Damaged or Significantly Damaged Friable Miscellaneous ACM, 5 = ACBM with Potential for Damage, 6 ACBM with Potential for Significant Damage, 7 = Any remaining friable ACBM or Friable Suspected ACBM.



L Wing

The following materials were identified as suspect asbestos-containing materials in the "L" Wing

- Mud Fitting on 8" Hot Water Supply Line
- 4" Mud Fitting on Hot Water Supply Line
- 4" Mud Fitting on 3" Boiler Hot Water Pipes
- Mud Fitting on 8" Cold Water Supply Line
- Breeching Collar
- Mud Fitting on 3" Potable Water Pipe
- Mud Fitting on 8" Hot Water Return

- 2' x 4' Suspended Ceiling Tile rough Texture with Small Holes (Stored)
- 3" Mud Fitting on Fiberglass Pipe Insulation
- 2" Mud Fitting on Fiberglass Pipe Insulation
- 6" Mud Fitting on Fiberglass Pipe Insulation
- Spray-On Surfacing Material

The Table below identifies these materials listed above that returned positive results greater or equal to one percent asbestos content are italicized and in bold. The location(s) of these materials is referenced in the second column of the table. Table 13 below references these materials:

TABLE 13: ASBESTOS SAMPLING RESULTS The Richard Stockton College of NJ – Wing "L"							
Material (Classification)	Location of Material	Sample Numbers	Condition (Physical Assessment)	Friable Yes/No	Quantity	Asbestos Content	
End Cap on Fiberglass Pipe Insulation (T)	L005	B01-B03	Good	Yes	Not Applicable	ND	
3" Mud Fitting on Fiberglass Pipe Insulation (T)	L005	B04-B06	Good	Yes	Not Applicable	ND	
6" Mud Fitting on Fiberglass Pipe Insulation (T)	LL203B	B07-B09	Good (7)	Yes	18 Fittings	30-40% Chrysotile	

Classification: M= Miscellaneous, S= Surfacing, T= Thermal System Insulation

Physical Assessment: 1 = Damaged or Significantly Damaged Friable TSI, 2 = Damaged Friable Surfacing ACM, 3 = Significantly Damaged Friable Surfacing ACM, 4 = Damaged or Significantly Damaged Friable Miscellaneous ACM, 5 = ACBM with Potential for Damage, 6 ACBM with Potential for Significant Damage, 7 = Any remaining friable ACBM or Friable Suspected ACBM.



M Wing

The following materials were identified as suspect asbestos-containing materials in the "M" Wing

- Sheetrock
- Joint Compound
- Pink Sink Undercoat
- Mud Fitting on Fiberglass Pipe Insulation
- 12" x 12" Gridlock Ceiling Tile
- 2' x 4' Ceiling Tiles with Sandpaper Texture
- Linoleum Flooring
- Tar Paper Beneath Linoleum Flooring
- End Cap on Fiberglass Pipe Insulation
- 3" mud Fitting on Fiberglass Pipe Insulation

- 6" Mud Fitting on Fiberglass Pipe Insulation
- Flex Collar
- Roof Drain Mud Fitting
- 12" x 12" Brown Vinyl Floor Tile
- Black Floor Tile Mastic
- 6" Mud Fitting on Fiberglass Pipe Insulation
- End Cap on Fiberglass Pipe Insulation
- Roof Drain Collar
- 3" Mud Fitting on Fiberglass Pipe Insulation
- 4" Mud Fitting on Fiberglass Pipe Insulation

The Table below identifies these materials listed above that returned positive results greater or equal to one percent asbestos content are italicized and in bold. The location(s) of these materials is referenced in the second column of the table. Table 14 below references these materials:

	TABLE 14: ASBESTOS SAMPLING RESULTS The Richard Stockton College of NJ – Wing "M"								
Material (Classification)	Location of Material	Sample Numbers	Condition (Physical Assessment)	Friable Yes/No	Quantity	Asbestos Content			
Sheetrock (M)	Throughout all area walls	B01-B02	Good	Yes	Not Applicable	ND			
Joint Compound (M)	Throughout all area walls	B03-B04	Good	Yes	Not Applicable	<1% Chrysotile			
Pink Sink Undercoat (M)	Dressing Rooms	B05-B06	Good (5)	No	8 sf	4.9% Chrysotile			
Mud Fitting on Fiberglass Pipe Insulation (T)	Throughout	B07-B09	Good	Yes	Not Applicable	ND			
12" x 12" Gridlock Ceiling Tile (M)	M001 and Sound Booth	B10-B11	Good	Yes	Not Applicable	ND			
2' x 4' Ceiling Tiles with Sandpaper Texture (M)	Main Hall	B12-B13	Good	Yes	Not Applicable	ND			
Linoleum Flooring (M)	Stage	B14-B15	Good	No	Not Applicable	ND			
Tar Paper Beneath Linoleum Flooring (M)	Stage	B16-B17	Good	No	Not Applicable	ND			
End Cap on Fiberglass Pipe Insulation (T)	MER By B205	B18-B19, B26	Good	yes	Not Applicable	ND			
3" mud Fitting on Fiberglass Pipe Insulation (T)	Hot Water Supply and Return	B20-B22	Good	Yes	Not Applicable	ND			
6" Mud Fitting on Fiberglass Pipe Insulation (T)	MER By 205	B23-B25	Good	Yes	Not Applicable	ND			
Flex Collar (M)	MER By 205	B27-B28	Good	No	Not Applicable	ND			



TABLE 14: ASBESTOS SAMPLING RESULTS The Richard Stockton College of NJ – Wing "M"								
Material (Classification)	Location of Material	Sample Numbers	Condition (Physical Assessment)	Friable Yes/No	Quantity	Asbestos Content		
Roof Drain Mud Fitting (T)	Upper Level of Wing Near Ceiling Deck (Throughout M Wing)	B29-B31	Good (7)	Yes	26 Fittings	38-40% Chrysotile		
12" x 12" Brown Vinyl Floor Tile (M)	M002	B32-B33	Good (5)	No	542 sf	3% Chrysotile		
Black Floor Tile Mastic (M)	M002	B34-B35	Good (5)	No	542 sf	4-6% Chrysotile		
6" Mud Fitting on Fiberglass Pipe Insulation (T)	M001	B36-B38	Good	Yes	Not Applicable	ND		
End Cap on Fiberglass Pipe Insulation (T)	M001	B39-B41	Good	Yes	Not Applicable	ND		
Roof Drain Collar (T)	Throughout Upper Level of Wing (Along Interior Roof Line)	B142-B44	Good	Yes	Not Applicable	ND		
3" Mud Fitting on Fiberglass Pipe Insulation (T)	All Spaces, All Floors of "K" Wing,	B45-B47	Good	Yes	Not Applicable	ND		
4" Mud Fitting on Fiberglass Pipe Insulation (T)	M001, M002	B48-B50	Good	Yes	Not Applicable	ND		

Classification: M= Miscellaneous, S= Surfacing, T= Thermal System Insulation

Physical Assessment: 1 = Damaged or Significantly Damaged Friable TSI, 2 = Damaged Friable Surfacing ACM, 3 = Significantly Damaged Friable Surfacing ACM, 4 = Damaged or Significantly Damaged Friable Miscellaneous ACM, 5 = ACBM with Potential for Damage, 6 ACBM with Potential for Significant Damage, 7 = Any remaining friable ACBM or Friable Suspected ACBM.



N Wing

The following materials were identified as suspect asbestos-containing materials in the "N" Wing

- 2' x 2' White Susp. Ceiling Tile with Sandpaper Texture
- Sheetrock
- Joint Compound
- 12" x 12" Gridlock Ceiling Tile
- 2' x 4' Suspended Ceiling Tile with Small & Medium Craters
- 12" x 12" Cream Vinyl Floor Tile
- Mastic for 12" x 12" Cream Vinyl Floor Tile
- End Cap on Fiberglass Pipe Insulation

- Joint Compound
- 2' x 4' Plain White Ceiling Tiles
- Sheetrock
- 12" x 12" Brown Mottled Vinyl Floor Tile
- Mastic for 12" x 12" Brown Mottled Vinyl Floor Tile
- 12" x 12" Light Brown Mottled Vinyl Floor Tile
- Mastic for 12" x 12" Light Brown Mottled Vinyl Floor Tile
- 12" x 12" Beige Vinyl Floor Tile

The Table below identifies these materials listed above that returned positive results greater or equal to one percent asbestos content are italicized and in bold. The location(s) of these materials is referenced in the second column of the table. Table 15 below references these materials:

	TABLE 15: ASBESTOS SAMPLING RESULTS The Richard Stockton College of NJ – Wing "N"									
Material (Classification)	Location of Material	Sample Numbers	Condition (Physical Assessment)	Friable Yes/No	Quantity	Asbestos Content				
2' x 2' White Susp. Ceiling Tile with Sandpaper Texture (M)	Polling Center	B01-B02	Good	Yes	Not Applicable	ND				
Sheetrock (M)	Polling Center	B03	Good	Yes	Not Applicable	ND				
Joint Compound (M)	Polling Center	B04	Good	Yes	Not Applicable	ND				
12" x 12" Gridlock Ceiling Tile (M)	Hall By Polling Center	B05-B06	Good	Yes	Not Applicable	ND				
2' x 4' Suspended Ceiling Tile with Small & Medium Craters (M)	Hall by Polling/Meditation Room	B07-B08	Good	Yes	Not Applicable	ND				
12" x 12" Cream Vinyl Floor Tile (M)	Work Area by MER	B09-B10	Good	No	Not Applicable	ND				
Mastic for 12" x 12" Cream Vinyl Floor Tile (M)	Work Room 131; Offices 107, 108 & 109	B11-B12	Good (5)	No	1,292 sf	3% Chrysotile				
End Cap on Fiberglass Pipe Insulation (T)	2nd Floor MER	B13	Good	Yes	Not Applicable	ND				
Joint Compound (M)	Throughout all walls	B14	Good	No	Not Applicable	ND				
2' x 4' Plain White Ceiling Tiles (M)	Kitchen	B15-B16	Good	Yes	Not Applicable	ND				
End Cap on Fiberglass Pipe Insulation (T)	All Spaces, All Floors of "N" Wing,	B17-B18	Good	Yes	Not Applicable	ND				
Sheetrock (M)	Throughout all walls	B19	Good	No	Not Applicable	ND				
12" x 12" Brown Mottled Vinyl Floor Tile (M)	Kitchen Supply Room	B20-B21	Good	No	Not Applicable	ND				
Mastic for 12" x 12" Brown Mottled Vinyl Floor Tile (M)	N007 Storage, N006e	B20-B21	Good (5)	No	80 sf	5-6% Chrysotile				



TABLE 15: ASBESTOS SAMPLING RESULTS The Richard Stockton College of NJ – Wing "N"							
Material (Classification)	Location of Material	Sample Numbers	Condition (Physical Assessment)	Friable Yes/No	Quantity	Asbestos Content	
12" x 12" Light Brown Mottled Vinyl Floor Tile (M)	Kitchen Supply room	B22-B23	Good	No	Not Applicable	ND	
Mastic for 12" x 12" Light Brown Mottled Vinyl Floor Tile (M)	N023	B24-B25	Good (5)	No	256 sf	6-8% Chrysotile	
12" x 12" Beige Vinyl Floor Tile (M)	Kitchen Office	B26-B27	Good	No	Not Applicable	ND	

Classification: M= Miscellaneous, S= Surfacing, T= Thermal System Insulation

Physical Assessment: 1 = Damaged or Significantly Damaged Friable TSI, 2 = Damaged Friable Surfacing ACM, 3 = Significantly Damaged Friable Surfacing ACM, 4 = Damaged or Significantly Damaged Friable Miscellaneous ACM, 5 = ACBM with Potential for Damage, 6 ACBM with Potential for Significant Damage, 7 = Any remaining friable ACBM or Friable Suspected ACBM.



Water Plant

The following materials were identified as suspect asbestos-containing materials in the Water Plant:

- Sheetrock
- Joint Compound

- Mud Fitting on Fiberglass Pipe Insulation
- Door Caulk

The Table below identifies these materials listed above that returned positive results greater or equal to one percent asbestos content are italicized and in bold. The location(s) of these materials is referenced in the second column of the table. Table 16 below references these materials:

	TABLE 16: ASBESTOS SAMPLING RESULTS The Richard Stockton College of NJ – Water Plant								
Material (Classification)	Location of Material	Sample Numbers	Condition (Physical Assessment)	Friable Yes/No	Quantity	Asbestos Content			
Sheetrock (M)	Separator Wall	B01-B02	Good	Yes	Not Applicable	ND			
Joint Compound (M)	Separator Wall	B03-B04	Good	Yes	Not Applicable	ND			
Mud Fitting on Fiberglass Pipe Insulation (T)	Near Circulator Pumps	B05-B08	Good (7)	Yes	22 Fittings	3% Chrysotile			
Door Caulk (M)	Exterior Door	B09-B10	Good (5)	No	20 linear feet	5.5% Anthophyllite			

Classification: M= Miscellaneous, S= Surfacing, T= Thermal System Insulation

Physical Assessment: 1 = Damaged or Significantly Damaged Friable TSI, 2 = Damaged Friable Surfacing ACM, 3 = Significantly Damaged Friable Surfacing ACM, 4 = Damaged or Significantly Damaged Friable Miscellaneous ACM, 5 = ACBM with Potential for Damage, 6 ACBM with Potential for Significant Damage, 7 = Any remaining friable ACBM or Friable Suspected ACBM.

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According to OSHA and USEPA regulations, any material that contains greater than one percent of any type of asbestos is considered an ACM. Even though Wings A, B, C and D were constructed at the same time, Cardno ATC surveyed the buildings independently of one another regarding the number of bulk samples obtained for each material.

All quantities listed in this report are for reference only. All parties utilizing this report for proposal, estimation or contract negotiations are required to field verify the quantities of material prior to submission of proposal.

5.3 Inaccessible Suspect ACM

Additional ACM's may be present in inaccessible or concealed spaces. These spaces include, but are not limited to; pipe chases, spaces between wall/ceiling cavities, interior or mechanical components such as boiler cavities, interior ducts, etc. If future maintenance, renovation, and/or demolition activities make these areas accessible, Cardno ATC recommends that a thorough assessment of these spaces be conducted prior to the planned renovation or demolition activities to identify and confirm the presence of additional ACM's.

Per the scope of work for this project, destructive sampling and investigation methods were not utilized. Concurrent with this non-destructive limitation, the roofing materials associated with this facility were not sampled.

6.0 SUMMARIES AND RECOMMENDATIONS

6.1 Discussion of Asbestos Containing Materials

In compliance with the Asbestos Hazard Emergency Response Act (AHERA) protocol utilized by Cardno ATC for these building surveys, if a specific construction date is not available for the installation of the various material(s) identified (i.e. pipe fittings and/or roof drain fittings), then all similar materials are to be assumed as asbestos containing for the same construction date(s).

A-D Wings (Including Common Hall) (Thermal)

Mr. Michael Ferraro, facilitator of Facilities and Plant Operations for Richard Stockton College, advised Cardno ATC of the construction dates for the various Wings included in this survey. Wings A, B, C and D were constructed during the same phase.



The sampling conducted by Cardno ATC indicated asbestos was present in the rooftop drain mud fittings in the "B" Wing. Additionally, asbestos was identified in the mud fittings of the pipes identified in Mechanical Equipment Room CC005.

Because Cardno ATC is unable to differentiate between which thermal components are asbestos containing and which are non-asbestos containing, all thermal materials (pipe fittings, pipe collars, roof drain fittings, roof drain collars) identified above the ceilings and/or in the wall chases of these Wings are assumed to contain asbestos, based on one (1) or more of these materials containing equal to or greater than one percent asbestos. If any mud pipe fitting insulation is identified above the ceiling tiles and/or in the wall chases in Wings A-D, this material should be assumed to be asbestos until it can be sampled by a certified Asbestos Building Inspector and analyzed for asbestos content to prove otherwise.

(Miscellaneous)

The vertically positioned transite panels located outside the building were encapsulated on each side with plywood prior to the date of this survey.

E Wing (Thermal Only)

All roof drain collars (directly abutting the roof decking) are asbestos containing. The mud fittings associated with these roof drains were found to be non-asbestos containing. Because of asbestos being present in the roof drain collars, the associated mud fittings that were installed at the same time need to be assumed as being asbestos containing materials.

K Wing (Thermal Only)

All pipe fittings are identified as asbestos containing materials. Due to limited access Cardno ATC did not identify any roof drain fittings for sampling during this survey, any roof drain fittings and/or collars identified in the future are to be assumed as asbestos containing materials.

L Wing (Thermal Only)

All pipe fittings are identified as asbestos containing materials. Due to limited access Cardno ATC did not identify any roof drain fittings for sampling during this survey, any roof drain fittings and/or collars identified in the future are to be assumed as asbestos containing materials.

M Wing (Thermal)

Roof drain mud fittings were identified to contain asbestos. All roof drain collars are assumed to be asbestos containing materials, based on the positive asbestos content in the roof drain mud fittings.



(Miscellaneous)

The pink sink undercoating in the dressing rooms is asbestos containing. The floor tiles and floor tile mastic in M002 are also asbestos containing.

N Wing (Thermal)

Cardno ATC did not observe roof drain fittings or collars during this survey. Any roof drain mud fittings and collars are to be assumed to be asbestos containing materials.

(Miscellaneous)

Floor tiles and mastic are asbestos containing in rooms; N007 Storage, N006e, N007, Offices 107-109 and Work Room 131.

Water Plant

All mud fittings and exterior door caulk are asbestos containing materials.

The asbestos containing materials are considered as a "Regulated Asbestos-Containing Material" (RACM). Prior to renovation or potential for disturbance, a New Jersey licensed asbestos abatement contractor should remove any identified RACM's. Upon removal, all waste must be disposed of in an EPA approved asbestos waste landfill.

The Richard Stockton College employees and staff, located at 101 Vera King Farris Drive in the township of Galloway, New Jersey, should be made aware that according to this inspection, the facility does contain identified ACM's. All damaged materials should be repaired as soon as possible. Richard Stockton College should prohibit disturbance of the asbestos containing materials until renovation activities necessitate its removal.

6.2 Renovation/Demolition

Although not required by state or federal regulatory agencies, Cardno ATC recommends that all the ACM's identified in this report be maintained under a written O&M program, by suitably trained personnel, until renovation necessitates removal or until the building is demolished.

All non-friable and friable ACM's identified in this report are recommended for removal by New Jersey-licensed personnel in accordance with applicable regulations, prior to building renovation or demolition. Upon removal, the subject material must be disposed of in a landfill that has US EPA approval to accept asbestos-containing waste.



Friable asbestos-containing material (ACM), as defined by the Asbestos NESHAP, is any material containing more than one percent (1%) asbestos as determined using the method specified in Appendix A, Subpart F, 40 CFR Part 763, Section 1, Polarized Light Microscopy (PLM), that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure. NESHAP considers friable material a "Regulated Asbestos-Containing Material" (RACM). All RACM must be handled as hazardous waste.

Subcontractors and employees working within the structures at the site should be made aware of the Locations of the ACM's and the possibility of concealed ACM's that could be discovered during renovation/demolition activities.

The above recommendations should be followed for demolition projects including contracting the services of an environmental consultant to monitor/document that the demolition contractor activities comply with the New Jersey Department of Labor, New Jersey Department of Health, OSHA, EPA, and NESHAP requirements.

7.0 ASSUMPTIONS AND LIMITATIONS

The results, findings, conclusions, and recommendations expressed in the report are based only on conditions that were noted during the Cardno ATC inspection of the Richard Stockton College located at 101 Vera King Farris Drive in the township of Galloway, New Jersey between March 31, 2014 and April 24, 2014.

The limitations of this inspection were depicted in the proposal 068-2014-0004, dated January 7, 2014 which reflected considerations expected and communicated by Richard Stockton College and Cardno ATC. In specific, the intent of this inspection was to identify readily accessible materials and sample in a discreet, non-damaging manner. This inspection is not intended to satisfy OSHA or EPA requirements for planned renovation or demolition.

Any conditions or materials that could not be visually identified on the surface were not inspected and may differ from those conditions or materials noted. It was not within the scope of this inspection to remove facility components or materials to investigate portions of the structure or materials that lay beneath the components or materials. Cardno ATC selection of sample locations and frequency of sampling was based on Cardno ATC observations and the assumption that like materials in the same area are homogeneous in content.



This report is designed to aid the building owner, architect, construction manager, general contractors, and potential asbestos abatement contractors in locating ACM. Under no circumstances is the report to be utilized as a bidding document or as a project specification document.

APPENDIX A

SUMMARY OF NON-ASBESTOS CONTAINING BUILDINGS

BULK MATERIAL SAMPLING ANALYTICAL RESULTS &
CHAIN OF CUSTODIES

BUILDING G



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077 (800) 220-3675 / (856) 786-5974 Phone/Fax:

http://www.EMSL.com

cinnasblab@EMSL.com

EMSL Order: CustomerID:

041410708

ATC52

CustomerPO: ProjectID:

John Lutz Cardno ATC 3 Terri Lane

Bromley Corp Center Burlington, NJ 08016

Phone:

(609) 386-8800

Fax:

(609) 386-7951

Received:

04/21/14 2:30 PM

Analysis Date:

4/28/2014

Collected:

4/17/2014

Project: Richard Stockton College/ 68.45719.0001/Bldg G

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

Sample	Description	Appearance	Non-Asbestos			<u>Asbestos</u>
			%	Fibrous	% Non-Fibrous	% Type
B01	100 Level Hall - Sheetrock	White	15%	Cellulose	82% Non-fibrous (other)	None Detected
041410708-0001		Fibrous Homogeneous	3%	Glass		
B02	200 Level Hall - Sheetrock	Brown/White	25%	Cellulose	65% Non-fibrous (other)	None Detected
041410708-0002		Fibrous Homogeneous	10%	Glass		
B03	100 Level Hall - Joint Compound	White	*		100% Non-fibrous (other)	None Detected
041410708-0003		Non-Fibrous Homogeneous				
B04	200 Level Hall - Joint Compound	White		<u>_</u> _	100% Non-fibrous (other)	None Detected
041410708-0004		Non-Fibrous Homogeneous				
B05	200 Level Bathroom Hall - 12"x12" Gridlock Ceiling Tile	Gray/White	50%	Cellulose	20% Non-fibrous (other)	None Detected
041410708-0005		Fibrous Homogeneous	30%	Min. Wool		
B06	200 Level Bathroom Hall - 12"x12" Gridlock Celling Tile	Gray/White	50%	Cellulose	30% Non-fibrous (other)	None Detected
041410708-0006		Fibrous Homogeneous	20%	Min. Wool		
B07	200 Level Hall - 2'x4' Sct w/Sandpaper Texture	Gray/White	45%	Cellulose	20% Non-fibrous (other)	None Detected
041410708-0007		Fibrous Homogeneous	35%	Min. Wool		
B08	200 Level Hall - 2'x4' Sct w/Sandpaper Texture	Gray/White	45%	Cellulose	25% Non-fibrous (other)	None Detected
041410708-0008		•	30%	Min. Wool		

Analyst(s)

Erica Valent (4) Shane Feret (4) 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, AlHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367

Initial report from 04/28/2014 11:27:49

041410708



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Shaping the Future

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

Fax 609.386.7951

Client:	Richard Stockton College	Samples Collected By: (Print & Sign)	Jim Heron Janker	Date:	14/17/14
Project # / Task:	68,45719,0001	Samples Transported By: (Print & Sign)		Date:	///
Facility/Bldg:	" G"	Samples Received By: (Print & Sign)	DM WI 7:30	Date:	4/21/14
Project Mgr.	John Lutz	Samples Analyzed By: (Print & Sign)	<i>O</i>	Date:	

From Market Control		Samule Tu	irnaround Time	:		
24 Hours □	48 Hours □	(5	Days 🔯	Immed	ate 🗆	Hours 🗆
Contact Information &	Results Distribution:	□ Cont bi	none VFax	ØE-M:		
Name: John Lutz	Cell Phone: 609-57	1-7522	Fax: 609-386-7	7951 E-M	lail: john	.lutz@cardno.com

	Sample #	Type & Description of Material	Fria Yes	ble No	Location		ilysis thod	Result
•	BØI	Sheetrock	Security Security	γ	100 Level Hall	P	M	
•	B02			¥	200 Level Hall			
•	B03	Joint Compound		¥	100 Level Hall			
•	B04			¥	200 Level Hall			
,	Bø5	12"+12" Gridlack Ceiling Tile	x		200 Level Bathoom 14911		1 1 2 2 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	
	BØ6		X		V			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Þ	B67	2'ru'scTul Sandpaper Texture	۲.		200 Level Hall	2014 AP	CINNAMI	grand Ag
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BUILDING H



200 Route 130 North, Cinnaminson, NJ 08077 (800) 220-3675 / (856) 786-5974 Phone/Fax:

cinnasblab@EMSL.com http://www.EMSL.com

EMSL Order:

041410710

CustomerID:

ATC52

CustomerPO:

ProjectID:

John Lutz Cardno ATC 3 Terri Lane

Bromley Corp Center Burlington, NJ 08016

Phone:

(609) 386-8800

Received:

(609) 386-7951 04/21/14 2:30 PM

Analysis Date:

Collected:

4/24/2014

4/17/2014

Richard Stockton College / 68.45719.0001 / Bldg. H

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

<u>Asbestos</u> Non-Asbestos % Type % Non-Fibrous Fibrous | Appearance Description Sample **None Detected** 65% Gypsum 8% Cellulose Lower Level Hall -B01 20% Ca Carbonate Sheetrock Non-Fibrous 041410710-0001 Homogeneous 7% Non-fibrous (other) **None Detected** 70% Gypsum Upper Level Hall -5% Cellulose White B02 20% Ca Carbonate Sheetrock Non-Fibrous 041410710-0002 Homogeneous 5% Non-fibrous (other) **None Detected** 85% Ca Carbonate Lower Level Hall -White Joint Compound Non-Fibrous 15% Non-fibrous (other) 041410710-0003 Homogeneous **None Detected** 95% Ca Carbonate Upper Level Hall -**B04** 5% Non-fibrous (other) Joint Compound Non-Fibrous 041410710-0004 Homogeneous **None Detected** 20% Perlite 35% Cellulose Main Hall - 2'x4' Tan B05 Sct w/Fissures 40% Min. Wool 5% Non-fibrous (other) Fibrous 041410710-0005 Homogeneous **None Detected** 15% Perlite Min. Wool Main Hall - 2'x4' Tan 45% B06 5% Non-fibrous (other) Sct w/Fissures 35% Cellulose **Fibrous** 041410710-0006 Homogeneous None Detected 60% Ca Carbonate 35% Min. Wool R07 H294 - Mud Fitting Tan 5% Non-fibrous (other) On Fiberglass Fibrous 041410710-0007 Roof Drain Homogeneous **None Detected** 70% Ca Carbonate 25% Min. Wool H294 - Mud Fitting Tan B08 5% Non-fibrous (other) On Fiberglass Fibrous 041410710-0008 Roof Drain Homogeneous

Analyst(s)

Colin Slattery (2) Justin Senerchia (16) Stephen Siegel, ClH, Laboratory Manager or other approved signatory

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Initial report from 04/24/2014 16:51:00



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cinnasblab@EMSL.com

EMSL Order:

041410710

CustomerID:

ATC52

CustomerPO:

ProjectID:

Attn: John Lutz **Cardno ATC** 3 Terri Lane

Bromley Corp Center Burlington, NJ 08016

Phone:

(609) 386-8800

Fax:

(609) 386-7951

Received:

04/21/14 2:30 PM

Analysis Date:

4/24/2014

Collected:

4/17/2014

Project: Richard Stockton College / 68.45719.0001 / Bldg. H

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

				Non-Asb	<u>estos</u>	<u>Asbestos</u>
Sample	Description	Appearance	% F <u>ib</u> ı	rous	% Non-Fibrous	<u>% Type</u>
B09	H294 - Mud Fitting	Tan	<1% Ce		50% Ca Carbonate	None Detected
041410710-0009	On Fiberglass Roof Drain	Fibrous Homogeneous	36% Mi	in. Wool	14% Non-fibrous (other)	
B10	Upper Level Hall -	White	25% Ce	ellulose	40% Perlite	None Detected
041410710-0010	2'x4' Sct w/Small & Medium Craters	Fibrous Homogeneous	30% Mi	in. Wool	5% Non-fibrous (other)	
 B11	Upper Level Hall -	White	20% Ce	ellulose	40% Perlite	None Detected
041410710-0011	2'x4' Sct w/Small & Medium Craters	Fibrous Homogeneous	35% Mi	in. Wool	5% Non-fibrous (other)	
B12	Upper Level Hall -	Tan	15% Ce	ellulose	40% Perlite	None Detected
041410710-0012	2'x2' Plain White Sct	Fibrous Homogeneous	40% M	in. Wool	5% Non-fibrous (other)	
B13	Upper Level Hall -	Tan	18% C	ellulose	40% Perlite	None Detected
041410710-0013	2'x2' Plain White Sct	Fibrous Homogeneous	32% M	lin. Wool	10% Non-fibrous (other)	
B14	H294 - Roof Drain	Tan	22% M	lin. Wool	75% Ca Carbonate	None Detected
041410710-0014	Collar	Non-Fibrous Homogeneous			3% Non-fibrous (other)	· · ·
B15	H294 - Roof Drain	Tan	15% M	lin. Wool	80% Ca Carbonate	None Detected
041410710-0015	Collar	Fibrous Homogeneous			5% Non-fibrous (other)	
B16	H294 - Roof Drain	Tan	<1% C	ellulose	5% Quartz	None Detected
	Collar	Fibrous	24% M	in. Wool	60% Ca Carbonate	
041410710-0016		Homogeneous			11% Non-fibrous (other)	

Analyst(s)

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EMSL Order:

041410710

CustomerID:

ATC52

CustomerPO:

ProjectID:

Attn: John Lutz

Cardno ATC 3 Terri Lane

Bromley Corp Center Burlington, NJ 08016

Phone:

(609) 386-8800

Fax:

(609) 386-7951

Received:

04/21/14 2:30 PM

Analysis Date:

4/24/2014

Collected:

4/17/2014

Project: Richard Stockton College / 68.45719.0001 / Bldg. H

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

<u>Asbestos</u> Non-Asbestos % Type Non-Fibrous **Appearance Fibrous** Description Sample **None Detected** 45% Perlite Cellulose Lower Level Hall -25% 2'x4' Sct w/Small & Fibrous 25% Min. Wool 5% Non-fibrous (other) 041410710-0017 Medium Lunar Homogeneous Holes None Detected 40% Perlite 22% Cellulose Lower Level Hall -**B18** 2'x4' Sct w/Small & **Fibrous** 35% Min. Wool 3% Non-fibrous (other) 041410710-0018 Medium Lunar Homogeneous Holes

Analyst(s)

Colin Slattery (2) Justin Senerchia (16)

Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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041410710

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Shaping the Future

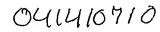
ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

Fax 609,386.7951

Client:	Richard Stockton College	(Print	es Collec & Sign)		Jim Here	on Jones	2_	Date:	4/	17/14
Project # / Ta	sk: 68°45719,0001	(Print	& Sign)	ported By:				Date:		1 1
Facility/Bldg	1H"	(Print	es Receiv & Sign)		00	<u> </u>		Date:	14	121/14
Project Mgr.	John Lutz	Sample (Print	es Analy & Sign)	zed By:				Date:	12	<u> 130</u>
	So	mple T	urnar	ound Tin	ne:				5.7	\leftarrow 1
24 H	ours 🗆 48 Hours 🗆		Da	ys 🗆	Im	mediate 🛚	Hou	rs 🗆		
	Hormation of Etocolog	Cell		☑Fa		E-Mail E-Mail: johr	lutz@cs	rdno o	om	
Name: Joh	n Lutz Cell Phone: 609-571-	1322	Fax	(: 009-300	J-1931	E-Mail. John	I.TutZugot	a uno.		
Sample #	Type & Description of Material	Fri: Yes	ible No		Lo	cation			ilysis thod	Result
Bol	Sheetock		٢	Lou	er Leve	d Hall		PL	M	
1302			4	Upp	er Lei	iel Ha				
B03	Joint Compound		Y	Lou	er Lev	iel Hall				
B64			p	U	per Le	vel Hal	1			
BØ5	2'x4'SCT W/FISSURES	¥		<u> </u>	in H	<u> </u>	<u> </u>			
Bø6	y	K		MA	INH	ALL				
B07	MUD FITTING ON FIBER - GLASS ROOF DRAIN	X	. je	H	1291	+			7.	
Bas		Y					<u> </u>		APR 2	CIMMA
B&9	1	k			<u> </u>				- :	MS I
BIØ	2'x41 SCTW/SMALL &I MEDIUM CRATERS	Y		y	ner Lev	rel Hai	<u> </u>			P
B11		V					·		•	
B12	2'x2' PLANWHITE SCT	K							<u></u>	
B13		Υ.			1		.			
B14	Roof Drain Collar	x		1	H 29	4		- 		
BIS	1	X			_\			<u>L</u> ,	<u> </u>	
Special Ir	structions:				•					X18

Page 1 Of

Shaping the Future



3 Terri Lane Burlington, NJ 08016 www.atcassociates.com 609.386.8800

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

Fax 609.386.7951

Client:	Richard Stockton College	Samples Collected By: (Print & Sign)	Jim Heron Juny la	Date: 4/17	1/14
Project # / Task:	68.45719,0001	Samples Transported By: (Print & Sign)		Date:	r
Facility/Bldg:	"HI	Samples Received By: (Print & Sign)		Date:	
Project Mgr.	John Lutz	Samples Analyzed By: (Print & Sign)		Date:	
L					

To the second second		Sample T	urnaround Time:		
24 Hours 🗆	48 Hours □	- 10 may 200 - 10	Days 🗆	Immediate 🗆	Hours 🗆
Contact Information & R	esults Distribution:	☐ Cell I	Phone	☑E-Mail	
Name: John Lutz	Cell Phone: 609-5	71-7522	Fax: 609-386-795	51 E-Mail: john.lu	ıtz@cardno.com

Sample	Type & Description of Material	Fris	2000 000 000	Location	Analysis Method	Result
# ,		Yes	No		2. 4474 (h. 25. 16. 16. 16. 16. 1	
B16	Roof Drain Collar	*		H294	PLM	
BIT	Roof Drain Colley 21445 GW SMALL & MEDIUM LUMBE HOLES	¥		H294 Lover Level Hall		
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1 4 1 4 4 <u>4 4 4</u>		<u> </u>	<u> </u>	<u></u>		

Special Instructions:

BUILDING I



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http://www.EMSL.com

cinnasblab@EMSL.com

EMSL Order:

041410703

CustomerID:

ATC52

CustomerPO: ProjectID:

Attn: John Lutz
Cardno ATC
3 Terri Lane

Bromley Corp Center Burlington, NJ 08016 Phone:

(609) 386-8800

Fax:

(609) 386-7951

Received:

04/21/14 2:30 PM

Analysis Date:

4/28/2014

Collected:

4/17/2014

Project: Richard Stockton College/ 68.45719.0001/Bldg I

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Non-Asbestos

<u>Asbestos</u>

Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	<u>%_Type</u>
B01-Texture 041410703-0001	1001 - Sheetrock	Tan Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B01-Drywall 041410703-0001A	1001 - Sheetrock	White Fibrous Homogeneous	10% 3%	-	87% Non-fibrous (other)	None Detected
B02-Texture 041410703-0002	Hall By 1103 - Sheetrock	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B02-Drywall 041410703-0002A	Hall By 1103 - Sheetrock	Brown/White Fibrous Heterogeneous	20%		78% Non-fibrous (other)	None Detected
B03 041410703-0003	1001 - Joint Compound	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B04 041410703-0004	Hall By 1103 - Joint Compound	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B05 041410703-0005	200 Hall - Roof Drain Mud Fitting Insulation	White Fibrous Homogeneous	15%	Min. Wool	85% Non-fibrous (other)	None Detected
B06 041410703-0006	200 Hall - Roof Drain Mud Fitting Insulation	White Fibrous Homogeneous	15%	6 Min. Wool	85% Non-fibrous (other)	None Detected

Analyst(s)

Dave Poitras (5) Michael Garrity (7) Stephen Siegel, ClH, Laboratory Manager or other approved signatory

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Initial report from 04/28/2014 11:28:37



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EMSL Order:

041410703

ATC52

CustomerID: CustomerPO:

ProjectID:

Attn: John Lutz Cardno ATC 3 Terri Lane

Bromley Corp Center Burlington, NJ 08016 Phone:

(609) 386-8800

Fax:

(609) 386-7951

Received:

04/21/14 2:30 PM

Analysis Date:

4/28/2014

Collected:

4/17/2014

Project: Richard Stockton College/ 68.45719.0001/Bldg I

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

				Non-Ast	estos	<u>Asbestos</u>
Sample	Description	Appearance	% _	Fibrous	% Non-Fibrous	<u>% Type</u>
B07	200 Hall - Roof Drain Mud Fitting	White	20%	Min. Wool	80% Non-fibrous (other)	None Detected
041410703-0007	Insulation	Fibrous Homogeneous				
B08	200 Hall - Roof	White	15%	Min. Wool	85% Non-fibrous (other)	None Detected
041410703-0008	Drain Collar	Fibrous Homogeneous			·	
B09	200 Hall - Roof	White	15%	Min. Wool	85% Non-fibrous (other)	None Detected
041410703-0009	Drain Collar	Fibrous Homogeneous		_		
B10	200 Hall - Roof	White	20%	Min. Wool	80% Non-fibrous (other)	None Detected
041410703-0010	Drain Collar	Non-Fibrous Heterogeneous				

Analyst(s)

Dave Poitras (5) Michael Garrity (7) Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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Initial report from 04/28/2014 11:28:37

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041410703

3 Terri Lane Burlington, NJ 08016 www.atcassoclates.com 609.386.8800

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

Fax 609.386.7951

Client:	Richard Stockton College	(Print &	s Collec & Sign)		Jim Her	on Jimpler	Date:	4	17/14,
Project # / Task:	68.45719,0001	(Print &	& Sign)	orted By:			Date:	'	/-/-
Facility/Bldg:	"J"	(Print &	s Receiv & Sign)		0		Date:	14	3/1/2
Project Mgr.	John Lutz	Sample (Print &	s Analyz & Sign)	zed By:			Date:		
24 Hours	s □ 48 Hours □ (5	Day	ound Tin ys 区 包Fi	/ In	ımediate □ Ho ĭB-Mail	urs 🛭		
Contact Info		Cell 1 522		: 609-380		E-Mail: john,lutz@c	ardno.c	om	
Sample #	Type & Description of Material	Fria Yes	ible No		Lò	cátion		lysis thod	Result
30.54-30.00 (30.00 to 1.00 20.00 to	Sheet Rock		۶		lac	0	PL	M	
BØ2		- 24. A - 34. A	K	Ha	11 B	y 1103			
BØ3 -	Join + Compound	- <u> </u>	¥		00)	0 1:07	-		
BØ4	D. M. ITIL.		X		Hall	By 1103			
BØ5 K	ust Drain Much Fifting Insulation	Y		<u></u> <u></u>	200	SHALL			V
B06		x						-11 - 5	<u></u>
1307	ROOF DRAIN COLLAR	X		2.6	- 1/a	<u>/</u>			
1508	1	r		20	ø HA	<u> </u>			,
B69		*	:			<u>.</u>			
B10	*	k				<u> </u>	*	<u>r</u> Ω	
							# PR 2 1	CINNAMINSON,	,
							3	SOIL SOIL	
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Special Insti	ructions:						3:50		

BUILDING J



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EMSL Order:

041411154

CustomerID:

ATC52

CustomerPO: ProjectID:

Attn: John Lutz Cardno ATC 3 Terri Lane

Bromley Corp Center Burlington, NJ 08016

Phone:

(609) 386-8800

Fax:

(609) 386-7951

Received:

04/24/14 4:15 PM

Analysis Date:

4/29/2014

Collected:

4/24/2014

Project: STOCKTON/ 68.45719.0001

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

				Non-Asb	estos	<u>Asbestos</u>	
Sample	Description	Appearance	% Fi	ibro <u>us</u>	% Non-Fibrous	% Type	
B-01 041411154-0001	- 2'X2' SCT W/ SANDPAPER TEXTURE	Tan/White Fibrous Homogeneous		Cellulose Min. Wool	20% Non-fibrous (other)	None Detected	
B-02 041411154-0002	- 2'X2' SCT W/ SANDPAPER TEXTURE	Tan/White Fibrous Homogeneous		Cellulose Min. Wool	20% Non-fibrous (other)	None Detected	
B-03 041411154-0003	- ROOF DRAIN END C A P	White Fibrous Homogeneous	30% N	Min. Wool	70% Non-fibrous (other)	None Detected	
B-04 041411154-0004	- ROOF DRAIN END CAP	White Fibrous Homogeneous	30% N	Min. Wool	70% Non-fibrous (other)	None Detected	
B-05 041411154-0005	- ROOF DRAIN END CAP	White Fibrous Homogeneous	20% N	Min. Wool	80% Non-fibrous (other)	None Detected	
B-06 041411154-0006	- 2'X2' SCT W/ SMALL & MEDIUM LUNAR PITS	Gray/White Fibrous Homogeneous	1070	Cellulose Min. Wool	20% Non-fibrous (other)	None Detected	
B-07 041411154-0007	- 2'X2' SCT W/ SMALL & MEDIUM LUNAR PITS	Gray/White Fibrous Homogeneous	,.	Cellulose Min. Wool	20% Non-fibrous (other)	None Detected	
B-08 041411154-0008	- 2'X4' SCT W/ SANDPAPER TEXTURE	Gray/White Fibrous Homogeneous		Cellulose Min. Wool	20% Non-fibrous (other)	None Detected	

Analyst(s)

Alexis Kum (12) Matthew Carralero (9) Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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Initial report from 04/29/2014 16:53:17



200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (800) 220-3675 / (856) 786-5974

http://www.EMSL.com

cinnasblab@EMSL.com

EMSL Order: CustomerID: 041411154

Customerio:

ATC52

ProjectID:

Attn: John Lutz
Cardno ATC
3 Terri Lane

Bromley Corp Center Burlington, NJ 08016

Project: STOCKTON/ 68.45719.0001

Phone:

(609) 386-8800

Fax:

(609) 386-7951

Received:

04/24/14 4:15 PM

Analysis Date:

4/29/2014

Collected:

4/24/2014

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Asbestos Non-Asbestos % Type % Non-Fibrous **Fibrous** Description **Appearance** Sample **None Detected** 20% Non-fibrous (other) 45% Cellulose Gray/White - 2'X4' SCT W/ B-09 SANDPAPER **Fibrous** 35% Min. Wool 041411154-0009 **TEXTURE** Homogeneous **None Detected** 75% Non-fibrous (other) 15% Cellulose White - SHEETROCK B-10 **Fibrous** 10% Glass 041411154-0010 Homogeneous **None Detected** 80% Non-fibrous (other) 15% Cellulose - SHEETROCK White B-11 **Fibrous** 5% Glass 041411154-0011 Homogeneous **None Detected** 100% Non-fibrous (other) - JOINT White B-12 COMPOUND Non-Fibrous 041411154-0012 Homogeneous **None Detected** 100% Non-fibrous (other) - JOINT White B-13 COMPOUND Non-Fibrous 041411154-0013 Homogeneous **None Detected** 45% Non-fibrous (other) 40% Cellulose Tan/Yellow - SPRAY-ON B-14-Spray-On SURFACING 15% Min. Wool **Fibrous** 041411154-0014 Homogeneous **None Detected** 100% Non-fibrous (other) B-14-Plaster - SPRAY-ON Gray SURFACING Non-Fibrous 041411154-0014A Homogeneous **None Detected** 10% Non-fibrous (other) 90% Cellulose - SPRAY-ON Tan B-15 SURFACING Fibrous 041411154-0015 Homogeneous

Analyst(s)

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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, PA ID# 68-00367

Initial report from 04/29/2014 16:53:17



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EMSL Order:

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Analysis Date:

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Collected:

4/24/2014

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

				Non-Asi	<u>oestos</u>	<u>Asbestos</u>
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	%_Type
B-16 041411154-0016	- SPRAY-ON SURFACING	Tan Fibrous Homogeneous	90%	Cellulose	10% Non-fibrous (other)	None Detected
B-17 041411154-0017	- SPRAY-ON SURFACING	Tan Fibrous Homogeneous	90%	Cellulose	10% Non-fibrous (other)	None Detected
B-18 041411154-0018	- SPRAY-ON SURFACING	Tan Fibrous Homogeneous	95%	Cellulose	5% Non-fibrous (other)	None Detected
B-19 041411154-0019	- SPRAY-ON SURFACING	Tan Fibrous Homogeneous	90%	Cellulose	10% Non-fibrous (other)	None Detected
B-20 041411154-0020	- SPRAY-ON SURFACING	Tan Fibrous Homogeneous	95%	Cellulose	5% Non-fibrous (other)	None Detected

Analyst(s)

Alexis Kum (12) Matthew Carralero (9)

Stephen Siegel, ClH, Laboratory Manager or other approved signatory

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Initial report from 04/29/2014 16:53:17



Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

041411154

EMSL ANALYTICAL, INC. 200 ROUTE 130 NORTH CINNAMINSON, NJ 08077

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Company: A	RONO 1	910		Bill to: Same Diff Different note Instructions in Con	
Street: 3 TERM	LANG		Third Party Billing r	requires written authorization	n from third party
City: BURLIA	V678N.	State/Province: N	Zip/Postal Code:	Country:	
Report To (Name):	SOHN 1	Lure	Telephone #:		
Email Address:	oh. lutz	@ cardro.com	Fax #:	Purchase C	Order:
Project Name/Numbe		1/68.457/9.000/	Please Provide Result	s: Fax Email	Table at the property of the second
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*For TEM Air 3 hr through	Ahr please cell s	head to schedule *There is a	premium charge for 3 Hour TEM A	HERA or EPA Levell TAT.	You will be asked to sign
en authorization for PCM - Air Check i			rdence with EMSL's Terms and C] 4-4.5hr TAT (AHERA only)	TEM- Dust	tical Price Guide.
NIOSH 7400	i sauhies are ii		0 CFR, Part 763	☐ Microvac - ASTM	D 5755
W/ OSHA 8hr. TW/	Δ	□ NIOSH 7		☐ Wipe - ASTM D64	
		☐ EPA Leve			(EPA 600/J-93/167)
PLM - Bulk (reporting limit)				Soll/Rock/Vermiculi	
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Point Count		☐ TEM EPA	NOB	☐ PLM CARB 435 -	
□ 400 (<0.25%) □ 10	000 (<0.1%)	☐ NYS NOB	198.4 (non-friable-NY)	☐ TEM CARB 435 -	
Point Count w/Gravime	etric	☐ Chatfield	SOP	☐ TEM CARB 435 €	
□ 400 (<0.25%) □ 10	000 (<0.1%)		Analysis-EPA 600 sec. 2.5	TEM Qual. via Fttt	
☐ NYS 198.1 (friable		TEM - Water	The state of the s	TEM Qual. via Dr	p-Mount Technique
☐ NYS 198.6 NOB (r	non-friable-NY)	Fibers >10µn		Other:	3 3
☐ NIOSH 9002 (<1%	6)	All Fiber Size	s 🔲 Waste 🔲 Drinking	<u> </u>	
					and the second second
☐ Check For Positiv	e Stop - Clear	ly Identify Homogénou	Group Filter Pore Size	(Air Samples): 🔲 0.8	
Check For Positiv	e Stop – Clear	ly Identify Homogénou	Samplers Signature	The second of th	ழm 🔲 0.45μm
	e Stop Clear	ly Identify Homogénou Sample Descr	Samplers Signature	The second of th	Ūm □ 0.45μm
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Samplers Name: Sample # Bøl Bø2 Bø3 Bø4	2'x2' 5 2'x2' 5 Roof	Sample Descr SCT w/Sandpapa CT w/Sandpapa	Samplers Signature	: Folume/Area (Air)o	Date/Time Sampled
Samplers Name: Sample # Bøl Bø2 Bø3 Bø4 Bø5	2'x2' 5 2'x2' 5 Roof	Sample Descr SCT w/ Sandpap CT w/ Sandpa Drain End C	Samplers Signature ption r Texture per Texture ap (ap	: Folume/Area (Air)o	Date/Time Sampled
Samplers Name: Sample # Bøl Bø2 Bø3 Bø4 Bø6	2'x2' 5 2'x2' 5 Roof	Sample Descr SCT w/ Sandpap CT w/ Sandpa Drain End C Drain End Drain End Tw/ Small & M	Samplere Signature por Texture per Texture ap Cap Cap Adum Linar Pits	: Volume/Area (Air)o HA # (Bulk)	Date/Time Sampled
Samplers Name: Sample # Bøl Bø2 Bø3 Bø4 Bø5 Bø6 Bø7	2'x2' 5 2'x2' 5 Roof	Sample Descr SCT w/ Sandpaper CT w/ Sandpaper Drain End C Drain End Drain End Tw/ Small & M Tw/ Small & M	Samplere Signature petion resture per Texture (ap (ap (ap) Alum Ling Pits ledium Ling Pits	: Volume/Area (Air)o HA # (Bulk)	Date/Time Sampled
Samplers Name: Sample # Bøl Bø2 Bø3 Bø4 Bø6	2'x2' 5 2'x2' 5 Roof	Sample Descr SCT w/ Sandpap CT w/ Sandpa Drain End C Drain End Drain End Tw/ Small & M	Samplere Signature por Texture per Texture ap Cap Cap Adum Linar Pits	Volume/Area (Air)o HA# (Bulk)	Date/Time Sampled
Samplers Name: Sample # Bøl Bø2 Bø3 Bø4 Bø5 Bø6 Bø7	2'x2' 5 2'x2' 5 Roof	Sample Descr SCT w/ Sandpaper CT w/ Sandpaper Drain End C Drain End Drain End Tw/ Small & M Tw/ Small & M	Samplere Signature petion resture per Texture (ap (ap (ap) Alum Ling Pits ledium Ling Pits	: Volume/Area (Air)o HA # (Bulk)	Date/Time Sampled
Samplers Name: Sample # Bøl Bø2 Bø3 Bø4 Bø5 Bø6 Bø7 Bø8	2'x2' 5 2'x2' 5 Roof Roof Poof 2'x2' 50 2'x2' 50 2'x2' 50	Sample Descr SCT w/ Sandpaper CT w/ Sandpaper Drain End C Drain End Drain End Tw/ Small a/ CT w/ Sanday	Samplere Signature petion resture per Texture (ap (ap (ap) Alum Ling Pits ledium Ling Pits	Volume/Area (Air)o HA# (Bulk)	Date/Time Sampled
Samplers Name: Sample # Bø/ Bø/2 Bø/3 Bø/4 Bø/5 Bø/6 Bø/6 Client Sample # (s): Received (Lab):	2'x2' 5 2'x2' 5 Roof Roof 2'x2' 50 2'x2' 50 2'x2' 50	Sample Descr SCT w/ Sandpap CT w/ Sandpap Drain End Drain End Drain End Tw/ Small & M Tw/ Small & M CT w/ Sandar	samplers Signature iption or Texture per Texture ap Cap Cap Adum Linar Pits dedin Linar Pits oer Texture	Volume/Area (Air)o HA # (Bulk) Total # of Samples:	Date/Time Sampled 4/24//4 16/4
Samplers Name: Sample # Bøl Bø2 Bø3 Bø5 Bø6 Bø6 Collent Sample # (s): Relinguished (Client)	2'x2' 5 2'x2' 5 Roof Roof 2'x2' 50 2'x2' 50 2'x2' 50	Sample Descr SCT w/ Sandpap CT w/ Sandpap Drain End Drain End Drain End Tw/ Small & M Tw/ Small & M CT w/ Sandar	Samplers Signature iption r Texture per Texture ap Cap Cap Idian Linar Pits per Texture recture recture ate: 4/24/14	Volume/Area (Air)o HA # (Bulk) Total # of Samples:	Date/Time Sampled 4/24//4 16/4

OrderID: 041411154



Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

041411154

EMSL ANALYTICAL, INC. 200 ROUTE 130 NORTH CINNAMINSON, NJ 08077

PHONE: (800) 220-3675 FAX: (856) 786-5974

CAn	DNO AT		EMSL-E	Bill to: Same Different note instructions in Con	ferent		
	ERRI LAN	<u> </u>	•	equires written authorization			
City: BALING	1.	State/Province:	Zip/Postal Code:	Country:	muon uma party		
		VIZ		Telephone #:			
Email Address: 500		cadro.com	Fax #:	Purchase (Order:		
Project Name/Number		719/0001	Please Provide Results	: 🗌 Fax 📗 Email			
U.S. State Samples Ta	aken:	1 NS .	CT Samples: Comm		idential/Tax Exempt		
PEng TEAR Air 9 hr through	8 hr niesee cell she	Turnaround Time (TA 4 Hour	mium charge for 3 Hour TEM Al	96 Hour 1 Weel	You will be asked to sign		
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☐ NIOSH 7400			CFR, Part 763	Microvac - ASTM	24.74 (1)		
W/ OSHA 8hr, TWA	ing limit) EPA Level ii			☐ Wipe - ASTM D64			
PLM - Bulk (reporting				Soil/Rock/Vermicul			
■ PLM EPA 600/R-93 □ PLM EPA NOB (<19		TEM - Bulk		PLM CARB 435 -			
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☐ NYS 198.1 (friebte ☐ NYS 198.6 NOB (n			☐ Waste ☐ Drinking	Other:	op mount roomingas		
☐ NIOSH 9002 (<1%)			☐ Waste ☐ Drinking				
	Act of the second	Identify Homogénous G	roup Filter Pore Size (Air Samples): 🔲 0.8	um □ 0.45um		
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्य प्रशासिक विकास स्थापित है । जिल्हा विकास					()		

OrderID: 041411154



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Company: Carc	la ATC		EMSL-B	ill to: Same Diff ferent note instructions in Con	erent nments**		
	em Lane		Third Party Billing re	quires written authorization	from third party		
city: Bulling to		Province;	Zip/Postal Code:	Country:			
	SOHN LUTZ		Telephone #:		and the state of t		
		roho.com	Fax #:	Purchase C	order:		
Project Name/Number:		9.0001	Please Provide Results	: Fax Email			
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PCM - Air Check if sa	mples are from NY	TEM - Air 4	4.5hr TAT (AHERA only)	TEM- Dust	en de la Caracia		
NIOSH 7400	ta da	AHERA 40 C	FR, Part 763	☐ Microvac - ASTM			
] w/ OSHA 8hr. TWA	andra <u>andra anglina a</u>	☐ NIOSH 7402		☐ Wipe - ASTM D64			
☐ PLM EPA 600/R-93/116 (<1%) ☐ ISO 10312					(EPA 600/J-93/167)		
			Soli/Rock/Vermiculi				
PLM EPA NOB (<1%)		TEM - Bulk		☐ PLM CARB 435 -			
Point Count	\ (-0.49\)	TEM EPA NO	8.4 (non-friable-NY)	TEM CARB 435 -			
☐ 400 (<0.25%) ☐ 1000		☐ Chatfield SO		☐ TEM CARB 435 - C (0.01% sensitivity			
			nalysis-EPA 600 sec. 2.5	☐ TEM Qual. via Filtration Technique			
司 400 (<0.25%) □ 1000				☐ TEM Qual. via Drop-Mount Technique			
] 400 (<0.25%)	The first of the f	TEM - Water: E	PA 100.2	LI I LIVI WOOL VIOLDIN			
	NY)	Fibers >10µm	☐ Waste ☐ Drinking	Other:			
NYS 198.1 (friable in l	NY)	Fibers >10µm		Other:			
NYS 198.1 (friable in NYS 198.6 NOB (non	NY) -friable-NY)	Fibers >10µm All Fiber Sizes	☐ Waste ☐ Drinking ☐ Waste ☐ Drinking	Other: Air Samples): 0.8	μm 🔲 0.45μm		
NYS 198.1 (friable in NYS 198.6 NOB (noh. NIOSH 9002 (<1%) Check For Positive S	NY) -friable-NY) stop – Clearly Identif	Fibers >10µm All Fiber Sizes	☐ Waste ☐ Drinking ☐ Waste ☐ Drinking roup Filter Pore Size (Samplers Signature:	Other: Air Samples): 0.8			
NYS 198.1 (friable in NYS 198.6 NOB (non NIOSH 9002 (<1%) Check For Positive Samplers Name:	NY) -friable-NY) Stop – Clearly Identif	Fibers >10µm All Fiber Sizes y Homogénous G Sample Descripti	□ Waste □ Drinking □ Waste □ Drinking roup Filter Pore Size (Samplers Signature:	Other: Air Samples): 0.8 Volume/Area (Air)	μm		
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NYS 198.1 (friable in NYS 198.6 NOB (noh) NIOSH 9002 (<1%) Check For Positive Samplers Name: Sample #	NY) -friable-NY) Stop - Clearly Identify SALAY - O	Fibers >10µm All Fiber Sizes Ty Homogénous G Sample Descripti Surfa Ow Sur	□ Waste □ Drinking □ Waste □ Drinking roup Filter Pore Size (Samplers Signature: on CJNG ACING	Other: Air Samples): 0.8 Volume/Area (Air)	Date/Time Sampled		
NYS 198.1 (friable in NYS 198.6 NOB (non NIOSH 9002 (<1%) Check For Positive Samplers Name: Sample # BIT BIT BIT BIT BIT BIT BIT BI	NY) -friable-NY) Stop - Clearly Identify SPLAY - O SPRAY -	Fibers >10µm All Fiber Sizes Ty Homogénous G Sample Descripti Surfa Ow Sur	□ Waste □ Drinking □ Waste □ Drinking roup Filter Pore Size (Samplers Signature: on CING FACING OTHER	Other: Air Samples): 0.8 Volume/Area (Air)	Date/Time Sampled		
NYS 198.1 (friable in NYS 198.6 NOB (non NIOSH 9002 (<1%) Check For Positive Samplers Name: Sample # BIT BIT BIT BIT BIT BIT BIT BI	NY) -friable-NY) Stop - Clearly Identify SPLAY - O SPRAY -	Fibers >10µm All Fiber Sizes Ty Homogénous G Sample Descripti Surfa Ow Sur	□ Waste □ Drinking □ Waste □ Drinking roup Filter Pore Size (Samplers Signature: on CING FACING OTHER	Other: Air Samples): 0.8 Volume/Area (Air)	Date/Time Sampled		
NYS 198.1 (friable in NYS 198.6 NOB (non NIOSH 9002 (<1%) Check For Positive Samplers Name: Sample # BIT BIT BIT BIT BIT BIT BIT BI	NY) -friable-NY) Stop - Clearly Identify SPLAY - O SPRAY -	Fibers >10µm All Fiber Sizes Ty Homogénous G Sample Descripti Surfa Ow Sur	□ Waste □ Drinking □ Waste □ Drinking roup Filter Pore Size (Samplers Signature: on CING FACING OTHER	Other: Air Samples): Outher: Outher	Date/Time Sampled		
NYS 198.1 (friable in NYS 198.6 NOB (non NIOSH 9002 (<1%) Check For Positive Samplers Name: Sample # BIT BIT BIT BIT BIT BIT BIT BI	NY) -friable-NY) Stop - Clearly Identify SPLAY - O SPRAY -	Fibers >10µm All Fiber Sizes Ty Homogénous G Sample Descripti Surfa Ow Sur	□ Waste □ Drinking □ Waste □ Drinking roup Filter Pore Size (Samplers Signature: on CING FACING OTHER	Other: Air Samples): Outher: Outher	Date/Time Sampled		
NYS 198.1 (friable in NYS 198.6 NOB (non- NIOSH 9002 (<1%) Check For Positive Semplers Name: Sample # BIT BY8 B19 B20	NY) -friable-NY) Stop - Clearly Identify SPLAY - O SPRAY -	Fibers >10µm All Fiber Sizes Ty Homogénous G Sample Descripti Surfa Ow Sur	□ Waste □ Drinking □ Waste □ Drinking roup Filter Pore Size (Samplers Signature: on CING FACING OTHER	Other: Air Samples): 0.8 Volume/Area (Air) HA # (Bulk)	Date/Time Sampled		
NYS 198.1 (friable in NYS 198.6 NOB (not) NIOSH 9002 (<1%) Check For Positive Samplers Name: Sample # BY B	NY) -friable-NY) Stop - Clearly Identify SPLAY - O SPRAY -	Fibers >10µm All Fiber Sizes Ty Homogénous G Sample Descripti Surfa Ow Sur Ow Sur	□ Waste □ Drinking □ Waste □ Drinking roup Filter Pore Size (Samplers Signature: on CING FACING FACING FACING	Other: Air Samples): Other: Other:	Date/Time Sampled 4/24/4		
NYS 198.1 (friable in NYS 198.6 NOB (non NIOSH 9002 (<1%) Check For Positive Semplers Name: Sample # BIT BIT BIT BIT BIT BIT BIT BI	NY) -friable-NY) Stop - Clearly Identify SPLAY - O SPRAY -	Fibers >10µm All Fiber Sizes Ty Homogénous G Sample Descripti Surfa Ow Sur	□ Waste □ Drinking □ Waste □ Drinking roup Filter Pore Size (Samplers Signature: on CING FACING FACING FACING FACING FACING FACING FACING	Other: Air Samples): 0.8 Volume/Area (Air) HA # (Bulk)	Date/Time Sampled 4/24/4		

PLANT MANAGEMENT BUILDING



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: Customer ID:

041408952

ATC52

Customer PO: Project ID:

Attn: John Lutz

Cardno ATC 3 Terri Lane

Bromley Corp Center Burlington, NJ 08016 Phone:

(609) 386-8800

Fax: Collected: (609) 386-7951 3/31/2014

Received:

4/04/2014

Analyzed:

4/18/2014

Richard Stockton College / 68.45719.0001/ Plant Mngmt. Building Proj:

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

20%

20%

5%

Client Sample ID:

Lab Sample ID:

041408952-0001

Sample Description:

Hall/3" Mag. PT

White

Color

White

Color

White

Analyzed Non-Asbestos Fibrous Non-Fibrous Date Color

Comment Asbestos

Client Sample ID:

TEST

PI M

PLM

PLM

B02

Lab Sample ID:

041408952-0002

Sample Description:

Hall/3" Mag. PT

Non-Asbestos Analyzed

Fibrous Non-Fibrous

80%

95%

80%

Comment

Lab Sample ID:

Lab Sample ID:

Comment

Lab Sample ID:

TEST

B03

Asbestos None Detected

None Detected

041408952-0003

Client Sample ID: Sample Description:

Hall/3" Mag. PT

Analyzed Date 4/11/2014

4/11/2014

Date

4/11/2014

Non-Ashestos Fibrous Non-Fibrous

Asbestos

Comment None Detected

041408952-0004

Client Sample ID: Sample Description:

TEST

Elec. Room/12" x 12" Grey Striped VFT (Tile Only)

Non-Asbestos

Analyzed Non-Fibrous Ashestos Date Color Fibrous **TEST** 0% 100% None Detected 4/11/2014 Gray PLM 0.0% 100% None Detected 4/18/2014 Gray TEM Grav. Reduction

Client Sample ID:

041408952-0005

Sample Description:

B05

Elec. Room/12" x 12" Grey Striped VFT (Tile Only)

Color

Gray

Analyzed **TEST** Date 4/11/2014

Non-Asbestos Non-Fibrous **Fibrous** 100%

0%

Asbestos None Detected Comment

Client Sample ID:

PLM

B06

Lab Sample ID:

041408952-0006

Sample Description:

Conf. Room (Large)/2' x 2' Susp. Ceil. Tile w/ Sandpaper Texture

Analyzed

Color

Gray

Color

Gray/White

Date TEST 4/11/2014 PLM

Non-Asbestos

Non-Fibrous

20%

Fibrous

80%

Ashestos None Detected

Comment

Lab Sample ID:

041408952-0007

Client Sample ID: Sample Description:

TEST

PLM

B07

Conf. Room (Small)/2' x 2' Susp. Ceil. Tile w/ Sandpaper Texture

Analyzed Date

4/11/2014

Non-Asbestos

Fibrous Non-Fibrous Asbestos 80% 20% None Detected Comment



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Project ID:

041408952 ATC52

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

			via EPA 6	600/R-93/116	<u> </u>		
Client Sample ID:	B08					Lab Sample ID:	041408952-0008
Sample Description:	Fire Extinguisher Room/F	GPI End Cap					
	Analyzed			sbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	4/11/2014	White	0%	100%	None Detected		
Client Sample ID:	B09					Lab Sample ID:	041408952-0009
Sample Description:	Fire Extinguisher Room/F	GPI End Cap					
•	Analyzed			sbestos		0	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	4/11/2014	White/Yellow	10%	90%	None Detected		
Client Sample ID:	B10					Lab Sample ID:	041408952-0010
Sample Description:	Small Conf. Room/Sheetr	ock					
	Analyzed			sbestos	A -b4	Commont	
TEST	Date	Color		Non-Fibrous	Asbestos None Detected	Comment	
PLM	4/11/2014	Brown/Gray	15%	85%	None Detected		
Client Sample ID:	B11					Lab Sample ID:	041408952-0011
Sample Description:	Fire Extinguisher Room/S	heetrock					
	Analyzed			sbestos		0	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	4/11/2014	Brown/Gray/White	15%	85%	None Detected		· -
Client Sample ID:	B12					Lab Sample ID:	041408952-0012
Sample Description:	Small Conf. Room/Joint C	ompound					
	Analyzed			sbestos	A 1: 4	0	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	4/11/2014	White	0%	100%	None Detected		· · · · · · · · · · · · · · · · · · ·
Client Sample ID:	B13					Lab Sample ID:	041408952-0013
Sample Description:	Fire Extinguisher Room/Jo	oint Compound					
	Analyzed			sbestos		0	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM 	4/11/2014	White	0%	100%	None Detected		
Client Sample ID:	B14					Lab Sample ID:	041408952-0014
Sample Description:	Staff Lounge/Sink Underc	oat					
	Analyzed			sbestos			
TEST	Date	Color		Non-Fibrous	Ashestos	Comment	
PLM	4/11/2014	Gray	5%	95%	None Detected		
Client Sample ID:	B15					Lab Sample ID:	041408952-0015
Sample Description:	Staff Lounge/Sink Underc	oat					
	Analyzed			sbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	4/11/2014	Gray	5%	95%	None Detected		



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ATC52

Customer PO: Project ID:

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

Analyst(s):	
blew Ken	Auborah Little
Alexis Kum PLM (7)	Debbie Little TEM Grav. Reduction (1)
Jillian Yurick PLM (8)	
Reviewed and approved by:	Stephen Siegel, CIH, Laboratory Manager
	or Other Approved Signatory

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

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.

Initial report from: 04/11/201412:40:41

OrderID: 041408952

Shaping the Future

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

3 Terri Lane Burlington, NJ 08016 www.atcassociates.com 609.386.8800

Fax 609.386.7951

Client:	Richard Stockton College	Samples Collected By: (Print & Sign)	Jim Heron Jony	Date:	3/31/14
Project # / Task:	68,45719,0001	Samples Transported By: (Print & Sign)		Date:	
Facility/Bldg:	PLANT MILLY, BLONG	Samples Received By: (Print & Sign)	SATE, Brop	Date:	1/4/11
Project Mgr.	John Lutz	Samples Analyzed By: (Print & Sign)		Date:	10,0

	Sample	Turnaround Time:		
24 Hours 🗆	48 Hours 🗆	5 Days 🛚	Immediate 🗆	Hours 🗆
Contact Information & R	esults Distribution: □ Ce	Il Phone ☑Fax	☑E-Mail	
Name: John Lutz	Cell Phone: 609-571-7522	Fax: 609-386-7	951 E-Mail: john.	lutz@cardno.com

Sample:	Type & Description of Material	Fria Yes	able No	Location	4 2 10 100	alysis . thod	Result
Bell	3" MAG. PI	x		HAZL	PL	M	
3/2	3" MAGPI	×	and the second	HALL			
BØ3	3" MAGPI	۴		HALL			
304			k	ELEC. ROOM			
345	12"x12" (NEY STRIPED (TILEONLY) VFT		Y	ELEC. ROOM			
B\$6	2'k21 SUSP. CEST TILEW/ SANDPAPER TEXTURE	K	The second control of	TOM. ROWM (HARGE)			
B\$7		x		CUNF. ROOM (SMALL)			
B08	FGPI END CAP		χ	FIRE EXTINGUISHER ROOM			
BØ9	FGPI END CAP	veri i	¥	1	i i		
BIØ	Sheetrock		k	Small Enf. Ruom			
311	Sheetrock		k	Fire Ext. Room			
B12	Joint Compound		4	Small Conf. Room			
013	Soint Compound HI		٧	Fire Ext. Roum	1		
314	SINK NORTHBEATTANNIC		۲	Staff Lounge			
BIS	Sink Undercourt		٥	1 1		<u>r </u>	

POLICE BUILDING



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: Customer ID:

041408926

ATC52

Customer PO: Project ID:

Attn: Jim Heron Cardno ATC

> 3 Terri Lane **Bromley Corp Center** 08016 Burlington, NJ

Phone: Fax:

(609) 386-8800 (609) 386-7951

Collected:

3/31/2014 4/04/2014

Received: Analyzed:

4/16/2014

Richard Stockton College / 68.45719.0001 / Police

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:

B01-Floor Tile

Lab Sample ID:

041408926-0001

Sample Description:

Rm 020/12x12 Blue Vinyl Floor Tile

	Analyzed		Non-	-Asbestos		
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment
PLM	4/09/2014	Blue	0%	100%	None Detected	
TEM Grav. Reduction	4/16/2014	Blue	0.0%	100%	<0.25% Chrysotile	

Client Sample ID:

B01-Mastic

Lab Sample ID:

041408926-0001A

Sample Description:

Rm 020/12x12 Blue Vinyl Floor Tile

	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	4/09/2014	Yellow	0% 100%	None Detected		

Client Sample ID:

B02-Floor Tile

Lab Sample ID:

041408926-0002

Sample Description:

Rm 020/12x12 Blue Vinyl Floor Tile

	Analyzed		Non-Asbestos	•		
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	4/09/2014	Blue	0% 100%	None Detected		

Client Sample ID:

B02-Mastic

Lab Sample ID:

041408926-0002A

Sample Description:

Rm 020/12x12 Blue Vinyl Floor Tile

	Analyzed	Non	-Asbestos				
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	4/09/2014	Yellow	0%	100%	None Detected		
Olicat Cample ID: B03						Lab Sample ID:	041408926-0003

Client Sample ID:

Sample Description:	Rm 020/2'x4' SCT w/ Small 8	Med Lunar Pits					÷
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	4/09/2014	Gray	80%	20%	None Detected		

Client Sample ID:

B04

Lab Sample ID: 041408926-0004

Sample Description:

Alarm cluster/2'x4' SCT w/ Small & Med Lunar Pits

		Analyzed		Non-	-Asbestos			
TEST		Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM		4/09/2014	Gray	80%	20%	None Detected	·	
Client Sample ID:	B05						Lab Sample ID:	041408926-0005

Sample Description:

Kitchen/2'x4' SCT w/ Fissures

	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	4/09/2014	Gray	80%	20%	None Detected		



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Customer PO: Project ID:

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

			via EPA 6	00/R-93/116			
Client Sample ID:	B06		· · ·			Lab Sample ID:	041408926-0006
Sample Description:	Rm 0106/2'x4' SCT w/ Fissures						
	Analyzed			sbestos			
TEST	Date	Color	Fibrous N		Asbestos	Comment	
PLM	4/09/2014	Gray	80%	20%	None Detected		
Client Sample ID:	B07-Floor Tile					Lab Sample ID:	041408926-0007
Sample Description:	Kitchen/12"x12" Grey Mottled V	FT					
	Analyzed			sbestos			
TEST	Date	Color	Fibrous N		Asbestos	Comment	
PLM	4/09/2014	Gray	0%	100%	None Detected None Detected		
TEM Grav. Reduction	4/16/2014	Gray	0.0%	100%	Notic Detected		
Client Sample ID:	B07-Mastic					Lab Sample ID:	041408926-0007A
Sample Description:	Kitchen/12"x12" Grey Mottled V	FT					
					•		
	Analyzed	Cal-	Non-As Fibrous N	sbestos	Asbestos	Comment	
TEST	4/09/2014	Color Yellow	O%	100%	None Detected	- Commone	
PLM	4/09/2014	renow	- 078	10070	Tione Beledied	1 -h Commis IDs	041408926-0008
Client Sample ID:	B08-Floor Tile					Lab Sample ID:	041406326-0006
Sample Description:	Kitchen/12"x12" Grey Mottled V	FT					
	Analyzed	0-1		sbestos lon-Fibrous	Asbestos	Comment	
TEST	4/09/2014	Color Gray	Fibrous N	100%	None Detected		
PLM	4/08/2014	Glay		100%	110110 2 010012	Lab Sample ID:	041408926-0008A
Client Sample ID:	B08-Mastic					Lab Sample ID.	041400320-000054
Sample Description:	Kitchen/12"x12" Grey Mottled V	FT					
	Amelywed		Non-A	sbestos			
TEST	Analyzed Date	Color		lon-Fibrous	Asbestos	Comment	
PLM	4/09/2014	Yellow	0%	100%	None Detected		
						Lab Sample ID:	041408926-0009
Client Sample ID:	B09						
Sample Description:	Hall/12"x12" Green VFT						
	Analyzed		Non-A	sbestos			
TEST	Date	Color		lon-Fibrous	Asbestos	Comment	
PLM	4/09/2014	Green	0%	100%	None Detected		
TEM Grav. Reduction	4/16/2014	Green	0.0%	100%	None Detected		
Client Sample ID:	B10-Floor Tile					Lab Sample ID:	041408926-0010
Sample Description:							
Jampie Description:	Hall/12"x12" Green VFT						
	Analyzed		Non-A	sbestos			
TEST	Date	Color		lon-Fibrous	Asbestos	Comment	
PLM	4/09/2014	Green	0%	100%	None Detected		
Client Sample ID:	B10-Mastic					Lab Sample ID:	041408926-0010A
Sample Description:	Hall/12"x12" Green VFT						
oampie Description.	Hall/12 X12 GIEER VE						
	Analyzed		Non-A	sbestos			
TEST	Date	Color		lon-Fibrous	Asbestos	Comment	
PLM	4/09/2014	Black	0%	100%	None Detected		



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: Customer ID: 041408926 ATC52

Customer PO: Project ID:

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

			via EPA 6	00/13-93/110	<u> </u>		044400000 0044
Client Sample ID:	B11					Lab Sample ID:	041408926-0011
ample Description:	Hall/Black Mastic for Green	VFT					
			Non A	harton			
TERT	Analyzed Date	Color	Non-As Fibrous N	bestos on-Fibrous	Asbestos	Comment	
TEST	4/09/2014	Black	O%	100%	None Detected		
PLM FEM Grav. Reduction	4/16/2014	Black	0.0%	100%	None Detected		
		Didok	0.070			Lab Sample ID:	041408926-0012
Client Sample ID:	B12					Las Campio is.	
Sample Description:	Utility room/End Packing on	FGPI					
	Analyzad		Non-As	bestos			
TERT	Analyzed Date	Color	Fibrous N		Asbestos	Comment	
TEST	4/09/2014	White	0%	100%	None Detected		
						Lab Sample ID:	041408926-0013
Client Sample ID:	B13					24. Campio 121	_ ,
Sample Description:	Utility room/End Packing on	FGPI					
	Analyzod		Non-Ac	sbestos			
TEST	Analyzed Date	Color		on-Fibrous	Asbestos	Comment	
PLM	4/09/2014	White	0%	100%	None Detected		
					-	Lab Sample ID:	041408926-0014
Client Sample ID:	B14	1					
Sample Description:	Utility room/Joint Compound	l					
	Analyzed		Non-As	sbestos			
TEST	Date	Color		on-Fibrous	Asbestos	Comment	
PLM	4/09/2014	White	0%	100%	None Detected	_	
	B15			.		Lab Sample ID:	041408926-0015
Client Sample ID:						-	
Sample Description:	Utility room/Sheetrock						
	Analyzed		Non-As	sbestos			
TEST	Date	Color		on-Fibrous	Asbestos	Comment	
PLM	4/09/2014	Brown/White	20%	80%	None Detected		
Client Sample ID:	B16					Lab Sample ID:	041408926-0016
Sample Description:	Men's room/12"x12" Pink Vi	:т					
sample Description:	MIGHTS TOOHWIZ XIZ PINK VI	•					
	Analyzed		Non-As	sbestos			
TEST	= = = = = = = = = = = = = = = = = = =						
	Date	Color	Fibrous N	on-Fibrous	Asbestos	Comment	·
⊃LM	4/09/2014	Color Pink	Fibrous N	on-Fibrous 100%	Asbestos None Detected	Comment	·
						Comment	
TEM Grav. Reduction	4/09/2014	Pink	0%	100%	None Detected	Comment Lab Sample ID:	041408926-0017
TEM Grav. Reduction Client Sample ID:	4/09/2014 4/16/2014 B17	Pink Pink	0%	100%	None Detected		041408926-0017
TEM Grav. Reduction Client Sample ID:	4/09/2014 4/16/2014	Pink Pink	0%	100%	None Detected		041408926-0017
TEM Grav. Reduction Client Sample ID:	4/09/2014 4/16/2014 B17	Pink Pink	0%	100%	None Detected		041408926-0017
TEM Grav. Reduction Client Sample ID:	4/09/2014 4/16/2014 B17 Men's room/12"x12" Pink Vi	Pink Pink	0% 0.0% Non-A	100%	None Detected		041408926-0017
TEM Grav. Reduction Client Sample ID: Sample Description: TEST	4/09/2014 4/16/2014 B17 Men's room/12"x12" Pink Vi	Pink Pink	0% 0.0% Non-A	100% 100% sbestos	None Detected None Detected	Lab Sample ID:	041408926-0017
TEM Grav. Reduction Client Sample ID: Sample Description: TEST	4/09/2014 4/16/2014 B17 Men's room/12"x12" Pink Vi Analyzed Date 4/09/2014	Pink Pink T Color	0% 0.0% Non-A Fibrous N	100% 100% sbestos lon-Fibrous	None Detected None Detected Asbestos	Lab Sample ID:	041408926-0017 041408926-0018
TEM Grav. Reduction Client Sample ID: Sample Description: TEST PLM Client Sample ID:	4/09/2014 4/16/2014 B17 Men's room/12"x12" Pink Vi Analyzed Date 4/09/2014	Pink Pink T Color Pink	0% 0.0% Non-A Fibrous N	100% 100% sbestos lon-Fibrous	None Detected None Detected Asbestos	Lab Sample ID:	
TEM Grav. Reduction Client Sample ID: Sample Description: TEST PLM Client Sample ID:	4/09/2014 4/16/2014 B17 Men's room/12"x12" Pink Vi Analyzed Date 4/09/2014	Pink Pink T Color Pink	0% 0.0% Non-A Fibrous N	100% 100% sbestos lon-Fibrous	None Detected None Detected Asbestos	Lab Sample ID:	
TEM Grav. Reduction Client Sample ID: Sample Description: TEST PLM Client Sample ID:	4/09/2014 4/16/2014 B17 Men's room/12"x12" Pink Vi Analyzed Date 4/09/2014 B18 Squad room/12"x12" Grey V	Pink Pink T Color Pink	0% 0.0% Non-A Fibrous N	100% 100% sbestos lon-Fibrous	None Detected None Detected Asbestos	Lab Sample ID:	
TEM Grav. Reduction Client Sample ID: Sample Description: TEST PLM Client Sample ID:	4/09/2014 4/16/2014 B17 Men's room/12"x12" Pink Vi Analyzed Date 4/09/2014	Pink Pink T Color Pink	0% 0.0% Non-A Fibrous N 0%	100% 100% sbestos lon-Fibrous 100%	None Detected None Detected Asbestos	Lab Sample ID:	
PLM Client Sample ID: Sample Description:	4/09/2014 4/16/2014 B17 Men's room/12"x12" Pink Vi Analyzed Date 4/09/2014 B18 Squad room/12"x12" Grey \ Analyzed	Pink Pink Color Pink	0% 0.0% Non-A Fibrous N 0%	100% 100% sbestos lon-Fibrous 100%	None Detected None Detected Asbestos None Detected	Lab Sample ID: Comment Lab Sample ID:	



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Customer PO: Project ID:

Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120

	_			* TICK = 1 / 1	0001110			
Client Sample ID:	B19	-					Lab Sample ID:	041408926-0019
Sample Description:	Squad r	oom/12"x12" Grey	√FT					
		Analyzed		Non-	-Asbestos			
TEST		Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM		4/09/2014	Gray	0%	100%	None Detected		
Client Sample ID:	B20						Lab Sample ID:	041408926-0020
Sample Description:	Squad r	oom/Mastic for B18						
		Analyzed		Non	-Asbestos			
TEST		Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM		4/09/2014	Black/Yellow	0%	100%	None Detected		
TEM Grav. Reduction		4/16/2014	Black /Yellow	0.0%	100%	None Detected		
Client Sample ID:	B21						Lab Sample ID:	041408926-0021
Sample Description:	Squad r	oom/Mastic for B19)					
		Analyzed	•	Non	-Asbestos	•		
TEST		Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM		4/09/2014	Black/Yellow	0%	100%	None Detected		
Client Sample ID:	B22						Lab Sample ID:	041408926-0022
Sample Description:	Sheetro	ock						
		Analyzed		Non	-Asbestos			
TEST		Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM		4/09/2014	Brown/White	20%	80%	None Detected		
Client Sample ID:	B23	-					Lab Sample ID:	041408926-0023
Sample Description:	Joint Co	ompound						
		Analyzed		Non	-Asbestos			
TEST		Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM		4/09/2014	White	0%	100%	None Detected		

via EPA 600/R-93/116



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: Customer ID: 041408926 ATC52

Customer PO:

Project ID:

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

Andrew Castellano PLM (12)

Jillian Yurick PLM (16)

Peter Harrison TEM Grav. Reduction (7)

Reviewed and approved by:

Analyst(s):

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: 04/09/201421:52:39



041408926

3 Terri Lane Burlington, NJ 08016 www.atcassociates.com 609.386.8800

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

Fax 609.386.7951

Client:	Richard Stockton College	Samples Collected By: (Print & Sign)	Jim Heron (10 10	Date:	3/31//4
Project # / Task:	68.45719.0001	Samples Transported By: (Print & Sign)	1814 W. W.	Date:	
Facility/Bldg:	Police	Samples Received By: (Print & Sign)	set prop	Date:	1/4/14
Project Mgr.	John Lutz	Samples Analyzed By: (Print & Sign)		Date:	10.0

		Sample T	urnaround	l Timei		
24 Hours □	48 Hours	3	Days		Immediate 🗆	Hours 🗆
Contact Information &	Results Distribution:	□ Cell P	hone	☑Fax	☑E-Mail	
Name: John Lutz	Cell Phone: 609-5	71-7522	Fax: 60	9-386-7951	E-Mail: john.lu	tz@cardno.com

Sample		Friable		Location ·	Analysis	Result
Sample #	Type & Description of Material	Yes	Ņo.		Method	
B\$1	12x12 Blevinyl Floor Tile		k	Rn. 620	PLM	
6062			Y		PLM	
Bø3	21x41 ScTu/ Small & Mod. Lunak FISSURES Pits	x		RM. 02\$	PLM	
B\$4	2:4: SCT uf Small & Med-Liner Fissurs Rits	¥		ALARM CLUSTER	PZM	
Bas	2'x4' SCTW/FISSURS	٧		KITCHEN	PLM	
BØ6	21/24' SCTW Fissures	K		RM. 0106	PLM	
BJ7	12"x12" Grey Mothled VFT		×	Kitchen	PLM	
698	12"x12" Grey MoHled VET		K		PZM	
B\$9	12"×12" GREEN YFT		V	HAZL	PLM	
1310	12" 12" GREEN YET		X	HALL	PLM	
BII	Black Mastic FUR GREN YFT END PAGRING UN FGRI		X	HALL	NOB NOB	
B12	END PACRING UN FGRI		Y	Utility Room	PLM	
1313	END PACKING ON FGPI		χ	Utility Room	PLM	
	Joint Compound		У		PLM	
	Sheetrock		χ		PLM	



3 Terri Lane Burlington, NJ 08016 www.atcassociates.com 609.386.8800

Fax 609.386.7951

ASBESTOS BULK SAMPLE CHAIN OF GUSTODY CINNAMINSON, N.J.

Client:	Richard Stockton College	Samples Collected By: (Print & Sign)	Jim Haropp Jiy De 10: 11	Date: 3/3///4
Project # / Task:	68, 45719.0001	Samples Transported By: (Print & Sign)		Date:
Facility/Bldg:	POLICE	Samples Received By: (Print & Sign)		Date:
Project Mgr.	John Lutz	Samples Analyzed By: (Print & Sign)		Date:

		Sample Turnaround Time:	The state of the s	A CONTRACTOR
24 Hours 🗆	48 Hours □	5 Days 🗘	Immediate 🗆	Hours 🗆
Contact Information &	Results Distribution:	☐ Cell Phone ☐ Fax	☑E-Mail	
Name: John Lutz	Cell Phone: 609-5	71-7522 Fax: 609-386-79	951 E-Mail: john.	utz@cardno.com

Sample	Type & D	escription of Material	Fria Yes	Section 14 HP a	Location	Analysis Method	Résult
316	12" 12"	PIMK VFT		¥	MEN'S ROOM	PLM	
B17	12" * 12"	PINK VFT		x	MEN'S ROOM	PLM	785
1318	12"412"	Grey VFT		*	SOLAD ROOM		
1319	12"×12"	Cry VFT		Ħ			
320		For B18	1.40	χ			
B21		c Fox 1319		Х	4 7	V	
B22	Sheet	rock		/		PLM	
B23	l	Compand		۲		PLM	
			7.9 G				

Special Instructions:

APPENDIX B

SUMMARY OF ASBESTOS CONTAINING BUILDINGS

BULK MATERIAL SAMPLING ANALYTICAL RESULTS &
CHAIN OF CUSTODIES

BUILDING A



200 Route 130 North, Cinnaminson, NJ 08077 (800) 220-3675 / (856) 786-5974

http://www.EMSL.com

cinnasblab@EMSL.com

EMSL Order: CustomerID:

041410709 ATC52

CustomerPO:

ProjectID:

Attn: John Lutz Cardno ATC 3 Terri Lane

Bromley Corp Center Burlington, NJ 08016

Phone:

(609) 386-8800

Fax:

(609) 386-7951

Received:

04/21/14 2:30 PM

Analysis Date:

4/28/2014

Collected:

4/17/2014

Project: Richard Stockton College/ 68.45719.0001/Bldg A

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

Non-Asbestos **Asbestos** % Type Description **Appearance** Fibrous % Non-Fibrous Sample **None Detected** 85% Non-fibrous (other) A104 - Sheetrock Brown 15% Cellulose B₀1 **Fibrous** 041410709-0001 Homogeneous **None Detected** A005 - Sheetrock White 15% Cellulose 80% Non-fibrous (other) B02 **Fibrous** 5% Glass 041410709-0002 Homogeneous **None Detected** 100% Non-fibrous (other) B03 A104 - Joint White Compound Non-Fibrous 041410709-0003 Homogeneous 100% Non-fibrous (other) **None Detected** A005 - Joint White B04 Compound Non-Fibrous 041410709-0004 Homogeneous None Detected AA001 - 12"x12" 100% Non-fibrous (other) B05 Beige Beige VFT (Tile Non-Fibrous 041410709-0005 Only) Homogeneous 100% Non-fibrous (other) **None Detected** AA002 - 12"x12" B06 Beige Beige VFT Non-Fibrous 041410709-0006 Homogeneous 100% Non-fibrous (other) **None Detected** B07 AA002 - Black Black VFT Mastic Non-Fibrous 041410709-0007 Homogeneous

Analyst(s)

Felix Anusiem (3) Patrick Carr (4)

Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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Initial report from 04/28/2014 12:13:10

041410709

3 Terri Lane Burlington, NJ 08016 www.atcassociates.com 609.386.8800

Shaping the Future

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

Fax 609.386.7951

Client:	Richard Stockton College	Samples Collected By: (Print & Sign)	Jim Heron Jan	Date:	
Project # / Task:	68.45719,0001	Samples Transported By: (Print & Sign)		Date:	
Facility/Bldg:	inf -	Samples Received By: (Print & Sign)	AM WI 2:30	Date:	4/21/14
Project Mgr.	John Lutz	Samples Analyzed By: (Print & Sign)		Date:	

	The second of th	Sample T	urnaround Time:			A Company of the Comp
24 Hours 🏻	48 Hours □		Days 🗆	Immediate		Hours 🗆
Contact Information &	☐ Cell Phone ☐ Fax		⊠E-Mail			
Name: John Lutz	Cell Phone: 609-5	71-7522	Fax: 609-386-7951	E-Mail: john.lutz@cardno.com		

Sample			able	Location	Analysi	s Result
#	Type & Description of Material	Yes	No	Location	Method	
B&1	Sheetrock		*	A104	PLM	
1362			x	A005		
B&3	Joint Compound		×	A104		
MU			x	4005		
B\$5	12" 12" Beige VFT		~	AA 001		
B\$6	12" *12" Beige VFT (TILE ONLY) 12" *12" BETGE VFT		Y	AA ØØ 1 AA ØØ 2 AA ØØ 2		
BX7	BLACK VPT MASTIC		×	AAØØZ	CINNAMI July APR 2	
B\$7					CINNAMINSON.	
Jan				•	1. 1 25	
				·	¥. ↓.8	
	3					

Special Instructions:

BUILDING B



200 Route 130 North, Cinnaminson, NJ 08077 (800) 220-3675 / (856) 786-5974 Phone/Fax:

http://www.EMSL.com

cinnasblab@EMSL.com

EMSL Order:

041410713

CustomerID:

ATC52

CustomerPO: ProjectID:

John Lutz **Cardno ATC** 3 Terri Lane

> **Bromley Corp Center Burlington, NJ 08016**

Phone:

(609) 386-8800

Fax:

(609) 386-7951

Received:

04/21/14 2:30 PM

Analysis Date:

4/24/2014

Collected:

4/17/2014

Project: Richard Stockton College / 68.45719.0001 / Bldg. B

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

				Non-Ash	<u>estos</u>	<u>Asbestos</u>	
Sample	Description	Appearance	<u>%</u>	Fibrous	% Non-Fibrous	% Type	
B05	Above 2nd level	White	80%	Glass	10% Ca Carbonate	None Detected	
041410713-0001	SCT - Spray-on surfacing	Fibrous Homogeneous			10% Non-fibrous (other)		
B06	Ext. perimeter	White	<1%	Cellulose	5% Ca Carbonate	None Detected	
041410713-0002	walls - Spray-on surfacing	Fibrous Homogeneous	84%	Glass	11% Non-fibrous (other)	·	
B07	Ext. perimeter	White	90%	Min. Wool	2% Ca Carbonate	None Detected	
041410713-0003	walls - Spray-on surfacing	Fibrous Homogeneous			8% Non-fibrous (other)	· .	
B08	Ext. perimeter	White	<1%	Cellulose	10% Ca Carbonate	None Detected	
041410713-0004	walls - Spray-on surfacing	Fibrous Homogeneous	80%	Glass	10% Non-fibrous (other)		
B09	Ext. perimeter	White	<1%	Cellulose	10% Ca Carbonate	None Detected	
041410713-0005	walls - Spray-on surfacing	Fibrous Homogeneous	76%	Glass	14% Non-fibrous (other)		
B10	Ext. perimeter	White	90%	Min. Wool	5% Ca Carbonate	None Detected	
041410713-0006	walls - Spray-on surfacing	Fibrous Homogeneous			5% Non-fibrous (other)		
B11	Ext. perimeter	White	4%	Cellulose	10% Ca Carbonate	None Detected	
041410713-0007	walls - Spray-on surfacing	Fibrous Homogeneous	76%	Glass	10% Non-fibrous (other)		
B12	Hall by B104 - 2'x4'	Gray	44%	Cellulose	10% Ca Carbonate	None Detected	
041410713-0008	SCT w/fissures	Fibrous	24%	Min. Wool	10% Perlite		
0.,, , 0 0000		Homogeneous			12% Non-fibrous (other)		

Analyst(s)

Colin Slattery (11) Nicholas Maslowski (3) Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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http://www.EMSL.com

cinnasblab@EMSL,com

EMSL Order:

041410713

CustomerID:

ATC52

CustomerPO: ProjectID:

Attn: John Lutz Cardno ATC 3 Terri Lane

> **Bromley Corp Center Burlington, NJ 08016**

Phone:

(609) 386-8800

Fax:

(609) 386-7951

Received: Analysis Date: 04/21/14 2:30 PM

4/24/2014

Collected:

4/17/2014

Project: Richard Stockton College / 68.45719.0001 / Bldg. B

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

				Non-Asbes	stos		<u>Asbestos</u>	
Sample	Description	Appearance	% Fibro	ous	% Nor	ı-Fibrous	%	Туре
B13	Hall by B108 - 2'x4'	Gray	48% Cell	lulose	10%	Ca Carbonate		None Detected
041410713-0009	SCT w/fissures	Fibrous	24% Min	. Wool	5%	Perlite		
041410110-0003		Homogeneous			13%	Non-fibrous (other)		
B14	B126 - 2'x4' SCT	Gray	48% Cell	lulose	10%	Ca Carbonate		None Detected
041410713-0010	w/small & medium	Fibrous	24% Min	. Wool	5%	Perlite		
crates	Homogeneous			13%	Non-fibrous (other)			
B15	B104 - 2'x4' SCT	Gray	44% Cell	lulose	15%	Ca Carbonate		None Detected
041410713-0011	w/small & medium	Fibrous	20% Min	ı. Wool	10%	Perlite		
041410/13-0011	crates	Homogeneous			11%	Non-fibrous (other)		
B16	2nd level hall -	Gray	4% Cell	lulose	50%	Ca Carbonate	2%	Chrysotile
041410713-0012	Roof Drain Mud Fitting	Fibrous Homogeneous	32% Min	ı. Wool	12%	Non-fibrous (other)		
B17	2nd level hall -	Gray	8% Cell	lulose	50%	Ca Carbonate	2%	Chrysotile
041410713-0013	Roof Drain Mud Fitting	Fibrous Homogeneous	28% Min	ı. Wool	12%	Non-fibrous (other)		
B18	2nd level hall -	Gray	40% M in	ı. Wool	4%	Quartz	2%	Chrysotile
041410713-0014	Roof Drain Mud	Fibrous			50%	Ca Carbonate		
	Fitting	Homogeneous			4%	Non-fibrous (other)		

Analyst(s)

Colin Slattery (11) Nicholas Maslowski (3) Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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041410713

3 Terri Lane Burlington, NJ 08016 www.atcassociates.com 609.386.8800

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ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

Fax 609.386.7951

Client:	Richard Stockton College	Samples Collected By: (Print & Sign)	Jim Heron Jan	Date: 4/17//4
Project # / Task:	68,45719,0001	Samples Transported By: (Print & Sign)		Date:
Facility/Bldg:	1 "B"	Samples Received By: (Print & Sign)	Chemas)	Date: 4/21/1423
Project Mgr.	John Lutz	Samples Analyzed By: (Print & Sign)		Date:

24 Hours 🗆	48 Hours 🗆 🗎 🗲		mmediate 🗆 Hours 🗆
Contact Information &	Results Distribution:	Phone	☑E-Mail
Name: John Lutz	Celi Phone: 609-571-7522	Fax: 609-386-7951	E-Mail: john.lutz@cardno.com

企业的	Type & Description of Material	Yes	No	Location	Method	Result
B01	Sheetrock		۶	Hall By B101	PLM	
302			У			
303	Joint Compound		y	Hall By BIOI		
304			K	Hall By BODS		
3Ø5	SPRAY-ON SURFACENG	۲		Arove 2 no Levez SCT		
306		۲				
3ø7		k		WALLS)		
3ø8		×			2014	
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311		Y	and the second	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	*	
312	244' SCTW/ FISSURES	¥		Hall By B104		
B13		χ		Hall By Blo8		
B14	2'x4' SCT W/ Small & Madium Craters	۴		B126		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
B15		×		B104		
	362 363 364 365 366 367 369 316 312 312 313	302 303 Joint Compound 304 305 SPRAY-ON SURFACENG 306 307 308 319 312 2'x4' SCT W/ FISSURES 313	302 303 Joint Compound 304 305 SPRAY-ON SURFACENG X 306 307 X 308 X 309 X 319 312 2'x4' SCT w/ Fissures X 313 2'x4' SCT w/ Scrt w/ Small 4 Modium Crafers F 315 X	302 303 Joint Compound 4 304 505 Spray-ON SIRFACEN 6 X 506 508	Hall By BOO5 Hall By BIO1 Hall By BIO1 Hall By BOO5 K Hall By BIO4 Hall By BIO4	Hall By BODS K HALLS) K HALLS) K HALLS K HALL BY BIOH K HALL BY

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ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

3 Terri Lane Burlington, NJ 08016 www.atcassociates.com 609.386.8800

Fax 609.386.7951

Client:	Richa	rd Stoc	kton Co	llege		(Print &	s Collect & Sign)		Jim H	eron Ç	myla	/ E)ate: 4/	17//4
Project # / Tasl	68	.45	710	1.00	30 T	(Print &	& Sign)	orted By:				E	Date;	
Facility/Bldg:		"[3				(Print &	s Receiv & Sign)					r	Date;	
Project Mgr.	John	Lutz				Sample (Print é	s Analyz	zed By:				r	Date:	
			Tamingly Ass.	9375 - 477,000	2/23/4/22/2017 - 9/2/1				ravisas Arreyas	. ********		2 07401577	NESSELE INCOME.	928.S20.0
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24 Hou	irs ப formation				: I	Cell		ys yr ☑Fa		⊠E-Mai		1 22042		
Name: John					09-571-7	1522	Fax	: 609-380	6-7951	E-Ma	il: john.lu	tz@car	ino.com	
					September Processes		58.98 N.F. (98.	SECTO STREET	10 22 70 9 1	sa na sidokasa	17 Table 14 at 186 1.3	31-31-31-31-11-11-11-11-11-11-11-11-11-1	i sa commu	12 (31%)
Sample #	der problem		iption o			Fria Yes	ible No		J	ocation			'Analysis Method	Resu
316	Roof C)win	Mud	F;H	ing	×	September	245) LEW	er l	<i>fall</i>		PLM	
317										1				
B18			$V_{}$							1			<u> </u>	
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BUILDING C



200 Route 130 North, Cinnaminson, NJ 08077 (800) 220-3675 / (856) 786-5974 Phone/Fax:

http://www.EMSL.com

cinnasblab@EMSL.com

EMSL Order:

041410758

CustomerID:

ATC52

CustomerPO:

ProjectID:

Attn: John Lutz **Cardno ATC** 3 Terri Lane

Bromley Corp Center Burlington, NJ 08016 Phone:

(609) 386-8800

Fax:

(609) 386-7951

Received:

04/21/14 2:30 PM

Analysis Date:

4/28/2014

Collected:

4/17/2014

Project: Richard Stockton College 68.45719.0001 bldg C

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

				Non-Asb	<u>estos</u>	<u>Asbestos</u>		
Sample _	Description	Appearance	%	Fibrou <u>s</u> _	% Non-Fibrous	%	Туре	
B01	Hall by C116 -	White	70%	Min. Wool	30% Non-fibrous (other)		None Detected	
041410758-0001	Roof Drain Fitting	Fibrous Homogeneous						
B02	Hall by C150 -	White	70%	Min. Wool	30% Non-fibrous (other)		None Detected	
041410758-0002	Roof Drain Fitting	Fibrous Homogeneous		·				
B03	C134 - Roof Drain	White	55%	Min. Wool	45% Non-fibrous (other)		None Detected	
041410758-0003	Fitting	Fibrous Homogeneous				_		
B04	CC005 - 3" Mud	White	50%	Min. Wool	47% Non-fibrous (other)	3%	Chrysotile	
041410758-0004	Fitting on Fiberglass Pipe Insulation	Fibrous Homogeneous			·		_	
B05	CC005 - 3" Mud	White	50%	Min. Wool	47% Non-fibrous (other)	3%	Chrysotile	
041410758-0005	Fitting on Fiberglass Pipe Insulation	Fibrous Homogeneous						
B06	CC005 - 3" Mud	White	40%	Min. Wool	55% Non-fibrous (other)	5%	Chrysotile	
041410758-0006	Fitting on Fiberglass Pipe Insulation	Fibrous Homogeneous						
B07	Hall by C136 - 2'x	Gray/White	50%	Cellulose	20% Non-fibrous (other)		None Detected	
041410758-0007	4' SCT with Fissures	Fibrous Homogeneous	30%	Min. Wool				
B08	C134 - 2'x 4' SCT	Gray/White	50%	Cellulose	20% Non-fibrous (other)		None Detected	
041410758-0008	with Fissures	Fibrous Homogeneous	30%	Min. Wool				

Analyst(s)

Brittany Brown (10) Shane Feret (20)

Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (800) 220-3675 / (856) 786-5974

http://www.EMSL.com

cinnasblab@EMSL.com

EMSL Order:

041410758

CustomerID:

ATC52

CustomerPO: ProjectID:

Attn: John Lutz Cardno ATC 3 Terri Lane **Bromley Corp Center Burlington, NJ 08016**

Phone:

(609) 386-8800

Fax:

(609) 386-7951

Received:

04/21/14 2:30 PM

Analysis Date:

4/28/2014

Collected:

4/17/2014

Project: Richard Stockton College 68.45719.0001 bldg C

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

				Non-Asb	<u>estos</u>	<u>Asbestos</u>		
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	%	Туре	
B09 041410758-0009	Exterior - CC Trash Enclosure Wall - Transite . Panel	Gray/White Fibrous Homogeneous	-		85% Non-fibrous (other)	15%	Chrysotile	
B10 041410758-0010	Exterior - CC Trash Enclosure Wall - Transite Panel	Gray Fibrous Homogeneous			80% Non-fibrous (other)	20%	Chrysotile	
B11 041410758-0011	CC005 - 4" Mud FTG on FGPI	White Fibrous Homogeneous	30% 40%	Min. Wool Cellulose	28% Non-fibrous (other)	2%	Chrysotile	
B12 041410758-0012	CC005 - 4" Mud FTG on FGPI	White Fibrous Homogeneous	50%	Min. Wool	48% Non-fibrous (other)	2%	Chrysotile	
B13 041410758-0013	CC005 - 4" Mud FTG on FGPI	White Fibrous Homogeneous	30%	Min. Wool	66% Non-fibrous (other)	4%	Chrysotile	
B14 041410758-0014	CC005 - 6" Mud FTG on FGPI	White Fibrous Homogeneous			90% Non-fibrous (other)	10%	Chrysotile	
B15 041410758-0015	CC005 - 6" Mud FTG on FGPI	White Fibrous Homogeneous			90% Non-fibrous (other)	10%	Chrysotile	
B16 041410758-0016	CC005 - 6" Mud FTG on FGPI	White Fibrous Homogeneous	25%	Min. Wool	65% Non-fibrous (other)	10%	Chrysotile	

Analyst(s)

Brittany Brown (10) Shane Feret (20)

Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (800) 220-3675 / (856) 786-5974

http://www.EMSL.com

cinnasblab@EMSL.com

EMSL Order:

041410758

ATC52

CustomerID:

CustomerPO: ProjectID:

John Lutz Cardno ATC

> 3 Terri Lane **Bromley Corp Center Burlington, NJ 08016**

Phone:

(609) 386-8800

Fax:

(609) 386-7951

Received:

04/21/14 2:30 PM

Analysis Date:

4/28/2014

Collected:

4/17/2014

Project: Richard Stockton College 68.45719.0001 bldg C

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

Non-Asbestos **Asbestos** % Type Non-Fibrous Description **Appearance Fibrous** Sample 85% Non-fibrous (other) 15% Chrysotile White CC005 - Above Ceiling - Tank **Fibrous** 041410758-0017 Insulation Homogeneous 4700080090 15% Chrysotile 85% Non-fibrous (other) CC005 - Above White **B18** Ceiling - Tank **Fibrous** 041410758-0018 Insulation Homogeneous 4700080090 17% Chrysotile 83% Non-fibrous (other) CC005 - Above White B19 Ceiling - Tank **Fibrous** 041410758-0019 Insulation Homogeneous 4700080090 None Detected 30% Non-fibrous (other) Above SCT - Ext. White 70% Glass B20 Perimeter Wall -**Fibrous** 041410758-0020 Spray-on Coating Homogeneous **None Detected** Above SCT - Ext. White 70% Glass 30% Non-fibrous (other) Perimeter Wall -Fibrous 041410758-0021 Spray-on Coating Homogeneous 70% Glass **None Detected** 30% Non-fibrous (other) B22 Above SCT - Ext. White Perimeter Wall -**Fibrous** 041410758-0022 Spray-on Coating Homogeneous **None Detected** 30% Non-fibrous (other) Above SCT - Ext. White 70% Glass B23 Perimeter Wall -Fibrous 041410758-0023 Spray-on Coating Homogeneous 30% Non-fibrous (other) **None Detected** Above SCT - Ext. 70% Glass White B24 Perimeter Wall -**Fibrous** 041410758-0024 Spray-on Coating Homogeneous

Analyst(s)

Brittany Brown (10) Shane Feret (20)

Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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200 Route 130 North, Cinnaminson, NJ 08077 (800) 220-3675 / (856) 786-5974

http://www.EMSL.com

cinnasblab@EMSL.com

EMSL Order: CustomerID:

041410758

ATC52

CustomerPO: ProjectID:

Attn: John Lutz Cardno ATC 3 Terri Lane

Bromley Corp Center Burlington, NJ 08016

Phone:

(609) 386-8800

Fax:

(609) 386-7951

Received:

04/21/14 2:30 PM

Analysis Date:

4/28/2014

Collected:

4/17/2014

Project: Richard Stockton College 68.45719.0001 bldg C

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

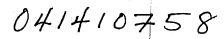
,				Non-Asb	estos	<u>Asbestos</u>
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
B25 041410758-0025	Above SCT - Ext. Perimeter Wall - Spray-on Coating	White Fibrous Homogeneous	70%	Glass	30% Non-fibrous (other)	None Detected
B26 041410758-0026	Above SCT - Ext. Perimeter Wall - Spray-on Coating	White Fibrous Homogeneous	85%	Glass	15% Non-fibrous (other)	None Detected
B2 7 041410758-0027	Hall by C101 - Sheetrock	White Fibrous Homogeneous	15%	Cellulose	85% Non-fibrous (other)	None Detected
B28 041410758-0028	Electrical Room - Sheetrock	White Fibrous Homogeneous	10%	Cellulose	90% Non-fibrous (other)	None Detected
B29 041410758-0029	Hall by C101 - Joint Compound	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B30 041410758-0030	Electrical Room - Joint Compound	White Non-Fibrous Homogeneous	·		100% Non-fibrous (other)	None Detected

Analyst(s)

Brittany Brown (10) Shane Feret (20)

Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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3 Terri Lane Burlington, NJ 08016 www.atcassociates.com 609.386.8800

Shaping the Future

Cardno ATC

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

Fax 609.386.7951

Client:	Richard Stockton College	Samples Collected By: (Print & Sign)	Jim Heron Jan for	Date:	4/17/14
Project # / Task:	68.45719.0001	Samples Transported By: (Print & Sign)	20	Date:	,
Facility/Bldg:	·c·	Samples Received By: (Print & Sign)	Collem (WD)	Date:	4/21/14 230
Project Mgr.	John Lutz	Samples Analyzed By: (Print & Sign)		Date:	

	Sámple	Turnaround/Ime:		
24 Hours □	48 Hours □ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Days Da	Immediate 🗆	Hours 🗆
Contact Information & R	tesults Distribution: 🗆 Cel	1 Phone	⊠E-Mail	
Name: John Lutz	Cell Phone: 609-571-7522	Fax: 609-386-7951	E-Mail: john.lu	tz@cardno.com

Sample #	Type & Description of Material	Fria Yes	ible. No	Location	Ana Mei	lysis hod	Result
BØI	Roof Drain Fitting	×		Hall By C116	PL.	M	
B02		¥		Hall By C156			
803		٧		C134			
P384	Fiberglass Pro Insulation	¥		CC045			
Bøs		γ		cc ØØ5			
BØ6		x		cc005			
BØ7	7'r45CTW Fissures	X.		Hall By C136			
B08		X		C134	2014	0	
BØ9	TRANSITE PANEL	*	×	ENTERIOR - CC TRASH ENCLOSURE WALL	APR 2	NNAMINS	120 120 120
Bio	V	13.00	κ	V	ū	MSON,	ini L
BII	4' MUDFIG. ON FGPI	K		cc005	ψ φτ	#.J.	
B12		Y		CC 005			
BB		k		cc445			
B14	6'MUDFTG, ONFGPI	*	100000000000000000000000000000000000000	CC \$05			
B15		X		cc 005		<u></u>	



Shaping the Future

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

3 Terri Lane Burlington, NJ 08016 www.atcassociates.com 609.386.8800

Fax 609.386.7951

Client:	Richard Stock		(Print &			Jim He	ron Jin	the !	Date:	4/1	7/14
Project # / Task	68.45=	119.001	Sample (Print &	s Transp & Sign)	orted By:				Date:		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Facility/Bldg:	((Print &						Date:		<u>:</u>
Project Mgr.	John Lutz		Sample (Print &	s Analy: & Sign)	zed By:				Date:	<u>l</u> _	
I .		Sa	mpleA	urnar	ound Kin	1e:		* 77		cie v	
24 Hou		18 Hours 🗆	(3	Da	ys 🛂	I	mmediate	□ Hou	rs 🗆		
Contact Inf Name: John	ormation & Resul	ts Distribution: L Cell Phone: 609-571-7	1 Cell 522	_	☑Fa		ZE-Mail E-Mail:	john.lutz@ca	rdno.c	om	<u> </u>
Name, John	Lutz				BUSCOME AND AND AND	a language way	Section and include	Sent the true is a set with a relative	To asses	2.50mm	*# \$5 # \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Sample #		ption of Material	Fria Yes	ible No		L	ocation			ilysis thod	Resul
B16 6	S' MUD FTG	on fGPI	X		C C	ada	5		PL	M	
	TANK INSCLI	9 0 9 0	٧		CC 8	%5- 	Abov	e 9		e de la composition della comp	
B18			Y								
B19	V		X		<u> </u>					/ 1	
B2×	SPRAY-UN	COATNG	γ		ABON	E SO	T- Ex YER	WALL			
B21		um ekonomie w stanom kwali Propinsi malamatan Propinsi malamatan kwali	×	and the second				<u> </u>	107		
B22			x			-			APR 2	HHAMI	717 717
B23			χ	and the same of th					ס	HSO:	H3. V V
B24			×						3. 5.	7. ' . '	
B24 B25			Х		<u> </u>						- 11 (1) - 12 (1) - 12 (1) (1)
B26		V	K			1	•	<u> </u>		1	
	Sheetrack	· •		γ	Hal	1 B	1 C	191			
B27 B28				7	Ele	oc tri	al k	loom_		**:**	
BZ9	Joint Co	mound		X	Ital	11 Bu	<u> </u>	10/			
R30				X	Elec	Aria	al Ro	me		1	

BUILDING D



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http://www.EMSL.com

cinnasblab@EMSL.com

EMSL Order:

041410704

CustomerID:

ATC52

CustomerPO: ProjectID:

ttn: John Lutz Cardno ATC 3 Terri Lane Bromley Corp

Bromley Corp Center Burlington, NJ 08016 Phone:

(609) 386-8800

Fax:

(609) 386-7951

Received:

04/21/14 2:30 PM

Analysis Date:

4/24/2014

Collected:

4/17/2014

Project:

Richard Stockton College / 68.54719.0001/ Bldg. D

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			<u>Non-As</u>	bestos	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
01 041410704-0001	Hall By D017 - Sheetrock	Brown/Gray Fibrous Homogeneous	8% Cellulose	80% Gypsum 12% Non-fibrous (other)	None Detected
02 041410704-0002	Hall By D102 - Sheetrock	Brown/Gray Fibrous Homogeneous	8% Cellulose <1% Glass	80% Gypsum 12% Non-fibrous (other)	None Detected
03 041410704-0003	Hall By D017 - Joint Compound	White Non-Fibrous Homogeneous	<1% Cellulose	90% Ca Carbonate 10% Non-fibrous (other)	None Detected
04 041410704-0004	Hall By D102 - Joint Compound	White Non-Fibrous Homogeneous	2% Cellulose	85% Ca Carbonate 13% Non-fibrous (other)	None Detected
05 041410704-0005	Hall By D130 - Roof Drain End Cap	White/Yellow Fibrous Homogeneous	44% Cellulose 44% Glass	12% Non-fibrous (other)	None Detected
06 041410704-0006	Hall By D102 - Roof Drain End Cap	White/Yellow Fibrous Homogeneous	48% Cellulose 40% Glass	12% Non-fibrous (other)	None Detected
07 041410704-0007	Hall By D102 - Roof Drain End Cap	White/Yellow Fibrous Homogeneous	15% Cellulose 80% Min. Wool	5% Non-fibrous (other)	None Detected
08 041410704-0008	Hall By D130 - Roof Drain Mud Elbow	Gray Fibrous Homogeneous	<1% Cellulose 36% Min. Wool	50% Ca Carbonate 14% Non-fibrous (other)	<1% Chrysotile

Analyst(s)

Colin Slattery (12) Nicholas Maslowski (3) Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (800) 220-3675 / (856) 786-5974

http://www.EMSL.com

cinnasblab@EMSL.com

EMSL Order: CustomerID:

041410704

ATC52

CustomerPO: ProjectID:

John Lutz **Cardno ATC** 3 Terri Lane **Bromley Corp Center** Burlington, NJ 08016 Phone:

(609) 386-8800

Fax:

(609) 386-7951

Received:

04/21/14 2:30 PM

Analysis Date:

4/24/2014

Collected:

4/17/2014

Project: Richard Stockton College / 68.54719.0001/ Bldg. D

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

Non-Asbestos

<u>Asbestos</u>

Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	%	Туре
09 041410704-0009	Hall By D102 - Roof Drain Mud Elbow	Gray Fibrous Homogeneous	32%	Min. Wool	5% Quartz 50% Ca Carbonate 13% Non-fibrous (other)	<1%	Chrysotile
10 041410704-0010	Hall By D102 - Roof Drain Mud Elbow	Gray Fibrous Homogeneous	30%	Min. Wool	2% Quartz 65% Ca Carbonate 3% Non-fibrous (other)	<1%	Chrysotile
11 041410704-0011	Above Sct-Along Exterior Wall - Spray On Material	White Fibrous Homogeneous		Cellulose Glass	15% Ca Carbonate 11% Non-fibrous (other)		None Detected
12 041410704-0012	Above Sct-Along Exterior Wall - Spray On Material	White Fibrous Homogeneous	80%	Glass	10% Ca Carbonate 10% Non-fibrous (other)		None Detected
13 041410704-0013	Above Sct-Along Exterior Wall - Spray On Material	White Fibrous Homogeneous	85%	Min. Wool	8% Ca Carbonate 7% Non-fibrous (other)		None Detected
14 041410704-0014	Above Sct-Along Exterior Wall - Spray On Material	White Fibrous Homogeneous		Cellulose Glass	15% Ca Carbonate 11% Non-fibrous (other)		None Detected
15 041410704-0015	Above Sct-Along Exterior Wall - Spray On Material	White Fibrous Homogeneous	• • • •	Cellulose Glass	15% Ca Carbonate 13% Non-fibrous (other)		None Detected

Analyst(s)

Colin Slattery (12) Nicholas Maslowski (3) Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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3 Terri Lane Burlington, NJ 08016 www.atcassoclates.com 609.386.8800

Fax 609.386.7951

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

Client:	Richard Stockton College	Samples Collected By: (Print & Sign)	Jim Heron Jan Vor	Date:	4/17/14
Project # / Task:	68, 45719, 0001	Samples Transported By: (Print & Sign)		Date:	
Facility/Bldg:	"D"	Samples Received By: (Print & Sign)	Chler (WI)	Date:	4/21/14230
Project Mgr.	John Lutz	Samples Analyzed By: (Print & Sign)		Date:	

	Sample.'	Tur paround Time:	
24 Hours □	48 Hours □		Immediate □ Hours □
Contact Information &	Results Distribution: Cell	Phone	☑E-Mail
Name: John Lutz	Cell Phone: 609-571-7522	Fax: 609-386-7951	E-Mail: john.lutz@cardno.com

Sample #	Type & Description of Material	Fria Yes	ible No	Location ·	Analysis Method	Result
ø١	Sheetrock		۲	Hall By DOLFF	PLM	
Ø2			γ	Hall By DIDZ		
03	Joint Compound		Y	Hall By DOIT		
34	V		X	Hall By DIBZ	\ \ <u>\</u>	
Ø5	Roof Orain End Cap	4		Hall By D130		
06		¥		Hall By DXD2		
07		λ.				
Ø8	Roof Drain Mid Elbow	Y	75 x	Hall By DI36	20 C	
ø9		Y		Hall By Dix2	CINNA P	
10		r		1	L P	
11	SPRAYON MATERIAL	Y		Above SCT-Along Conference wall		
12		k				
13		X				
14		γ				
15		٧				
Special In	structions: Page	1 Of		1	(12 (MD

BUILDING E



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http://www.EMSL.com

cinnasblab@EMSL.com

EMSL Order:

041410711

CustomerID:

ATC52

CustomerPO:

ProjectID:

Attn: John Lutz
Cardno ATC
3 Terri Lane

Bromley Corp Center Burlington, NJ 08016

Phone:

(609) 386-8800

Fax:

(609) 386-7951

Received:

04/21/14 2:30 PM

Analysis Date:

4/27/2014

Collected:

4/17/2014

Project: Richard Stockton College/ 68.45719.0001/Bldg E

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

				Non-Asb	estos	<u>Asbestos</u>	
ample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type	
B01 041410711-0001	E053 - 2'x4' Sct w/Rough Sandpaper Texture	White Fibrous Homogeneous	40% 45%		15% Non-fibrous (other)	None Detected	
B02 041410711-0002	E056 - 2'x4' Sct w/Rough Sandpaper Texture	White Fibrous Homogeneous	40% 40%		20% Non-fibrous (other)	None Detected	
B03 041410711-0003	E001 - 2'x4' Sct w/Rough Sandpaper Texture	Gray/White Fibrous Homogeneous	40% 45%	Cellulose Min. Wool	15% Non-fibrous (other)	None Detected	
B04 041410711-0004	E053 - 2'x4' Sct w/Paralell Lines	White Fibrous Homogeneous	35% 45%		20% Non-fibrous (other)	None Detected	
B05 041410711-0005	E001 - 2'x4' Sct w/Paralell Lines	White Fibrous Homogeneous	40% 45%	Cellulose Min. Wool	15% Non-fibrous (other)	None Detected	
B06 041410711-0006	E117 - 2'x4' Sct w/Paralell Lines	Gray/White Fibrous Homogeneous	50% 45%	-	5% Non-fibrous (other)	None Detected	
B07 041410711-0007	EE107 - Sheetrock	White Fibrous Homogeneous	25%	Cellulose	75% Non-fibrous (other)	None Detected	
B08 041410711-0008	E056 - Sheetrock	White Fibrous Homogeneous	25% 3%		72% Non-fibrous (other)	None Detected	

Analyst(s)

Felix Anusiem (18) Thomas Schwab (12) 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, PA ID# 68-00367



Attn: John Lutz

Cardno ATC

3 Terri Lane

Bromley Corp Center

Burlington, NJ 08016

EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077 (800) 220-3675 / (856) 786-5974 Phone/Fax:

http://www.EMSL.com

cinnasblab@EMSL.com

EMSL Order:

041410711 ATC52

CustomerID: CustomerPO:

ProjectID:

Fax: Received:

Phone:

(609) 386-8800 (609) 386-7951

Analysis Date:

04/21/14 2:30 PM

4/27/2014

Collected:

4/17/2014

Project: Richard Stockton College/ 68.45719.0001/Bldg E

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

				Non-Asb	<u>Asbestos</u>	
Sample	Description	Appearance	<u>%</u>	Fibrous	% Non-Fibrous	% Type
B09 041410711-0009	E117 - Sheetrock	White Fibrous Homogeneous	10% 5%		85% Non-fibrous (other)	None Detected
B10 041410711-0010	EE107 - Joint Compound	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B11 041410711-0011	E056 - Joint Compound	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B12 041410711-0012	E117 - Joint Compound	Gray/White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B13 041410711-0013	Mer E0379 - 12"x12" Grey VFT (Floor Tile Only)	Gray Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B14 041410711-0014	Mer E0379 - 12"x12" Grey VFT (Floor Tile Only)	Gray Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B15 041410711-0015	Hall By EE103A - 2'x4' Sct w/Small & Medium Craters	White Fibrous Homogeneous	40% 45%		15% Non-fibrous (other)	None Detected
B16 041410711-0016	E299 - 2'x4' Sct w/Small & Medium Craters	Gray/White Fibrous Homogeneous	45% 45%		10% Non-fibrous (other)	None Detected

Analyst(s)

Felix Anusiem (18) Thomas Schwab (12) Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (800) 220-3675 / (856) 786-5974

http://www.EMSL.com

cinnasblab@EMSL.com

EMSL Order:

041410711 ATC52

CustomerID:

CustomerPO:

ProjectID:

Attn: John Lutz **Cardno ATC** 3 Terri Lane **Bromley Corp Center Burlington, NJ 08016**

Phone:

(609) 386-8800

Fax:

(609) 386-7951

Received:

04/21/14 2:30 PM

Analysis Date:

4/27/2014

Collected:

4/17/2014

Project: Richard Stockton College/ 68.45719.0001/Bldg E

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

				<u>Non-Asb</u>	<u>estos</u>	<u>Asbestos</u>	
Sample	Description	Appearance	<u>%</u>	Fibrous	% Non-Fibrous	% Type	
B17 041410711-0017	Booth Hall (EE203B) -	White Fibrous	35% 40%		25% Non-fibrous (other)	None Detected	
041410711-0017	12"x12" Gridlock Ceil Tile	Homogeneous					
B18	Booth Hall	Gray/White	50%	Cellulose	10% Non-fibrous (other)	None Detected	
041410711-0018	(EE203B) - 12"x12" Gridlock Ceil Tile	Fibrous Homogeneous	40%	Min. Wool			
B19	E219 - 2'x4'	White	45%	Cellulose	20% Non-fibrous (other)	None Detected	
041410711-0019	Fissured Susp Ceiling Tile	Fibrous Homogeneous	35%	Min. Wool			
B20	E219 - 2'x4'	Gray/White	45%	Cellulose	15% Non-fibrous (other)	None Detected	
041410711-0020	Fissured Susp Ceiling Tile	Fibrous Homogeneous	40%	Min. Wool			
B21	E103 - 12"x12"	Brown			100% Non-fibrous (other)	None Detected	
041410711-0021	Rust Brown VFT (Tile Only)	Non-Fibrous Homogeneous				· · · · · · · · · · · · · · · · · · ·	
B22	E103 - 12"x12"	Brown			100% Non-fibrous (other)	None Detected	
041410711-0022	Rust Brown VFT (Tile Only)	Non-Fibrous Homogeneous					
B23	F- 200 Level -	Gray/White	75%	Min. Wool	25% Non-fibrous (other)	None Detected	
041410711-0023	Roof Drain Filtering Insulation	Fibrous Homogeneous					
B24	F- 200 Level -	Gray/White	80%	Min. Wool	20% Non-fibrous (other)	None Detected	
041410711-0024	Roof Drain Filtering Insulatior	Fibrous Homogeneous					

Analyst(s)

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200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (800) 220-3675 / (856) 786-5974

http://www.EMSL.com

cinnasblab@EMSL.com

EMSL Order: CustomerID:

041410711

ATC52

CustomerPO: ProjectID:

Attn: John Lutz Cardno ATC 3 Terri Lane

Bromley Corp Center Burlington, NJ 08016 Phone:

(609) 386-8800

Fax:

(609) 386-7951

Received:

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Project: Richard Stockton College/ 68.45719.0001/Bldg E

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

			Non-Asi	<u>oestos</u>	<u>Asbestos</u>	
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Туре	
B25 041410711-0025	F- 200 Level - Roof Drain Filtering Insulation	Gray Fibrous Homogeneous	70% Min. Wool	30% Non-fibrous (other)	None Detected	
B26 041410711-0026	E-200 Level - Roof Drain Collar	White Non-Fibrous Homogeneous		92% Non-fibrous (other)	8% Chrysotile	
B2 7 041410711-0027	E-299 - Roof Drain Collar	White Non-Fibrous Homogeneous	·	93% Non-fibrous (other)	7% Chrysotile	
B28_ 041410711-0028	E-200 Level - Roof Drain Collar	Gray Fibrous Homogeneous	45% Min. Wool	47% Non-fibrous (other)	8% Chrysotile	
B29 041410711-0029	F103 - Grey Sink Undercoat	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected	
B30 041410711-0030	E103 - Grey Sink Undercoat	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected	

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Shaping the Future

3 Terri Lane Burlington, NJ 08016 www.atcassociates.com 609.386.8800

Fax 609.386.7951

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

Client:	Richard Stockton College	Samples Collected By: (Print & Sign)	Jim Heron Confle	Date:
Project # / Task:	68,45719.001	Samples Transported By: (Print & Sign)		Date:
Facility/Bldg:	"E"	Samples Received By: (Print & Sign)		Date:
Project Mgr.	John Lutz	Samples Analyzed By: (Print & Sign)		Date:

1. (2.11.22.11		SampleT	urnaround Time:		
24 Hours 🗆	48 Hours □	175	Days X1	Immediate 🗆	Hours 🗆
Contact Information &	Results Distribution:	VQ Cell I	Phone	☑ E-Mail	
Name: John Lutz	Cell Phone: 609-5	71-7522	Fax: 609-386-795	E-Mail: john.	lutz@cardno.com

	Sample	Type & Description of Material	Frla Yes	A CONTRACTOR OF	Liocation	Ana Me	lysis höd	Result
•	Bdl	21x41 SCT W/ ROUGH SANDPAPER TEXTURE	y		E053	PL	M	
•	B02		۶		E056			
	B\$3	V	X	9). 13	EOOI			
	B\$4	2'x4' SCT W/ APPARELL LINES	×		EØ53			
•	BØ5		×		E001		_	201.45
	M66	1 1	1		EH 760			
•	B&7	Sheetrock	Television of the second	x	EE107	261		
,	B\$8			k	E056	APR	CINNAMINS	<u></u>
,	B\$9	V		K	E117	2	HINSON.	Day Day
•	B10	Joint Compound		¥	EE 187	س ا	2	
•	BIL			k	E0 36			
•	B12	V		V	E117			
•	B13	12" FIZ" Grey VFT (Floor Tile Only)		x	MER E0379	-		
0	314	V (Floor Tile Only)		Х	1/		<u> </u>	
٠	1315	1 21111 SCT 4/ Smoll 11	K		Hall By EE 103A			

Special Instructions:

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ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

Fax 609.386.7951

Client:	Richard Stockton College	Samples Collected By: (Print & Sign)	Jim Heron Jim	Date:	4/17/14
Project # / Task:	68.45719.0001	Samples Transported By: (Print & Sign)		Date:	7 /
Facility/Bldg:	"E"	Samples Received By: (Print & Sign)	Chlem (WI)	Date:	4/21/1423
Project Mgr.	John Lutz	Samples Analyzed By: (Print & Sign)		Date:	

		Sample	Curnaround Thae:		
24 Hours	48 Hours □	1/5	Days 💆	Immediate 🗆	Hours 🗆
Contact Information & R	esults Distribution:	Ų Ćell	Phone MFax	☑ E-Mail	
Name: John Lutz	Cell Phone: 609-	571-7522	Fax: 609-386-7	951 E-Mail: john.l	utz@cardno.com

BIG 2001 South of Small 9 X E 299 BIT 12" NO2" Gridlack Coil. X Both Hall (EE203B) BIB X V BIB X X BIB X B		Sample :	Type & Description of Material	"Fri Yes	ible No	Location	Ana Mel		Result
BIT 12" N2" bridlack Coil. X Both Hall (EE2038) B18 B18 B19 2" x 4" Fissured Susp. & E219 B20 B21 B21 B21 B21 B21 B21 B21	,	B16	nedium Cratas	k		E 299	PL	4	
B18 B19 2'x41			12"x12" Gridlock Coil. Tile	χ		Booth Hall (EE203B)			
B20 B21 12"x12" RUT BROWN VET E 103 B21 12"x12" RUT BROWN VET E 103 B22 B23 Roof Prain Fiftighton E - 200 LEVEL B24 B25 Y B26 Roof Drain Gollar E - 200 LEVEL B27 B27 B27 B28 F299 B28 Grey Sink Undercoat X E 613 E193		B18		K		1 1			
B21 12" *12" RUT BROWN FT X E 103 B22 IN X V E E 103 B23 Roof Drain Fiftigetion X E - 200 LEVEL BE E E E E E E E E E E E E E E E E E	•	1319	2:x41 fissured Susp.	٨					
B27 X E-200 LEVEL BENETON X E-200 LEVEL BENETON X E-200 LEVEL BENETON X E-200 LEVEL BENETON X E-200 LEVEL B27 B27 X E-200 LEVEL B27 B28 X E-200 LEVEL B27 X E-200 LEVEL B27 B28 X E-200 LEVEL B27 X E-200 LEVEL B27 B28 X E-200 LEVEL B27 X E-200 LEVEL B27 B28 X E-200 LEVEL B27 X E-200 LEVEL B27 B28 X E-200 LEVEL B27 X E-200 LEVEL B27 B28 X E-200 LEVEL B27 X X X X X X X X X	٩	1320	₩ W			E219			<u>. 20</u> 5 1 2 2 5
B23 Roof Prain Fiftigation x F-200 LEVEL BATTERS B24 X D STATE STATE B25 X X E-200 LEVEL B26 Roof Drain Collar x E-200 LEVEL B27 X F299 B28 X E-200 LEVEL B29 Grey Sink Undercont X E-613 E103	•	B21	12" x12" RUST BOWNVET		۲	E103			1 10 km 1 1 1 1 1
B25 V V E-200 LEVEL B27 Grey Sink Undercoat X E-300 LEVEL B29 Grey Sink Undercoat X E-300 LEVEL B39 Grey Sin		322			۲	<u>\</u>			
B25 V V E-200 LEVEL B27 Grey Sink Undercoat X E-300 LEVEL B29 Grey Sink Undercoat X E-300 LEVEL B39 Grey Sin	•	B23	Root Drain Fitting tion	۲		F - 200 LEVEL	四 21	AMIN	4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
B25 V V V E-200 LEVEL B26 Roof Drain Collar x E-200 LEVEL B27 X E-200 LEVEL B28 Grey Sink Undercoat x E-613 E193	•	. i					U	01.	
B27 X F299 B28 X E-200 LEVEL B29 Grey Sink Undercoat X E613 E193)	B25	1	ν		<u> </u>		/ Ca.	<u> </u>
B28 x E-200 LEVEL X E-200 LEVEL X E-200 LEVEL	•	B26	Root Vrain Collar	×		E-200 LEYEL			
(3) 0129 311/2 01027 X EQ 5 E193	•	B27				F299		<u> </u>	
(3) (3) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	•	B28	*	, x	-	E-200 LEVEL			
	}	Basy	view sink Undercoat		X	E-013 £193	P	· · ·	<u> </u>
Special Instructions:	•				×	EØ13 E103			

BUILDING K



200 Route 130 North, Cinnaminson, NJ 08077 (800) 220-3675 / (856) 786-5974 Phone/Fax:

http://www.EMSL.com

cinnasblab@EMSL.com

EMSL Order: CustomerID:

ProjectID:

041408953

CustomerPO:

ATC52

Attn: John Lutz Cardno ATC 3 Terri Lane **Bromley Corp Center**

Burlington, NJ 08016

Phone: Fax:

(609) 386-8800

Received:

(609) 386-7951 04/04/14 10:09 PM

Analysis Date:

4/11/2014

Collected:

4/2/2014

Project: Richard Stockton College/ 68.45719.0001/ Building K

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

			Non-Ast	<u>oestos</u>	<u>Asbestos</u>		
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type		
B01 041408953-0001	K001 - Mud Fitting on HW Supply Line (8")	White Fibrous Homogeneous		80% Non-fibrous (other)	20% Chrysotile		
B02 041408953-0002	K001 - Mud Fitting on HVV Supply Line (8")	White Fibrous Homogeneous		80% Non-fibrous (other)	20% Chrysotile		
B03 041408953-0003	K001 - Mud Fitting on HW Supply Line (8")	Gray Fibrous Homogeneous		70% Non-fibrous (other)	30% Chrysotile		
B04 041408953-0004	K001 - Mud Fitting on HW Supply Line (4")	Gray Fibrous Homogeneous	15% Min. Wool	85% Non-fibrous (other)	None Detected		
B05 041408953-0005	K001 - Mud Fitting on HW Supply Line (4")	Gray Fibrous Homogeneous	15% Min. Wool	85% Non-fibrous (other)	None Detected		
B06 041408953-0006	K001 - Mud Fitting on HW Supply Line (4")	Gray Fibrous Homogeneous	20% Min. Wool	80% Non-fibrous (other)	None Detected		
B07 041408953-0007	K001 - Mud Fitting on 3" Boiler HW Pipes	White Fibrous Homogeneous		80% Non-fibrous (other)	20% Chrysotile		
B08 041408953-0008	K001 - Mud Fitting on 3" Boiler HW Pipes	White Fibrous Homogeneous		80% Non-fibrous (other)	20% Chrysotile		

Analyst(s)

Brittany Brown (12) Michael Garrity (31) Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (800) 220-3675 / (856) 786-5974

http://www.EMSL.com

cinnasblab@EMSL.com

EMSL Order: CustomerID: 041408953

CustomerID: CustomerPO: ATC52

ProjectID:

Attn: John Lutz
Cardno ATC
3 Terri Lane
Bromley Corp Ce

Bromley Corp Center Burlington, NJ 08016 Phone:

(609) 386-8800

Fax:

(609) 386-7951

Received:

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Analysis Date:

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4/2/2014

Project: Richard Stockton College/ 68.45719.0001/ Building K

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Nor	ı-Asbestos	<u>Asbestos</u>		
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	<u>% Type</u>		
B09 041408953-0009	K001 - Mud Fitting on 3" Boiler HW Pipes	Gray Fibrous Homogeneous	10% Cellulose 20% Min. Woo	70% Non-fibrous (other)	None Detected		
B10 041408953-0010	K001 - Mud Fitting on 8" Cold Water Supply	Gray Fibrous Homogeneous	15% Min. Woo	85% Non-fibrous (other)	None Detected		
B11 041408953-0011	K001 - Mud Fitting on 8" Cold Water Supply	Gray Fibrous Homogeneous	15% Min. Woo	85% Non-fibrous (other)	None Detected		
B12 041408953-0012	K001 - Mud Fitting on 8" Cold Water Supply	Gray Fibrous Homogeneous	25% Min. Woo	75% Non-fibrous (other)	None Detected		
B13-Insulation 041408953-0013	K001/ Boiler 4990 - Breeching Collar	Gray Fibrous Homogeneous	10% Min. Woo	90% Non-fibrous (other)	None Detected		
B13-Wrap 041408953-0013A	K001/ Boiler 4990 - Breeching Collar	Green Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (other)	None Detected		
B14-Insulation 041408953-0014	K001/ Boiler 4990 - Breeching Collar	Gray Fibrous Homogeneous	15% Min. Woo	Non-fibrous (other)	30% Chrysotile		
B14-Wrap 041408953-0014A	K001/ Boiler 4990 - Breeching Collar	Green Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (other)	None Detected		

Analyst(s)

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200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (800) 220-3675 / (856) 786-5974

http://www.EMSL.com

cinnasblab@EMSL.com

EMSL Order:

041408953

CustomerID:

ATC52

CustomerPO:

ProjectID:

Attn: John Lutz
Cardno ATC
3 Terri Lane

Bromley Corp Center Burlington, NJ 08016

Phone:

(609) 386-8800

Fax:

(609) 386-7951

Received:

04/04/14 10:09 PM

Analysis Date:

4/11/2014

Collected:

4/2/2014

Project: Richard Stockton College/ 68.45719.0001/ Building K

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

<u>Asbestos</u> Non-Asbestos % Type <u>Appearance</u> Non-Fibrous **Fibrous** Description Sample **None Detected** 75% Non-fibrous (other) 25% Min. Wool B15-Insulation K001/ Boiler Gray 4991 - Breeching **Fibrous** 041408953-0015 Collar Homogeneous **None Detected** 15% Non-fibrous (other) 85% Cellulose K001/ Boiler Green B15-Wrap 4991 - Breeching **Fibrous** 041408953-0015A Collar Homogeneous **None Detected** 85% Non-fibrous (other) 15% Min. Wool K001 - Mud Gray B16-Insulation Fitting on 3' **Fibrous** 041408953-0016 Water Pipe Homogeneous **None Detected** 20% Non-fibrous (other) 80% Cellulose K001 - Mud Green B16-Wrap Fitting on 3" Fibrous 041408953-0016A Water Pipe Homogeneous **None Detected** 85% Non-fibrous (other) Gray 15% Min. Wool K001 - Mud **B17** Fitting on 3" **Fibrous** 041408953-0017 Water Pipe Homogeneous None Detected 80% Non-fibrous (other) 20% Min. Wool K001 - Mud Gray **B18** Fitting on 3" **Fibrous** 041408953-0018 Water Pipe Homogeneous **None Detected** 85% Non-fibrous (other) 15% Min. Wool K001 - Mud Gray B19 Fitting on 8" HW **Fibrous** 041408953-0019 Return Homogeneous **None Detected** 85% Non-fibrous (other) 15% Min. Wool B20-Mud Fitting K001 - Mud Gray Fitting on 8" HW **Fibrous** 041408953-0020 Return Homogeneous

Analyst(s)

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200 Route 130 North, Cinnaminson, NJ 08077 (800) 220-3675 / (856) 786-5974 Phone/Fax:

http://www.EMSL.com

cinnasblab@EMSL.com

EMSL Order:

041408953 ATC52

CustomerID:

CustomerPO: ProjectID:

Attn: John Lutz **Cardno ATC** 3 Terri Lane

Bromley Corp Center Burlington, NJ 08016 Phone:

(609) 386-8800

(609) 386-7951

Received:

04/04/14 10:09 PM

Analysis Date:

4/11/2014

Collected:

4/2/2014

Project: Richard Stockton College/ 68.45719.0001/ Building K

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

<u>Asbestos</u> Non-Asbestos % Type **Appearance** Non-Fibrous **Fibrous** Description Sample **None Detected** 5% Non-fibrous (other) 95% Min. Wool K001 - Mud Yellow **B20-Insulation** Fitting on 8" HW **Fibrous** 041408953-0020A Return Homogeneous None Detected 80% Non-fibrous (other) 20% Min. Wool K001 - Mud Gray **B21** Fitting on 8" HW **Fibrous** 041408953-0021 Return Homogeneous **None Detected** 20% Non-fibrous (other) K001 - 2' x 4' CT-White 60% Cellulose **B22** Rough Texture w/ **Fibrous** 20% Min. Wool 041408953-0022 Small Holes Homogeneous (Stored) 25% Chrysotile 75% Non-fibrous (other) Hall By L003b - 3" Grav **B23** Mud Fitting on **Fibrous** 041408953-0023 Homogeneous 25% Chrysotile 75% Non-fibrous (other) Hall By L003b - 3" Gray **B24** Mud Fitting on **Fibrous** 041408953-0024 **FGPI** Homogeneous 25% Chrysotile 75% Non-fibrous (other) Hall By L003b - 3" White B25 Mud Fitting on **Fibrous** 041408953-0025 **FGPI** Homogeneous **None Detected** 15% Min. Wool 85% Non-fibrous (other) Hall By L003b - 2" Gray B26 Mud Fitting on **Fibrous** 041408953-0026 **FGPI** Homogeneous **None Detected** 85% Non-fibrous (other) Hall By L003b - 2" 15% Min. Wool Gray Mud Fitting on **Fibrous** 041408953-0027 **FGPI** Homogeneous

Analyst(s)

Brittany Brown (12) Michael Garrity (31) Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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200 Route 130 North, Cinnaminson, NJ 08077 (800) 220-3675 / (856) 786-5974 Phone/Fax:

http://www.EMSL.com

cinnasblab@EMSL.com

EMSL Order:

041408953

CustomerID:

ATC52

CustomerPO:

ProjectID:

Attn: John Lutz Cardno ATC 3 Terri Lane

Bromley Corp Center Burlington, NJ 08016 Phone:

(609) 386-8800

Fax:

(609) 386-7951

Received:

04/04/14 10:09 PM

Analysis Date:

4/11/2014

Collected:

4/2/2014

Project: Richard Stockton College/ 68.45719.0001/ Building K

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

<u>Asbestos</u> Non-Asbestos Non-Fibrous % Type Appearance **Fibrous** Description Sample **None Detected** 75% Non-fibrous (other) Hall By L003b - 2" 25% Min. Wool Grav Mud Fitting on Fibrous 041408953-0028 **FGPI** Homogeneous 30% Chrysotile 70% Non-fibrous (other) Hall By L003b - 6" White B29 Mud Fitting on **Fibrous** 041408953-0029 **FGPI** Homogeneous 70% Non-fibrous (other) 30% Chrysotile Hall By L003b - 6" White B30 Mud Fitting on **Fibrous** 041408953-0030 **FGPI** Homogeneous 25% Chrysotile 75% Non-fibrous (other) White Hall By L003b - 6" **B31** Mud Fitting on **Fibrous** 041408953-0031 **FGPI** Homogeneous **None Detected** 5% Non-fibrous (other) 95% Min. Wool White Above B32 Suspended **Fibrous** 041408953-0032 Ceiling Tiles Homogeneous (Exterior Perimeter) -Spray-On Surfacing Material **None Detected** 5% Non-fibrous (other) 95% Min. Wool White Above **B33** Suspended Fibrous 041408953-0033 Ceiling Tiles Homogeneous (Exterior Perimeter) -Spray-On Surfacing Material

Analyst(s)

Brittany Brown (12) Michael Garrity (31) 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, AlHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367



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cinnasblab@EMSL.com

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041408953 ATC52

CustomerPO:

John Lutz Cardno ATC 3 Terri Lane

Bromley Corp Center Burlington, NJ 08016 Phone:

(609) 386-8800

Fax:

(609) 386-7951

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04/04/14 10:09 PM

Analysis Date:

4/11/2014

Collected:

4/2/2014

Project: Richard Stockton College/ 68.45719.0001/ Building K

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

Asbestos Non-Asbestos % Type % Non-Fibrous **Appearance** Fibrous Sample Description **None Detected** 5% Non-fibrous (other) White 95% Min. Wool Above **B34** Suspended Fibrous 041408953-0034 Celling Tiles Homogeneous (Exterior Perimeter) Spray-On Surfacing Material **None Detected** 5% Non-fibrous (other) 95% Min. Wool White **B35** Above Suspended Fibrous 041408953-0035 Ceiling Tiles Homogeneous (Exterior Perimeter) -Spray-On Surfacing Material **None Detected** 5% Non-fibrous (other) 95% Min. Wool White Above B36 Suspended Fibrous 041408953-0036 Ceiling Tiles Homogeneous (Exterior Perimeter) -Spray-On Surfacing Material **None Detected** 95% Min. Wool 5% Non-fibrous (other) White **B37** Above Suspended Fibrous 041408953-0037 Ceiling Tiles Homogeneous (Exterior Perimeter) -Spray-On Surfacing Material

Analyst(s)

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John Lutz Cardno ATC 3 Terri Lane

> **Bromley Corp Center Burlington, NJ 08016**

Phone:

(609) 386-8800

Fax:

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Received:

04/04/14 10:09 PM

Analysis Date:

4/11/2014

Collected:

4/2/2014

Project: Richard Stockton College/ 68.45719.0001/ Building K

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

Non-Asbestos

<u>Asbestos</u>

% Type Description Non-Fibrous **Appearance Fibrous** Sample **None Detected** 5% Non-fibrous (other) 95% Min. Wool Above White **B38** Suspended Fibrous 041408953-0038 Ceiling Tiles Homogeneous (Exterior Perimeter) -Spray-On Surfacing Material

Analyst(s)

Brittany Brown (12) Michael Garrity (31) Stephen Siegel, CIH, Laboratory Manager

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Fax 609.386.7951

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

		14 APR - 4 PM/10: 14	
Richard Stockton College	Samples Collected By: (Print & Sign)	Jim Heron Jan	Date: 4/2/14
Ma 68.45719.0001	Samples Transported By: (Print & Sign)		Date:
~ < 7	Samples Received By: (Print & Sign)	Argy Drap	Date: 4/4/14/
John Lutz	Samples Analyzed By: (Print & Sign)		Date: 100
	168.45719.0001 "IK"	Richard Stockton College Samples Collected By: (Print & Sign)	Richard Stockton College Samples Collected By: (Print & Sign) Jim Heron Jim Heron

Name: John Lutz	Cell Phone: 609-5	71-7522	Fax: 609-386-795	E-Mail: john.l	utz@cardno.com
Contact Information &	Results Distribution:	☐ Cell Pl	none ☑Fax	☑E-Mail	
24 Hours 🛚	48 Hours □	5	Days 🔀	Immediate 🗆	Hours 🗆
43.		Sample Tu	rnaround Time:		4
		* * * * * * * * * * * * * * * * * * *			

Sample		Fri	able		Location		alysis	Result
#	Type & Description of Material	Yes	No		Location	M	éthod	Kesun
301	MUDFITHMON HW SUPLY LINE (8")	*		K	001 1	PL	M	
302		×						
303	V	p			1 / W = 41 / 1 / W = 41 / 1			
304	MUD FITTIME ON HW SUPPLY LINE (4")	ኦ						
<i>B</i> 05		×						
B06		k						
B07	MUD FITTING ON 3"BOILER HW PIPES	7						
8		k						
B09	V	x		i.				
B10	MUD FITTING ON 8" COLDWATER SUPLY	4						
1311		×						
3/2		>	***************************************					
B13	BREECHING (STIAR	Y			Boiler 499\$			
1314		X			Boiler 4990			
B15		X			1 Boiler 4991		1	/

OrderID: 041408953



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ASBESTOS BULK SAMPLE CHAIN OF CUSTODY 14 APR -4 PM 10: 1

The state of the s	let tui in			
Richard Stockton College	Samples Collected By: (Print & Sign)	Jim Heron Jank	Date:	4/2/14
68,45719,0001	Samples Transported By: (Print & Sign)		Date:	1.7
K	Samples Received By: (Print & Sign)		Date:	
John Lutz	Samples Analyzed By: (Print & Sign)		Date:	
	68,45719,0001	Richard Stockton College (Richard Stockton College (Print & Sign) Samples Transported By: (Print & Sign) Samples Received By: (Print & Sign) Samples Analyzed By:	Richard Stockton College (Print & Sign) Samples Collected By: (Print & Sign) Samples Transported By: (Print & Sign) Samples Received By: (Print & Sign) Samples Analyzed By:	Richard Stockton College Samples Collected By: Jim Heron Date:

Contact Information & Name: John Lutz	Results Distribution: Cell Phone: 609-	☐ Cell I	Phone	 	-Mail 7 Mailt iobn	.lutz@cardno.com
24 Hours 🛚	48 Hours □	5	Days 🖾		rediate 🗆	Hours □
		Sample T	urnaround Time			

Sample		April 2012 1989 1970	able	Location	Analysis		Result
]#	Type & Description of Material	Yes	No	Location	Mê	thod	
86	Mud Fitting on 3" Rotable water Pipe	٧	2.22	K 00)	94	4	
817		K					
BK		4			1 14, 14		
319	MUSTIFICE ON 8" HW RETURN	X					
B20		K					
1321		φ		V			
B22	2'+ 4' SOT-ROUGH TEXTURE W/ SMALL HOLFS (STORED) 3" MUCK: Hory On PGPI	×	1.00.0	k 8001			
323	3" MUDE: Hong On EGPI	4		HALL BY LOG3 6			_
B24		¥					
B25		x		4		<u> </u>	44.1
1326	2" Mud Fitting on FGPT	٧		HALL BY LOUBS		1	
B27		8				1	
B28	1 1	4		V		1	<u> </u>
329	6" Mudfillion On FURT	4		HAT 130 MA 3P		4	ļ
BB	1 1	4		7		1	

OrderID: 041408953



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ASBESTOS BULK SAMPLE COMAINION OUSTODY

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Client:	Richard Stockton College	Samples Collected By:	Jim Heron Comple	Date:	41214
Project # / Task:	68.45719.0001	Samples Transported By: (Print & Sign)		Date:	
Facility/Bldg:	× 24	Samples Received By: (Print & Sign)		Date:	
Project Mgr.	John Lutz	Samples Analyzed By: (Print & Sign)		Date:	

	Sam	ple Turnaround Time:		
24 Hours □	48 Hours □	5 Days 🛛	Immediate 🗆	Hours 🗆
Contact Information &	Results Distribution:	Cell Phone ☐ ☐Fax	☑E-Mail	
Name: John Lutz	Cell Phone: 609-571-752	22 Fax: 609-386-79	D51 E-Mail: john.l	utz@cardno.com

Sample	Type & Description of Material	Fria Yes	ible No	Location	Analysis Method	Result
231	6" Mud Filling on FGPI			Hall By LØØ36	Pun	
332	SPRAY - ON SURFACENG- MAT FRIAL	>		Hall By L&B3b Above Suspende Of Piling (Files (Extens Perimeter)	PLM	
333		χ				
1334		Х				
1335 1336 1337 1338		χ				
B36		7				
1337		γ.	a manual de		1 m. 1	
B38		X,		1	\ \ \	
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cinnasblab@EMSL.com

EMSL Order: CustomerID:

041410677 ATC52

CustomerPO:

ProjectID:

John Lutz Cardno ATC 3 Terri Lane **Bromley Corp Center Burlington, NJ 08016**

Phone:

(609) 386-8800

Fax:

(609) 386-7951

Received:

04/21/14 2:30 PM

Analysis Date:

4/28/2014

Collected:

4/13/2014

Project: RICHARD STOCKTON COLLEGE/ 68.45719.0001/ "L"

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

				<u>Non-Asb</u>	<u>Asbestos</u>	
Sample	Description	Appearance	%	Fibrous _	% Non-Fibrous	% Type
B01	L-005 - END CAP ON FGPI	Yellow Non-Fibrous	5%	Cellulose	95% Non-fibrous (other)	None Detected
041410677-0001		Homogeneous				
B02	L-005 - END CAP ON FGPI	Yellow	5%	Cellulose	95% Non-fibrous (other)	None Detected
041410677-0002		Non-Fibrous Homogeneous				
B03	L-008A - END CAP ON FGPI	Beige	8%	Cellulose	92% Non-fibrous (other)	None Detected
041410677-0003		Fibrous Homogeneous				
B04	L-005 - 3" MUD	Gray	15%	Glass	85% Non-fibrous (other)	None Detected
041410677-0004	FITTING ON FGP	Fibrous Homogeneous				·
B05	L-005 - 3" MUD	Gray	15%	Glass	85% Non-fibrous (other)	None Detected
041410677-0005	FITTING ON FGP	Fibrous Homogeneous				
B06	L-005 - 3" MUD	Gray	30%	Min. Wool	70% Non-fibrous (other)	None Detected
041410677-0006	FITTING ON FGPI	Fibrous Homogeneous				
B07	LL-203B - 6" MUD FITTING ON FGPI	White	10%	Cellulose	50% Non-fibrous (other)	40% Chrysotile
041410677-0007		Fibrous Homogeneous				· <u></u>
B08	LL-203B - 6" MUD	White	10%	Cellulose	50% Non-fibrous (other)	40% Chrysotile
041410677-0008	FITTING ON FGP	Fibrous Homogeneous				

Analyst(s)

Alexis Kum (3) Danielle Lenoir (6) Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (800) 220-3675 / (856) 786-5974

http://www.EMSL.com

cinnasblab@EMSL.com

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ProjectID:

John Lutz Cardno ATC

> 3 Terri Lane **Bromley Corp Center Burlington, NJ 08016**

Phone:

(609) 386-8800

Fax:

(609) 386-7951

Received: Analysis Date: 04/21/14 2:30 PM 4/28/2014

Collected:

4/13/2014

Project: RICHARD STOCKTON COLLEGE/ 68.45719.0001/ "L"

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Non-Asbestos

<u>Asbestos</u>

Sample B09

Description

Appearance

Fibrous

Non-Fibrous

70% Non-fibrous (other)

% Type

30% Chrysotile

041410677-0009

LL-203B - 6" MUD FITTING ON FGPI

White Fibrous

Homogeneous

Analyst(s)

Alexis Kum (3) Danielle Lenoir (6) Stephen Siegel, CIH, Laboratory Manager

or other approved signatory

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ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

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Client:	Richard Stockton College	Samples Collected By: (Print & Sign)	Jim Heron Janyla	Date: 4/3//4
Project # / Task:	68.45719,0001	Samples Transported By: (Print & Sign)		Date:
Facility/Bldg:	1 u / "	Samples Received By: (Print & Sign)	AM WI 2:30	Date: 4/21/14
Project Mgr.	John Lutz	Samples Analyzed By: (Print & Sign)		Date:

	SampleA	urnaround Time:					
24 Hours 🗆	48 Hours □		Immediate 🗆	Hours 🗆			
Contact Information & Re	Contact Information & Results Distribution: Cell Phone Fax E-Mail						
Name: John Lutz	Cell Phone: 609-571-7522	Fax: 609-386-7951	E-Mail: john.lu	tz@cardno.com			

Sample #	Type & Description of Material	Fri: Yes	able No	Location	Analysi: Method	
<u> </u>	END CAP ON FGPI		X	L005 L005 L008A	PLM	
B82			K	L&65		100
B\$3	↓ ↓		×	LOW BA		
304	3 MUD FITTING ON FGPI	×		1005		
B65		x		L005		
B06		x		L005	2	
1367	6' Muo FITTING ON FGPI	×		LL2\$3B	2014 APR	
B\$8		K		LL203B	2	A 0
BØ9		K		LL 203B	الاي الاي 40	
Am					P#9	
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041410764

ATC52

Customer PO: Project ID:

Attn: John Lutz

Cardno ATC 3 Terri Lane

Bromley Corp Center Burlington, NJ 08016 Phone:

(609) 386-8800

Fax: Collected: (609) 386-7951 4/17/2014

Received: Analyzed: 4/21/2014 5/06/2014

68.45719.0001 / Richard Stockton College / Bldg. M Proj:

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:

Lab Sample ID:

041410764-0001

Sample Description:

Main Hall/Sheetrock

Analyzed

Date

Analyzed

Date

4/24/2014

4/24/2014

TEST PLM

Non-Asbestos Fibrous Non-Fibrous

8%

4%

<1%

92%

96%

Asbestos None Detected Comment

Lab Sample ID:

041410764-0002

Client Sample ID: Sample Description: B₀2

M001/Sheetrock

Client Sample ID:

TEST

PLM

PLM

B₀3

Non-Asbestos Non-Fibrous **Fibrous**

Asbestos

None Detected

Comment

Lab Sample ID:

Comment

Lab Sample ID:

041410764-0003

Sample Description:

Main Hall/Joint Compound

Analyzed Date 4/24/2014

Non-Asbestos

Asbestos

Color White

Color

White

Color

Purple

Purple

Color

Red/Purple

Color

Gray

Color

Gray

Fibrous Non-Fibrous 100%

<1% Chrysotile

041410764-0004

Client Sample ID: Sample Description:

TEST

M001/Joint Compound

Analyzed

Date

Analyzed

Date

4/24/2014

5/06/2014

4/24/2014

Non-Asbestos

TEST PLM

Fibrous Non-Fibrous -1% 100%

Asbestos <1% Chrysotile Comment

Client Sample ID:

B05

Lab Sample ID:

041410764-0005

Sample Description:

M010/Pink Sink Undercoat

Non-Asbestos

0.0%

Comment Asbestos

TEM Grav. Reduction

TEST

PLM

PLM

PLM

Non-Fibrous **Fibrous** 100% 0%

95.1%

100%

041410764-0006

Client Sample ID:

M010A/Pink Sink Undercoat

Lab Sample ID:

Sample Description:

Analyzed

Date

4/24/2014

Non-Asbestos

0%

Asbestos

Comment

Lab Sample ID:

041410764-0007

TEST

Fibrous Non-Fibrous

None Detected

None Detected

4.9% Chrysotile

Client Sample ID:

Upper Stage Office/Mud Fitting on Fiberglass Pipe Ins.

Non-Asbestos

Comment

Sample Description:

TEST

Analyzed Date

4/24/2014

Color

Fibrous

Asbestos None Detected

Gray

40%

Non-Fibrous 60%



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: Customer ID:

041410764

ATC52

Customer PO: Project ID:

Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120

						Lab Sample ID:	041410764-0008
lient Sample ID:	B08					Lau Salliple ID.	5-1-1070 1-000 0
Sample Description:	M001/Mud Fitting on Fiberglass P	ipe Ins.					
	Analyzed		Non-As	sbestos			
TEST		Color	Fibrous N	on-Fibrous	Asbestos	Comment	
PLM	4/24/2014	Gray	39%	61%	None Detected		
Client Sample ID:	B09					Lab Sample ID:	041410764-0009
Sample Description:		ine Ins					
Sample Description.	MOOZ/Midd Fitting On Fiberglass F	ipo mo.					
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous N	lon-Fibrous	Asbestos	Comment	
PLM	4/24/2014	Gray	38%	62%	None Detected		
Client Sample ID:	B10					Lab Sample ID:	041410764-0010
Sample Description:							
p 2 30011p.10111	MOON E A 12 OHAIOOR CON THO						
	Analyzed		Non-A	sbestos			
TEST	Date	Color		lon-Fibrous	Asbestos	Comment	
PLM	4/24/2014	Gray	80%	20%	None Detected	<u> </u>	
Client Sample ID:	B11					Lab Sample ID:	041410764-0011
Sample Description:							
	Analyzed		Non-A	sbestos			
TEST	Date	Color		lon-Fibrous	Asbestos	Comment	
PLM	4/24/2014	Gray	80%	20%	None Detected		<u> </u>
Client Sample ID:	B12					Lab Sample ID:	041410764-0012
Sample Description:		eil Tile					
	Analyzed			sbestos			
TEST	Date	Color		lon-Fibrous	Asbestos	Comment	
PLM	4/24/2014	Gray	6%	94%	None Detected		
Client Sample ID:	B13	_				Lab Sample ID:	041410764-0013
Sample Description:	Hall/2' x 4' Sandpaper Texture Ce	eil Tìle					
•							
	Analyzed			sbestos		0	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	4/24/2014	Gray	7%	93%	None Detected		
Client Sample ID:	B14		•			Lab Sample ID:	041410764-0014
Sample Description:	Stage/Linoleum Floor						
	-						
	Analyzed			sbestos		Camment	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	4/24/2014	Brown	30%	70%	None Detected None Detected		•
TEM Grav. Reduction	n 5/06/2014	Gray	0.0%	100%	Mone Derected	1-1-0	04440704 0045
Client Sample ID:	B15					Lab Sample ID:	041410764-0015
Sample Description.	Stage/Linoleum Floor						
	Analyzed			sbestos	Anhester	Comment	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	4/24/2014	Brown	30%	70%	None Detected		



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Customer PO: Project ID:

Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120

			via EPA 6	00/R-93/11	6		
lient Sample ID:	B16					Lab Sample ID:	041410764-0016
ample Description:	Stage/Tar Paper Beneath Lino	leum					
	Analyzed			sbestos			
TEST	Date	Color	Fibrous N		Asbestos	Comment	
PLM	4/24/2014	Tan	95%	5%	None Detected		
Client Sample ID:	B17					Lab Sample ID:	041410764-0017
Sample Description:	Stage/Tar Paper Beneath Lino	leum	•				
•							
	Analyzed			sbestos			
TEST	Date	Color	Fibrous N		Asbestos	Comment	
PLM	4/24/2014	Black	65%	35%	None Detected		
EM Grav. Reduction	5/06/2014	Black	0.0%	100%	None Detected	<u> </u>	
Client Sample ID:	B29					Lab Sample ID:	041410764-0018
Sample Description:	Hall/Roof Drain Mud Fitting						
•	-						
	Analyzed			sbestos			
TEST	Date	Color		lon-Fibrous	Asbestos	Comment	· · · · · ·
PLM	4/24/2014	Gray	20%	40%	40% Chrysotile		
Client Sample ID:	B30					Lab Sample ID:	041410764-0019
Sample Description:	Hall/Roof Drain Mud Fitting						
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous N	lon-Fibrous	Asbestos	Comment	
PLM	4/24/2014	Gray	5%	45%	50% Chrysotile		
Client Sample ID:	B31				,	Lab Sample ID:	041410764-0020
Sample Description:							
Sample Description.	Hall/Roof Draw Wide Fitting						
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous N	lon-Fibrous	Asbestos	Comment	
PLM	4/25/2014	Gray	30%	32%	38% Chrysotile		
	P22					Lab Sample ID:	041410764-0021
Client Sample ID:	B32						
Sample Description:	M002/12" x 12" Brown VFT						
	Analyzed		Non-A	sbestos			
TEST	Date	Color		lon-Fibrous	Asbestos	Comment	
PLM	4/24/2014	Tan	0%	97%	3% Chrysotile		
						Lab Sample ID:	041410764-0022
Client Sample ID:	B33						
Sample Description:	M002/12" x 12" Brown VFT						
			Non A	sbestos			
TEOT	Analyzed	Color		Non-Fibrous	Asbestos	Comment	
TEST	4/24/2014	Tan	O%	97%	3% Chrysotile		
PLM		ıaıı				Lab Sample ID:	041410764-0023
Client Sample ID:	B34					Las Sample IS.	STITIOT OVAC
Sample Description:	M002/Black VFT Mastic						
	Analyzed			sbestos	A_b	Comment	
TEST	Date	Color	Fibrous I	Non-Fibrous	Asbestos	Comment	
	4/24/2014	Black	0%	96%	4% Chrysotile		



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EMSL Order ID: Customer ID: Customer PO:

Project ID:

041410764

ATC52

Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120

	-		via EPA 6	600/R-93/110	6		
Client Sample ID:	B35					Lab Sample ID:	041410764-0024
Sample Description:	M002/Black VFT Mastic						
	Analyzed		-	sbestos		Commercial.	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	4/24/2014	Black	2%	92%	6% Chrysotile		
Client Sample ID:	B36					Lab Sample ID:	041410764-0025
Sample Description:	M001/6" Mud Fitting on FGP	I					
					*		
	Analyzed			Asbestos	A-b4	Comment	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	4/24/2014	Gray	30%	70% 	None Detected		0.444.0=0.4.0000
Client Sample ID:	B37					Lab Sample ID:	041410764-0026
Sample Description:	M001/6" Mud Fitting on FGP	1					
	•						
	Analyzed			Asbestos	Anh	Comment	
TEST	Date	Color		Non-Fibrous	Asbestos None Detected	Comment	
PLM	4/24/2014	Gray/Green	33%	67%	None Detected		0.44.44.070.4.0007
Client Sample ID:	B38					Lab Sample ID:	041410764-0027
Sample Description:	M001/6" Mud Fitting on FGP	1					
	Analyzed			Asbestos	A - I:	Comment	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	4/25/2014	Gray	38%	62%	None Detected		
Client Sample ID:	B39				a a	Lab Sample ID:	041410764-0028
Sample Description:	M001/End Cap on FGPI						
-	·						
	Analyzed			Asbestos		0	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	4/24/2014	Yellow/Green	40%	60%	None Detected		
Client Sample ID:	B40					Lab Sample ID:	041410764-0029
Sample Description:	M001/End Cap on FGPI		•				
•	. ,						
	Analyzed			Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	4/24/2014	Tan/Green	20%	80%	None Detected		
Client Sample ID:	B41					Lab Sample ID:	041410764-0030
Sample Description:							
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	4/25/2014	Yellow/Green	18%	82%	None Detected		
Client Sample ID:	B42					Lab Sample ID:	041410764-0031
Guerri Sarripre ID:							
Samula Descriptions							
Sample Description:	Hall/Roof Drain Collar						
Sample Description:			Non-	Asbestos			
Sample Description:	Hall/Roof Drain Collar Analyzed Date	Color		Asbestos Non-Fibrous	Asbestos	Comment	



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Customer PO: Project ID:

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

			via EPA 6	00/R-93/116	S		
Client Sample ID:	B43		•			Lab Sample ID:	041410764-0032
ample Description:	Hall/Roof Drain Collar						
•							
	Analyzed		Non-As	bestos			
TEST	Date	Color	Fibrous N	on-Fibrous	Asbestos	Comment	
PLM	4 /24/2014	Gray	35%	65%	None Detected	<u> </u>	
Client Sample ID:	B44					Lab Sample ID:	041410764-0033
Sample Description:	Hall/Roof Drain Collar						
•							
	Analyzed		Non-As	bestos			
TEST	Date	Color	Fibrous N	on-Fibrous	Asbestos	Comment	
PLM	4/25/2014	Gray	35%	65%	None Detected		
Client Sample ID:	B45					Lab Sample ID:	041410764-0034
Sample Description:	"M" Hall/3" Mud Fitting on FGPI						•
			•				
	Analyzed		Non-As	bestos			
TEST	Date	Color	Fibrous N	on-Fibrous	Asbestos	Comment	
PLM	4/24/2014	Gray	35%	65%	None Detected		
Client Sample ID:	B46					Lab Sample ID:	041410764-0035
Sample Description:	"M" Hall/3" Mud Fitting on FGPI						
	,,, ,,a						
	Analyzed		Non-As	sbestos			
TEST	Date	Color	Fibrous N	on-Fibrous	Asbestos	Comment	
PLM	4/24/2014	Gray	30%	70%	None Detected		
Client Sample ID:	B47					Lab Sample ID:	041410764-0036
Sample Description:	"M" Hall/3" Mud Fitting on FGPI						
	W Hallo Maa I King off St.						
	Analyzed		Non-As	bestos			
TEST	Date	Color	Fibrous N	on-Fibrous	Asbestos	Comment	
PLM	4/25/2014	Gray	35%	65%	None Detected	<u> </u>	
Client Sample ID:	B48					Lab Sample ID:	041410764-0037
Sample Description:	M001/4" Mud Fitting on FGPI						
	MOON THINGS IN CITY						
	Analyzed		Non-As	sbestos			
TEST	Date	Color	Fibrous N	on-Fibrous	Asbestos	Comment	
PLM	4/24/2014	Gray	37%	63%	None Detected		
Client Sample ID:	B49					Lab Sample ID:	041410764-0038
· ·							
Sample Description:	M002/4" Mud Fitting on EGDI						
Sample Description:	M002/4" Mud Fitting on FGPI						
Sample Description:	M002/4" Mud Fitting on FGPI Analyzed		Non-As	sbestos			
Sample Description: TEST	•	Color		sbestos on-Fibrous	Asbestos	Comment	
TEST	Analyzed	Color			Asbestos None Detected	Comment	
TEST PLM	Analyzed Date 4/24/2014		Fibrous N	on-Fibrous		Comment Lab Sample ID:	041410764-0039
TEST PLM Client Sample ID:	Analyzed		Fibrous N	on-Fibrous			041410764-0039
TEST PLM Client Sample ID:	Analyzed Date 4/24/2014		Fibrous N	on-Fibrous			041410764-0039
TEST PLM Client Sample ID:	Analyzed Date 4/24/2014 B50 M002/4" Mud Fitting on FGPI		Fibrous N	on-Fibrous			041410764-0039
TEST PLM Client Sample ID: Sample Description:	Analyzed		Fibrous N 38%	on-Fibrous 62%			041410764-0039



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EMSL Order ID: Customer ID:

041410764 ATC52

Customer PO: Project ID:

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

Analyst(s)

Susan Pollack

Chaiyut Sae Lao Nicholas Maslowski TEM Grav. Reduction PLM PLM

(33)(6)

(3)

Stephen Siegel, CIH, Laboratory Manager or other Approved Signatory

Any questions please contact Steve Siegel.

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Samples analyzed by EMSL Analytical, Inc. Piscataway, NJ

Initial report from: 04/25/201414:18:45

Shaping the Future

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

Fax 609.386.7951

lient:	Richard Stockton College	(Print	les Collec & Sign)		Jim Heron Junter	Date:	411	7/1
roject # / Task:	68.45719.0001	Sampl	es Transr & Sign)	orted By:	/	Date:		j''
Facility/Bldg:	"M"	Sampl	les Receiv & Sign)	ed By:	0(_	Date:	4	/21/
Project Mgr.	John Lutz	Sampl	les Analy: & Sign)	ed By:		Date:	5	<u>\30</u>
		cama _s ,	-tiense	ATT A STRONG				
24 Hours				ys 🖽 🖊	Immediate 🗆	Hours 🗆	-	
	mation & Results Distribution:	C Cell		☑ Fax	⊠E-Mail	s=@aandma		<u></u>
Name: John L	utz Cell Phone: 609-57	1-/522	Fax	: 609-386-7	7951 E-Mail: john.lu	iz@cardilo.	,OIII	
Sample 1	Type & Description of Material .	Fri Yes	able No		Location		ily ist thod	Resul
361 5	Sheetrock		γ	Ma	in Hall	Pa	M	
302			X	M	QQ			
303	Joint Compound		×	Mo	un Hall			
364		-	λ	100	1001			
305 K	NK SINK UNDERWAT		У		1010			
3x6	J		۶		1010A STAGE OFFICE			
307 "	UD FITTING ON FIBERGLASS PIPE INS	;, x		OPPER	- STAGE OFFIC			
308		X		Μ	1001			-
309	V	Υ	<u> </u>		MØØ1	erigester (* 1920) Veneral (* 1920)		
Blø 📙	2">12" GRIDLOCK CEJL. TILE	Y K						
B11	100 +01				M&61		1 1 14 1 1 1 1 1 1 1 1 1 1	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
B12 2	xu' sandpaper texture Ceil. Tile				HALL			
B13	1	κ		· · · · · · · · · · · · · · · · · · ·	HALL		1	
B14	LINSLEM FLOOR		κ	5	7A GE TA GE			
1315			4	3	TA (F		1	



3 Terri Lane Burlington, NJ 08016 www.atcassociates.com 609.386.8800

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

Fax 609.386.7951

Client:	Richard Stockton College	(Print d	es Collected By: & Sign)	Jim Heron	Junk	Date:	4/1	7//4
Project # / Task:	68.45719.001	Sample	es Transported By: & Sign)	/		Date:	71	'J'
Facility/Bldg:	"M"	Sample	es Received By: & Sign)			Date:		
Project Mgr.	John Lutz	Sample	es Analyzed By: & Sign)	The Company		Date:		
A CONTROL OF				**************************************	*****		o parting	an an an
24 Hour	ASSESSMENT ASSESSMENT OF SECURITION OF SECURITION AND ASSESSMENT OF SECURITION ASSESSMENT ASSESSMENT OF SECURITION ASSESSMENT ASSESSME		urnaround Ti Days []		diate 🗆 🛮 H	lours 🗆	dia 3 18	<u> 31672 (1944)</u>
	rmation & Results Distribution:	□ Cell	Phone 🔟	Pax ☑E-N				
Name: John L	utz Cell Phone: 609-571	-7522	Fax: 609-38	86-7951 E-	Mail: john.lutz@	cardno.coi	m	<u></u>
Sample	Type & Description of Material	Fria Yes	able Ng	Locati	on	Analy Meth		Result
B16 7	FAR PAPER BENEATH LINOLEUM		۶ ۶	STAGE	왕 (7 도 개왕) (1 - 1941) 	PU	4	
B17	\downarrow		ኦ	STAGE STAGE				
B29 1	ROOF DRAIN MUD FITTING	p		HALL				
B30		¥						
B31		7		\ <u>\</u>				
B32 "	2º 4124 BROWN YFT		4	MOG	2			
B33 1	2'x12" BROWN YFT		Y	M&&: M&&: M&&:	2			
B34 1	2' KIZ" BROWN YFT 2' X (2" BROWN YFT BLACK YFT MASTIC		γ	Møø	2			
	SLACK UPT MASTIC		K	MØØ	r			
B36 6	"MUD FITH ON FGPI	K		MOSI			1 1 1	<u> </u>
B37		k		MØØ	e en			
1338	1 1	K		MØØ	1			
	no cao on FGPI		*	MOG	i ng anaw <mark>Malagawa sa</mark>			
B40			X	MØØ	1			
الام			1				1	

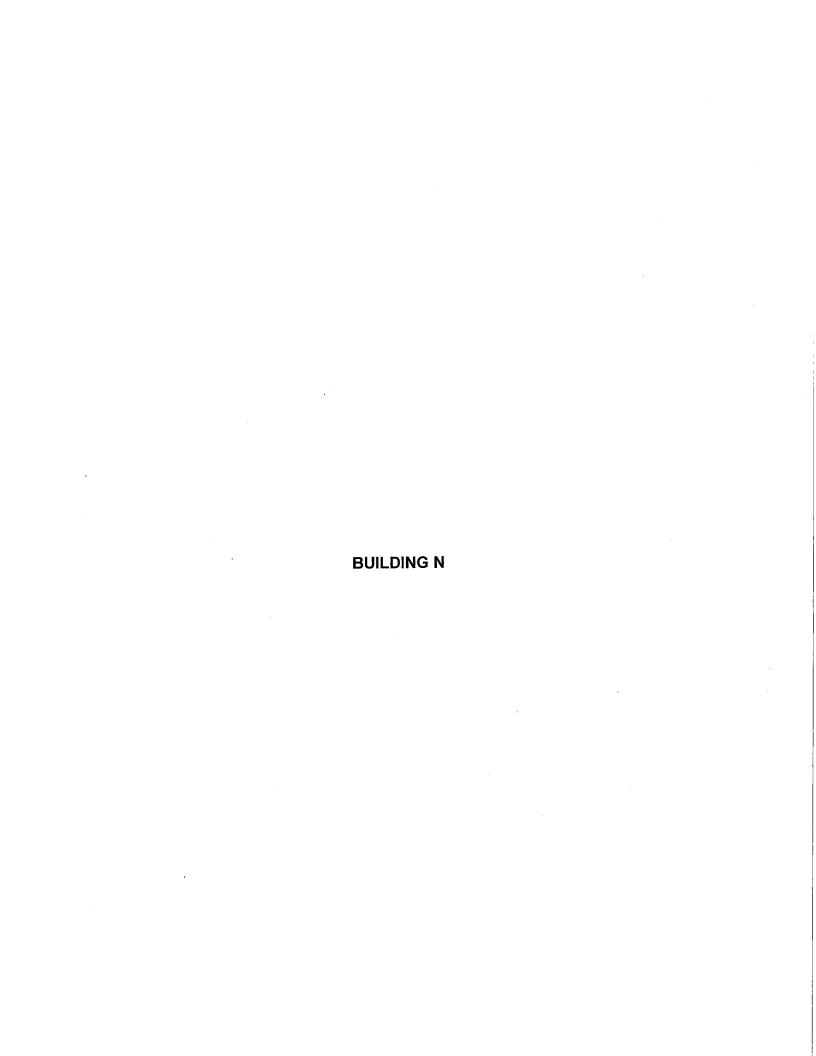
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Shaping the Future

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

Fax 609.386.7951

Client:	Richard Stockton College	Samples Coll (Print & Sign	3illi Heion	Date:	4/17/14
Project # / Task:	168.45719,0001	Samples Tran (Print & Sign		Date:	1
Facility/Bldg:	*M*	Samples Rece (Print & Sign Samples Anal		Date:	
Project Mgr.	John Lutz	(Print & Sign		Date:	
The state of the s		Sample Turns	round-Lime:		
24 Hours	□ 48 Hours □ mation & Results Distribution:	Cell Phone		liate □ Hours □	
Name: John Li	The state of the s			Mail: john.lutz@cardno.o	om
Sample		Friable		An	nlysis Dosul
#.	Type & Description of Material	Yes No	- Locatio		thod Resul
1342 R	SOF DRAIN COLLAR	*	HAIL	l.	<u> </u>
B43.		¥			
B44		8	V		
B45 3'	MUD FITTING ON FOPE	6	"M" HA		
B46		Y			
410		9	V		
B48 44	MUD FITT ING ON FGPE	Y	Mod		
B49		Y	Mogz		
B50	4		MØGT		
ecla) Instructio	Ons;				+





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http://www.EMSL.com

cinnasblab@EMSL.com

EMSL Order:

041408924

CustomerID:

ATC52

CustomerPO: ProjectID:

Attn: Jim Heron Cardno ATC 3 Terri Lane

Bromley Corp Center Burlington, NJ 08016

Phone:

(609) 386-8800

Fax:

(609) 386-7951

Received:

04/04/14 10:10 PM

Analysis Date:

4/10/2014

Collected:

3/31/2014

Project: Richard Stockton College / 68.45719.0001 / N Wing

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

			<u>estos</u>	<u>Asbestos</u>		
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
B01 041408924-0001	Polling center - 2'x2 White SCT w/ Sandpaper Texture	Gray/White Fibrous Homogeneous	45% 35%	Cellulose Min. Wool	20% Non-fibrous (other)	None Detected
B02 041408924-0002	Polling center - 2'x2 White SCT w/ Sandpaper Texture	Gray/White Fibrous Homogeneous	50% 30%		20% Non-fibrous (other)	None Detected
B03 041408924-0003	Polling center - Sheetrock	Brown/Tan Fibrous Homogeneous	15% 3%		82% Non-fibrous (other)	None Detected
B04 041408924-0004	Polling center - Joint Compound	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B05 041408924-0005	Hall by polling - 12"x12" Gridlock Ceiling Tile	Gray/White Fibrous Homogeneous	45% 35%	Cellulose Min. Wool	20% Non-fibrous (other)	None Detected
B06 041408924-0006	Hall by polling - 12"x12" Gridlock Ceiling Tile	Gray/White Fibrous Homogeneous	50% 35%	Min. Wool Cellulose	15% Non-fibrous (other)	None Detected
B07 041408924-0007	Hall by polling - 2'x4' SCT w/ Small & Medium Craters	Gray/White Fibrous Homogeneous	45% 35%		20% Non-fibrous (other)	None Detected
B08 041408924-0008	Meditation room - 2'x4' SCT w/ Small & Medium Craters	Gray/White Fibrous Homogeneous	45% 35%		20% Non-fibrous (other)	None Detected

Analyst(s)

Alexis Kum (17) Juli Patel (12)

Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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http://www.EMSL.com

cinnasblab@EMSL.com

EMSL Order:

041408924

CustomerID: CustomerPO:

ATC52

ProjectID:

Attn: Jim Heron
Cardno ATC
3 Terri Lane

Bromley Corp Center Burlington, NJ 08016

Phone:

(609) 386-8800

Fax:

(609) 386-7951

Received:

04/04/14 10:10 PM

Analysis Date:

4/10/2014

Collected:

3/31/2014

Project: Richard Stockton College / 68.45719.0001 / N Wing

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

				Non-Asb	<u>estos</u>	<u>Asbestos</u>
ample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
B09 041408924-0009	Work area by MER - 12"x12" Cream VFT	Cream Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B10 041408924-0010	Work area by MER - 12"x12" Cream VFT	Cream Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B11 041408924-0011	Work area by MER - Mastic for sample #B09	Black Fibrous Homogeneous	10%	Cellulose	87% Non-fibrous (other)	3% Chrysotile
B12 041408924-0012	Work area by MER - Mastic for sample #B10	Black/Yellow Non-Fibrous Heterogeneous	Limited bla	uck mastic	100% Non-fibrous (other)	<1% Chrysotile
B13 041408924-0013	2nd floor MER - End Cap on FGPI	White Fibrous Homogeneous		Min. Wool	90% Non-fibrous (other)	None Detected
B14 041408924-0014	Kitchen - Joint Compound	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B15 041408924-0015	Kitchen - 2'x4' Plain White SCT	Brown/White Fibrous Homogeneous	20% 12%	Cellulose Glass	68% Non-fibrous (other)	None Detected
B16 041408924-0016	Kitchen - 2'x4' Plain White SCT	Brown/White Fibrous Homogeneous	20% 10%	Cellulose Glass	70% Non-fibrous (other)	None Detected

Analyst(s)

Alexis Kum (17) Juli Patel (12) Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (800) 220-3675 / (856) 786-5974

http://www.EMSL.com

cinnasblab@EMSL.com

EMSL Order:

041408924 ATC52

CustomerID:

CustomerPO:

ProjectID:

Attn: Jim Heron Cardno ATC 3 Terri Lane

Bromley Corp Center Burlington, NJ 08016 Phone:

(609) 386-8800

Fax:

(609) 386-7951

Received:

04/04/14 10:10 PM

Analysis Date:

4/10/2014

Collected:

3/31/2014

Project: Richard Stockton College / 68.45719.0001 / N Wing

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

				Non-Asbe	<u>estos</u>	<u>Asbestos</u>
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
B17 041408924-0017	1st floor MER - End Cap on FGPI	Yellow/Green Fibrous Homogeneous	15%	Min. Wool	85% Non-fibrous (other)	None Detected
B18 041408924-0018	1st floor MER - End Cap on FGPI	Green/Cream Non-Fibrous Homogeneous	5%		95% Non-fibrous (other)	None Detected
B19 041408924-0019	1st floor MER - Sheetrock	Brown/White Fibrous Homogeneous		Cellulose	90% Non-fibrous (other)	None Detected
B20-Floor Tile 041408924-0020	Kitchen supply room - 12"x12" Brown Mottled VFT	Brown Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
B20-Mastic 041408924-0020A	Kitchen supply room - 12"x12" Brown Mottled VFT	Black Non-Fibrous Homogeneous			95% Non-fibrous (other)	5% Chrysotile
B21-Floor Tile 041408924-0021	Kitchen supply room - 12"x12" Brown Mottled VFT	Brown Non-Fibrous Homogeneous	_		100% Non-fibrous (other)	None Detected
B21-Mastic 041408924-0021A	Kitchen supply room - 12"x12" Brown Mottled VFT	Black Non-Fibrous Homogeneous			94% Non-fibrous (other)	6% Chrysotile

Analyst(s)

Alexis Kum (17) Juli Patel (12)

Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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200 Route 130 North, Cinnaminson, NJ 08077 (800) 220-3675 / (856) 786-5974 Phone/Fax:

http://www.EMSL.com

cinnasblab@EMSL.com

EMSL Order: CustomerID:

041408924

CustomerPO:

ATC52

ProjectID:

Attn: Jim Heron Cardno ATC 3 Terri Lane

Bromley Corp Center Burlington, NJ 08016

Phone:

(609) 386-8800

Fax:

(609) 386-7951

Received:

04/04/14 10:10 PM

Analysis Date:

4/10/2014

Collected:

3/31/2014

Project: Richard Stockton College / 68.45719.0001 / N Wing

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

Non-Asbestos <u>Asbestos</u>

Sample	Description	Appearance	%	Fibrou <u>s</u>	% Non-Fibrous		Туре
B22 041408924-0022	Kitchen supply room - 12"x12" Light Brown Mottled VFT	Brown Non-Fibrous Homogeneous			100% Non-fibrous (other)		None Detected
B23 041408924-0023	Kitchen supply room - 12"x12" Light Brown Mottled VFT	Brown Non-Fibrous Homogeneous			100% Non-fibrous (other)		None Detected
B24 041408924-0024	Kitchen supply room - Mastic for Browm Mottled & Light Brown VFT	Black Fibrous Homogeneous	5%	Cellulose	87% Non-fibrous (other)	8%	Chrysotile
B25 041408924-0025	Kitchen supply room - Mastic for Browm Mottled & Light Brown VFT	Black/Yellow Non-Fibrous Homogeneous			94% Non-fibrous (other)	6%	Chrysotile
B26 041408924-0026	Kitchen office - 12x12 Beige VFT (Floor Tile Only)	Cream Non-Fibrous Homogeneous			100% Non-fibrous (other)		None Detected
B27 041408924-0027	Kitchen office - 12x12 Beige VFT (Floor Tile Only)	Beige/Cream Non-Fibrous Homogeneous			100% Non-fibrous (other)		None Detected

Analyst(s)

Alexis Kum (17) Juli Patel (12)

Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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ID: 041408	G		ULK SAMPLE CHAII	HILLOSO NOF CUSTOE	a.www.p	3 Terri Lane ngton, NJ 08016 cassociates.com 609.386.8800 ax 609.386.7951
Client:	Richard	Stockton College	CINNAMINSON, H.J.	n Heron Jinfle	Date:	3/31/14
Project # / Task:	68.	45719,0001	(Print & Sign)		Date:	
Facility/Bldg:	N	WWG	Samples Received By: (Print & Sign)	with Drop	Date:	4/4/14
Project Mgr.	John Lui	Z	Samples Analyzed By: (Print & Sign)		Date:	10:00

	Sampl	e Tpřnaround Tline:	Alm the second	
24 Hours 🗆	48 Hours 🗆	5 Days 🔯	Immediate 🗆	Hours
Contact Information &	Results Distribution:	ell Phone	☑E-Mail	
Name: John Lutz	Cell Phone: 609-571-7522	Fax: 609-386-7951	E-Mail: john.lt	utz@cardno.com

Sample &	Type & Description of Material	Frie Yes	4.7	Location	Analysis Method	Result
BØ1	21x21 white SCT w/ Sandpaper Texture	χ		POLLING CENTER	PLM	
BØ2		×	ie ie	POZLING CENTER	PLM	
B03	SHEETROCK		χ	BUING CENTER	PZM	
BØ4	JOHN COMPOND		X	POLLING CENTER	PLM	
BØ5	12"x12" Grodlack Ceiling	K		HALL BY POLLING	PM	
1206	12"x12" Grallak Ceiling	V		HALL BY POLLING	PLM	
B&7	2'x4' SCT W/SMALL & MEDIUM CRAYERS	X		HAR BY BUING	PLM	
B48	21x41SG W SMALL & MEDIUM CRATERS	X		MEDITATION ROOM	PLM	
809	12"x12" CREAM VFT		x	WORK AREA BY MER	PLM	
BIØ	12" x12" (ream VFT		X	KITCHEN OFFICE (H)	PLM	
B11	MASTIC FOR SAMPLE #BØ9		x	WORK AREA BY MER	PLM	
B12	MASTIC FOR SAMPLE ABIO		×	1 1	PZM	
B13	END CAP ON FUPE		K	2NO FLOOR MER	PZM	
314	JOINT COMPOND		×	KITCHEN	PLM	
B15	2'x4' Plan white SCT		×	1	PLM	

Special Instructions:



041408924

3 Terri Lane Burlington, NJ 08016 www.atcassociates.com 609.386.8800

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

Fax 609.386.7951

	1	CINNAMINSON U		
Client:	Richard Stockton Colle	Samples Collècted By: (Print & Sign)	Jim Heron Juntu	Date: 3/31/14
Project # / Task:	68.45719.0			Date:
Facility/Bldg:	NWW	Samples Received By: (Print & Sign)		Date:
Project Mgr.	John Lutz	Samples Analyzed By: (Print & Sign)		Date:

	4444	-Sample T	urnaround Time:	and the second		
24 Hours 🗆	48 Hours 🗆	5	Days 🏿	Immediate		Hours D
Contact Information & Results Distribution:			I Cell Phone ☐Fax [☑ E-Mail	
Name: John Lutz	Cell Phone: 609-57	71-7522	Fax: 609-386-79	51 E-Mail:	john.lı	utz@cardno.com

Sample #	Type & Description of Material	Friable Yes No	Location	Analysis Result
B16	2'x4' Planwhit SCT	×	Kitchen	PLM
B17	END CAP ON FGPI)	JST FL. MER	PLM
B18	END CAP ON FURI	X	IST FLOOR MER	PLM
B19	sherrock	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	AT FLOOR MER	PLM
Bro	12212 BROWN MOTTLED	X	KITCHEN SURPLY ROOM	PLM
B21	12" ×12" BROWN MOTTLED	X	KITCHEN SUPPLY ROOM	PZM
1322	12"x12" LIGHT BROWN MOTILED VET	X		PZM
1323	12"x12" LIGHT BROWN MOTTLED VFT	X		PLM
B24	MASTIC FOR BROWN VFT	X		PLM
B25		Y	4 4	PLM
B26	12412 Beige VFT (FLOOR TILF CALY)	X	KITCHEN OFFICE	PLM
MA	124/2 Beige VFT (FWA TILE ONLY)	×	KITCHEN OFFICE	PLM

Special Instructions:

WATER STATION



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: Customer ID:

Customer PO:

Project ID:

041410676

ATC52

Attn: John Lutz

Cardno ATC 3 Terri Lane

Bromley Corp Center Burlington, NJ 08016 Phone:

(609) 386-8800

Fax: Collected: (609) 386-7951 4/17/2014

Received:

4/21/2014

Analyzed:

5/05/2014

RICHARD STOCKTON COLLEGE / 68.45719.0001 / WATER PLANT Proj:

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:

B01

Lab Sample ID:

Comment

041410676-0001

Sample Description:

WALL/SHEETROCK

Analyzed

Non-Asbestos

Asbestos

TEST PLM

Date 4/27/2014

Analyzed

Date

Analyzed

Date

Analyzed

Date

4/28/2014

4/27/2014

4/28/2014

Non-Fibrous Fibrous 6%

94%

None Detected

041410676-0002 Lab Sample ID:

Client Sample ID: Sample Description: B02

WALL/SHEETROCK

Color

Brown/Gray

Color

White

Color

White

Color

White

Color

White

Color

Gray

Color

White

Non-Asbestos

Asbestos

Comment

PLM Client Sample ID:

TEST

Non-Fibrous Fibrous

12%

0%

None Detected 88%

Lab Sample ID:

041410676-0003

Sample Description:

WALL/JOINT COMPOUND

Non-Asbestos Fibrous Non-Fibrous

TEST PLM

B04

Asbestos None Detected Comment

Lab Sample ID:

041410676-0004

Client Sample ID:

Sample Description:

WALL/JOINT COMPOUND

Non-Asbestos

Fibrous

Non-Fibrous

42%

100%

Asbestos

Comment

Client Sample ID:

PLM

PLM

PLM

TEST

100%

None Detected

B05

Lab Sample ID:

Comment

041410676-0005

Sample Description:

NEAR CIRC. PUMPS/MUD FITTING ON FGPI

Analyzed

Date

4/27/2014

Non-Asbestos

Asbestos

TEST

Fibrous Non-Fibrous 55%

0%

3% Chrysotile

Lab Sample ID:

041410676-0006

Client Sample ID:

Sample Description:

NEAR CIRC. PUMPS/MUD FITTING ON FGPI

Analyzed

Non-Asbestos

Non-Fibrous **Fibrous** 55% 42%

Asbestos 3% Chrysotile

Client Sample ID:

TEST

B07

Lab Sample ID:

Comment

041410676-0007

Sample Description:

NEAR CIRC. PUMPS/MUD FITTING ON FGPI

Analyzed

Non-Asbestos

47%

Asbestos

TEST

Date 4/28/2014

Date

4/27/2014

Comment

PIM

Fibrous Non-Fibrous

50%

3% Chrysotile



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041410676

ATC52

Customer PO: Project ID:

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:

B08

Lab Sample ID:

041410676-0008

Sample Description:

EXTERIOR DOOR/DOOR CAULK

Date

Analyzed Color

White

White /Black

Color

White

Non-Asbestos Fibrous Non-Fibrous

Comment

PLM TEM Grav. Reduction

TEST

4/27/2014 5/05/2014

0% 0.0%

100% 94.5%

100%

Asbestos None Detected 5.5% Anthophyllite

Lab Sample ID:

041410676-0009

Client Sample ID: Sample Description:

EXTERIOR DOOR/DOOR CAULK

Analyzed Date

4/28/2014

Non-Ashestos Fibrous Non-Fibrous

0%

Asbestos

None Detected

Comment

Recommend TEM

TEST

PLM

Analyst(s)

Shane Feret

Frank Dicrescenzo Sandy Burany, Ph.D PLM PLM

TEM Grav, Reduction

(4) (1) (5)

> Stephen Siegel, CIH, Laboratory Manager or other Approved Signatory

Any questions please contact Steve Siegel.

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

Initial report from: 04/28/201415:15:32

Shaping the Future

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

Fax 609.386.7951

		and the same of the same of the	<u> </u>	<u> </u>
Client:	Richard Stockton College	Samples Collected By: (Print & Sign)	Jim Heron John	Date: 4/17/14
Project # / Task:	68.45719.0001	Samples Transported By: (Print & Sign)		Date:
Facility/Bldg:	WATER PLANT	Samples Received By: (Print & Sign)	AM WI 2:30	Date: 4/21/14
Project Mgr.	John Lutz	Samples Analyzed By: (Print & Sign)		Date:

	Sample T	urnaround Time:	
24 Hours 🗆	48 Hours 🗆 5	Days 🛍 📗 I	mmediate 🗆 Hours 🗆
Contact Information &	Results Distribution: 🔲 Cell F	Phone	ZE-Mail
Name: John Lutz	Cell Phone: 609-571-7522	Fax: 609-386-7951	E-Mail: john.lutz@cardno.com

Sample		Fris	ible .	Location	Analysis	Result
• #	Type & Description of Material	Yes	No	Location	Method	F 134 (15)
B\$1	Sheetrock		X	Wall	PEM	(20 (5 (6 (4) (7 (6 (6 (
B\$2	Sheetrock		×	wall	PLM	
B03	JOINT COMPOUND		x	Wall	PLM	
BØ4	DOWT COMPOUND		K	wall	PLM	
BØ5	Mud Fitting on FGPI	X		Near Circ. Pumps	PLM	
1306		×			Pzny	
BØ7	V V	x		4 4	PZM	
Bø8	Doop CAVIL		X	EXTERIOR DOR	PZM	
1309	Door CAULK		×	1	PRM	
					CINNAMINE	
M					7.00	
					о́н, н Р 3	
-27 (2)					J.	
						+1.
						,

Special Instructions:

APPENDIX C INSPECTOR AND LABORATORY ACCREDITATIONS

Certificate of Completion

James Heron

for successfully completing the prescribed course of study in

Building Inspector Refresher Course Pennsylvania Asbestos

under TSCA Title II

ACCESS TRAINING SERVICES, INC. 7921 River Road, Pennsauken, NJ 08110

(856) 665-3449

ACC-0214-6-004 Certificate Number Exam Date N/A Social Security Number Not Provided Course Date 2/19/14

Mark K. Schläger

Expiration Date

Training Director

APPENDIX D PRIOR SURVEY REPORT OF WING "F"



A Service Disabled Veteran Owned Small Business TTI Environmental Incorporated 1253 N. Church Street Moorestown, New Jersey 08057

Tel: 856-840-8800 Fax: 856-840-8815

INSPECTION, SAMPLING AND ANALYSIS

of

The Richard Stockton College of NJ F - Wing

for

ASBESTOS-CONTAINING BUILDING MATERIAL

Conducted at the request of

Mr. Donald Woolslayer **The Richard Stockton College of NJ**101 Vera King Farms Dr.

Galloway, NJ 08205

Project No. 13-1135

November 27, 2013



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II.	INTRODUCTION	4
III.	INSPECTION, SAMPLING AND ANALYSIS METHODOLOGYA. Inspection Methodology B. Sampling and Analysis Methodology	5
IV.	RECOMMENDATIONS	7
	Appendix A: List of Materials Appendix B: Asbestos Summary Appendix C: Non-Asbestos Summary Appendix D: Material Reports and Analytical Data	



Richard Stockton College of New Jersey TTI Project No. 13-1135 November 27, 2013 Page 3 of 7

I. <u>EXECUTIVE SUMMARY</u>

TTI Environmental, Inc. (TTI) performed a limited visual and non-destructive asbestos inspection in the F-Wing of The Richard Stockton College of NJ. The inspection was conducted on October 24-25 and 28, 2013. During the inspection, suspect Asbestos-Containing Building Materials (ACBM) were sampled and quantified.

Laboratory analysis of the suspect materials revealed an asbestos content of greater than one percent (1%) in the following materials or the materials are assumed to contain asbestos:

Materials

- Ceiling Foam Tack Glue
- Mastic associated with 12" Speckled Beige Floor Tile
- Transite Type Board
- Transite Type Fume Hoods (Assumed)
- Slate Lab Table Tops (Assumed)
- Slate Beaker Drying Racks (Assumed)
- Firedoors (Assumed)

The homogeneous area ID numbers and the complete Asbestos Summary including recommendations can be found in Appendices A and B to this report respectively. For complete information regarding location and sampling of these materials, see Appendix C to this report.

Michael R Stocku Project Manager



Richard Stockton College of New Jersey TTI Project No. 13-1135 November 27, 2013 Page 4 of 7

II. <u>INTRODUCTION</u>

TTI was requested by Mr. Donald Woolslayer, The Richard Stockton College of NJ to conduct an inspection of the F-Wing inside Richard Stockton College in Galloway, NJ. The purpose of the inspection was to locate, sample, and quantify ACBM throughout the building.

The inspection was performed by United States Environmental Protection Agency (USEPA) Accredited Building Inspector, William Clark (#ACC-0513-6-009) who conducted a detailed visual examination of the building for suspect ACBM. This included collecting bulk samples, as well as quantifying both friable and non-friable suspect material.

The results, assessments and conclusions stated in this report are factually representative of the conditions and circumstances we observed on the date of our inspection. We cannot assume responsibility for any change in conditions or circumstances that occurred subsequent to our inspection.



Richard Stockton College of New Jersey TTI Project No. 13-1135 November 27, 2013 Page 5 of 7

III. INSPECTION, SAMPLING AND ANALYSIS METHODOLOGY

A. <u>Inspection</u>

The inspection was conducted in accordance with the guidelines established by the Asbestos Hazard Emergency Response Act (AHERA), as set forth in 40 CFR Part 763 of October 30, 1987, and provides a framework for addressing asbestos in public and private schools. The AHERA guidelines represent the most up-to-date inspection and sampling protocol available and as such were utilized while inspecting and sampling.

The USEPA defines "Homogeneous Areas" as those areas of surfacing, thermal system insulation, or miscellaneous materials, which are uniform in color, texture, and assumed to be installed at the same time. The suspected ACBM has been categorized into homogeneous areas. This assigned ID number can be used for cross-referencing between each section of the report.

For the purposes of this inspection, suspect ACBM has been placed in three material categories: surfacing, thermal and miscellaneous.

Surfacing materials are those that are sprayed-on, troweled-on or otherwise applied to surfaces.

Thermal materials are those applied to heat pipes or other structural components to prevent heat loss or gain or prevent water condensation. Thermal materials are characterized by their form or composition. For example, block pipe insulation is preformed magnesia and/or fibrous material molded for piping and usually covered with a canvas jacket stitched at the seams. It can be identified as hard to the touch when the jacket is intact or white and fibrous when exposed by a breech in the jacket. Cardboard pipe insulation when exposed from its protective jacket consists of layers of brown or gray cardboard pressed together and is typically found on domestic cold water piping. Air-cell is corrugated gray cardboard in layers, usually preformed for the diameter of the pipe in 2 to 3 foot sections and may have a canvas jacket. The block type pipe insulation is typically used where a high coefficient of insulation is desired or required.

Pipe fitting insulation on pipe runs insulated with fiberglass and which contain asbestos are usually hand molded mud applied to the fitting and may have a canvas wrapping over the material. The newer non-asbestos pipe fitting insulation is typically fiberglass covered with a PVC jacket.



Richard Stockton College of New Jersey TTI Project No. 13-1135 November 27, 2013 Page 6 of 7

III. INSPECTION, SAMPLING AND ANALYSIS METHODOLOGY (Continued)

A. <u>Inspection (continued)</u>

Miscellaneous materials are interior building materials on structural components, structural members or fixtures such as floor and ceiling tiles and do not include surfacing material or thermal system insulation.

Please note that destructive or exploratory sampling methods were not employed during the survey. In addition, access was limited to certain areas; therefore, TTI made a prudent effort to identify all accessible asbestos material in the building. During the sampling of floor tile several areas contained multiple layers of tile. Since destructive sampling methods were not employed, in accordance with current USEPA guidelines, tile layers below the surface are assumed to contain asbestos.

Due to the limited access to the materials listed above, quantification of these materials was not conducted during this inspection.

B. <u>Sampling and Analysis</u>

The USEPA requires that bulk samples of suspect ACBM be collected in a manner sufficient to determine whether this material is ACBM. ACBM is any building material, which contains more than 1% asbestos. Generally, for thermal system areas or miscellaneous areas, three (3) bulk samples randomly taken are required to determine that suspected material is not ACBM. Suspect surfacing materials sprayed or troweled-on may require up to nine (9) bulk samples, depending on area size, to determine whether the material is ACBM.

Samples were taken in sufficient quantity in each Homogeneous Area to reliably determine the presence of asbestos. Analysis of samples collected in conjunction with this report was conducted by the following methods:

- EPA 600/R-93/116
- . Transmission Electron Microscopy (TEM) in accordance with ELAP 198.4, revised 1/11/2005 and EPA-600/R-93/116 Section 2.5



Richard Stockton College of New Jersey TTI Project No. 13-1135 November 27, 2013 Page 7 of 7

IV. RECOMMENDATIONS

TTI recommends that all identified asbestos containing materials that will be directly impacted during the course of the proposed renovation activities be properly removed and disposed of as asbestos containing waste. All asbestos containing materials that will not be directly impacted, but are within close proximity with a high potential for disturbance, should also be removed and disposed of as asbestos containing waste. Any required abatement activities shall be conducted according to all applicable local, state and federal regulations and be performed by a New Jersey certified and licensed asbestos abatement contractor.

Any damaged asbestos containing materials shall be repaired prior to the start of renovation activities. The damaged materials shall be repaired and or stabilized in a manner that eliminates a potential fiber release. It is recommended that all repair activities be performed by a New Jersey certified and licensed asbestos abatement contractor.

All asbestos containing materials identified that will not be impacted during the proposed renovation activities may remain intact and undisturbed within the building. It is recommended that the all remaining materials be included in an operations and maintenance (O&M) program. As part of the O&M program, the condition of the remaining materials shall be periodically checked. If any of the materials become damaged, then the appropriate corrective actions must be performed to ensure the safety of the building occupants.

TTI was not provided work plans or specifications describing details of any proposed renovation activities. Therefore TTI cannot make recommendations on each specific asbestos containing material identified during the inspection. If TTI is provided a copy of the 100% specification plan for the renovation, TTI could revise this report to include individual recommendations for each material.



Appendix A

List of Materials

List of Materials

The Richard Stockton College of New Jersey

F-Wing

Project No: 13-1135

Homogeneous No.	Material Name	Type of Material	Material Contains >1% Asbestos
01	2'x4' Ceiling Tiles, Lay In	Miscellaneous	No
02	2'x2' Floor Tiles (Yellow)	Miscellaneous	No
03	Drywall Joint Compound	Surfacing	No
04	12"x12" Floor Tiles (Tan Multi)	Miscellaneous	No
05	Ceiling Tack Glue	Miscellaneous	Yes
06M	Mastic associated with 12"x12" Floor Tiles (Speck. Beige)	Miscellaneous	Yes
06T	12"x12" Floor Tiles (Speck. Beige)	Miscellaneous	No
07	2'x4' Ceiling Tiles, Square	Miscellaneous	No
08	Covebase Mastic (Black)	Miscellaneous	No
09	2'x2' Ceiling Tiles (Brown Swirl)	Miscellaneous	No
10	Linoleum (Tan)	Miscellaneous	No
11	Joints associated with Fiberglass Pipe Insulation (2")	Thermal	No
12	Joints associated with Fiberglass Pipe Insulation (8")	Thermal	No
13	Joints associated with Fiberglass Pipe Insulation (6")	Thermal	No
14	Joints associated with Fiberglass Pipe Insulation (4")	Thermal	No
15	Joints associated with Fiberglass Pipe Insulation (1/2")	Thermal	No
16	Joints associated with Fiberglass Pipe Insulation (12")	Thermal	No
17	Transite Panel	Miscellaneous	Yes
18	2'x2' Ceiling Tiles, Lay In	Miscellaneous	No
19	Covebase Mastic (Beige)	Miscellaneous	No
20	Covebase Mastic (Brown)	Miscellaneous	No
21	Covebase Mastic (Grey)	Miscellaneous	No
22	12"x12" Floor Tiles (Lt. Blue)	Miscellaneous	No
23	12"x12" Floor Tiles (Lt Green)	Miscellaneous	No
24	12"x12" Floor Tiles (Brown, Black Speck.)	Miscellaneous	No
25	12"x12" Floor Tiles (Tan, Brown)	Miscellaneous	No
26	12"x12" Floor Tiles (Aqua)	Miscellaneous	No
27	2'x2' Ceiling Tiles, Textured	Miscellaneous	No
28	Blown in Insulation	Miscellaneous	No
29	Ceiling Tiles, Lay In (Tan)	Miscellaneous	No
30	Transite Fume Hood	Miscellaneous	Yes
31	Lab Table Tops	Miscellaneous	Yes

List of Materials

The Richard Stockton College of New Jersey

F-Wing

Project No: 13-1135

Homogeneous No.	Material Name	Type of Material	Material Contains >1% Asbestos
32	Beaker Drying Racks	Miscellaneous	Yes
33	2"x4" Ceiling Tiles, Textured	Miscellaneous	No
34	Ceiling Material	Surfacing	No
35	Foam Glue Dot.	Miscellaneous	No
36	Fiberglass Outer Pipe Insulation Covering	Thermal	No
37	Fire Doors	Miscellaneous	Yes



Appendix B

Asbestos Summary

Asbestos Summary

The Richard Stockton College of New Jersey Client:

Facility: F-Wing Project No 13-1135

<u>Location</u>	Hom No.	<u>Material Name</u>	<u>Amount</u>	<u>Units</u>	Amount of Damage	Potential for	<u>Airflow</u>	<u>Exposure</u>	Recommended Abatement Procedure
<u>F001A</u>									
<u>FUUTA</u>	05	Ceiling Tack Glue	20	LF		Slight	Slight	Slight	O&M
F001E Bio Pre	<u>p</u>								
	30	Transite Fume Hood	32	SF		Slight	Slight	Slight	O&M
	31	Lab Table Tops	80	SF		Slight	Slight	Slight	O&M
F001F Chem S	torage								
	06M	Mastic associated with 12"x12" Floor Tiles (Speck. Beige)	200	SF		Slight	Slight	Slight	O&M
F002 Biology									
	31	Lab Table Tops	1,200	SF		Slight	Slight	Slight	O&M
F003 Gen. Che	<u>em.</u>								
	31	Lab Table Tops	2,000	SF		Slight	Slight	Slight	O&M
F004 Field Ana									
	31	Lab Table Tops	150	SF		Slight	Slight	Slight	O&M
F004C									
	31	Lab Table Tops	50	SF		Slight	Slight	Slight	O&M
F004D	0.4	Lab Table Tage	40	05		Olimba	Oliver 1	Oli Li	0014
	31	Lab Table Tops	40	SF		Slight	Slight	Slight	O&M

Condition Assessments

<u>Friability</u> - Ability of asbestos to be crumbled, pulverized or reduced to powder by normal hand

The physical state of the ACBM at time of inspection. Indicates friable asbestos due to physical damage, product deterioration, water damage, etc.

Moderate: Noticeable damage, exposed ends
Slight: Select areas, minor breech of encapsulation
Total encapsulation

The potential for the ACBM to sustain further physical damage. Indicate the ACM accessibility, proximity to repair items, traffic and any other disturbances that could cause the asbestos to become friable.

Extreme: In walkway, stairwell, continual access by

occupants

Moderate: In select areas of maintenance (Boiler, A/C Room)

Above ceilings, unexposed pipes, ducts, floor decks, etc.
Sealed in pipechase, wall, etc.

The potential for the surrounding airstream to induce friable ACBM to emit fibers. Identifies the relative movement, and factors that affect airborne fibers, such as ventilation, physical

Extreme: Supply or return plenum only Moderate: Common airspace w/room Above ceilings, in small rooms, etc. Sealed in pipechase, wall, etc.

The relative exposure of building occupants to the ACBM. This criteria shall be established for friable ACM that may pose a health hazard.

Moderate: Airborne fibers likely, requires attention

Operations and Maintenance (O & M) - A program of work practices to maintain ACBM in good condition, ensure clean up of asbestos fibers previously released and prevent further release by minimizing and controlling ACBM disturbance or damage

O & M procedures should be performed by properly trained maintenance

Encapsulation - The treatment of ACBM with a material that surrounds or embeds asbestos fibers in an adhesive matrix to prevent the release of fibers. Encapsulation should be accomplished by a licensed abatement contractor

Repair - Returning damaged ACBM to an undamaged condition or to an intact state to prevent fiber release. Repair procedures should be performed by properly trained personnel.

Removal - The taking out or stripping of substantially all ACBM from an area, functional space or homogeneous area in a facility. Removal should be conducted by a New Jersey licensed abatement contractor.

Asbestos Summary

The Richard Stockton College of New Jersey Client:

Facility: F-Wing Project No 13-1135

<u>Location</u>	<u>Hom</u> <u>No.</u>	<u>Material Name</u>	<u>Amount</u>	<u>Units</u>	Amount of Damage	Potential for	<u>Airflow</u>	<u>Exposure</u>	Recommended Abatement Procedure
F004D Ind.Bio									
F004D IIIQ.BIC	<u>2</u> 31	Lab Table Tops	40	SF		Slight	Slight	Slight	O&M
F005 Bio Metl	hods								
	31	Lab Table Tops	1,300	SF		Slight	Slight	Slight	O&M
	32	Beaker Drying Racks	30	SF		Slight	Slight	Slight	O&M
F006 Physiological	<u>ogy</u>								
	31	Lab Table Tops	1,300	SF		Slight	Slight	Slight	O&M
	32	Beaker Drying Racks	50	SF		Slight	Slight	Slight	O&M
F007 Ind. Che	<u>em</u>								
	31	Lab Table Tops	1,800	SF		Slight	Slight	Slight	O&M
	32	Beaker Drying Racks	40	SF		Slight	Slight	Slight	O&M
<u>F009</u>									
	31	Lab Table Tops	300	SF		Slight	Slight	Slight	O&M
F010 Cont									
	31	Lab Table Tops	1,600	SF		Slight	Slight	Slight	O&M
	32	Beaker Drying Racks	30	SF		Slight	Slight	Slight	O&M
<u>F012</u>									
	31	Lab Table Tops	1,100	SF		Slight	Slight	Slight	O&M

Condition Assessments

Friability - Ability of asbestos to be crumbled, pulverized or reduced to powder by normal hand

The physical state of the ACBM at time of inspection. Indicates friable asbestos due to physical damage, product deterioration, water damage, etc.

Moderate: Noticeable damage, exposed ends
Slight: Select areas, minor breech of encapsulation
Total encapsulation

The potential for the ACBM to sustain further physical damage. Indicate the ACM accessibility, proximity to repair items, traffic and any other disturbances that could cause the asbestos to become friable.

Extreme: In walkway, stairwell, continual access by occupants

Moderate: In select areas of maintenance (Boiler, A/C

Room) Above ceilings, unexposed pipes, ducts, floor decks, etc.
Sealed in pipechase, wall, etc.

The potential for the surrounding airstream to induce friable ACBM to emit fibers. Identifies the relative movement, and factors that affect airborne fibers, such as ventilation, physical

Extreme: Supply or return plenum only Moderate: Common airspace w/room Above ceilings, in small rooms, etc. Sealed in pipechase, wall, etc.

The relative exposure of building occupants to the ACBM. This criteria shall be established for friable ACM that may pose a health hazard.

Moderate: Airborne fibers likely, requires attention

Operations and Maintenance (O & M) - A program of work practices to maintain ACBM in good condition, ensure clean up of asbestos fibers previously released and prevent further release by minimizing and controlling ACBM disturbance or damage

O & M procedures should be performed by properly trained maintenance

Encapsulation - The treatment of ACBM with a material that surrounds or embeds asbestos fibers in an adhesive matrix to prevent the release of fibers. Encapsulation should be accomplished by a licensed abatement contractor

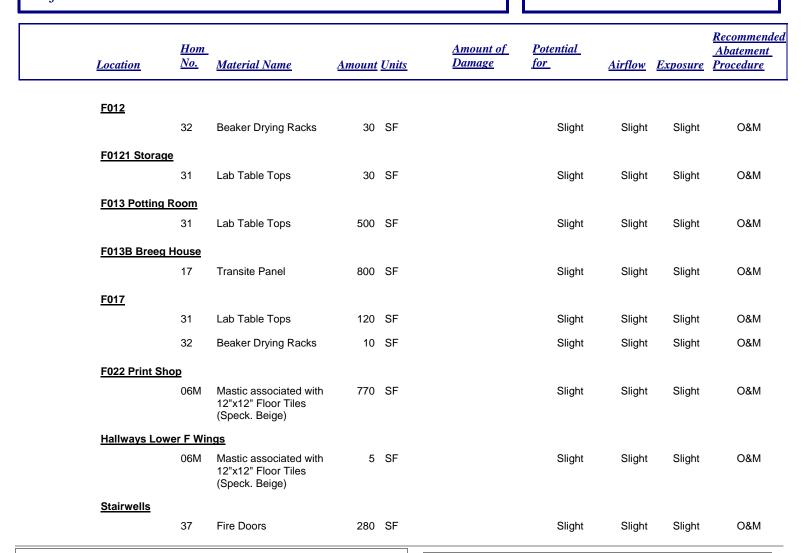
Repair - Returning damaged ACBM to an undamaged condition or to an intact state to prevent fiber release. Repair procedures should be performed by properly trained personnel.

Removal - The taking out or stripping of substantially all ACBM from an area, functional space or homogeneous area in a facility. Removal should be conducted by a New Jersey licensed abatement contractor.

Asbestos Summary

Client: The Richard Stockton College of New Jersey

Facility: F-Wing Project No 13-1135



Condition Assessments

Friability - Ability of asbestos to be crumbled, pulverized or reduced to powder by normal hand

The physical state of the ACBM at time of inspection. Indicates friable asbestos due to physical damage, product deterioration, water damage, etc.

Visibly friable, crumbling, flaking Moderate: Noticeable damage, exposed ends Select areas, minor breech of encapsulation
Total encapsulation

The potential for the ACBM to sustain further physical damage. Indicate the ACM accessibility, proximity to repair items, traffic and any other disturbances that could cause the asbestos to become friable.

Extreme: In walkway, stairwell, continual access by

Moderate: In select areas of maintenance (Boiler, A/C Room)

Above ceilings, unexposed pipes, ducts, floor decks, etc.
Sealed in pipechase, wall, etc.

The potential for the surrounding airstream to induce friable ACBM to emit fibers. Identifies the relative movement, and factors that affect airborne fibers, such as ventilation, physical

Extreme: Supply or return plenum only Moderate: Common airspace w/room Above ceilings, in small rooms, etc Sealed in pipechase, wall, etc.

The relative exposure of building occupants to the ACBM. This criteria shall be established for friable ACM that may pose a health hazard

Imminent hazard

Moderate: Airborne fibers likely, requires attention Disturbance by maintenance personnel only Asbestos is not friable

Abatement Procedures

Operations and Maintenance (O & M) - A program of work practices to maintain ACBM in good condition, ensure clean up of asbestos fibers previously released and prevent further release by minimizing and controlling ACBM disturbance or damage

O & M procedures should be performed by properly trained maintenance

Encapsulation - The treatment of ACBM with a material that surrounds or embeds asbestos fibers in an adhesive matrix to prevent the release of fibers. Encapsulation should be accomplished by a licensed abatement contractor

Repair - Returning damaged ACBM to an undamaged condition or to an intact state to prevent fiber release. Repair procedures should be performed by properly trained personnel.

Removal - The taking out or stripping of substantially all ACBM from an area, functional space or homogeneous area in a facility. Removal should be conducted by a New Jersey licensed abatement contractor.



Appendix C

Non-Asbestos Summary

The Richard Stockton College of New Jersey

F-Wing

Location Hom	ogeneous No.	Material Name	Amount
2nd Floor F225			
	20	Covebase Mastic (Brown)	75 LF
	27	2'x2' Ceiling Tiles, Textured	600 SF
Animal Rooms			
	33	2"x4" Ceiling Tiles, Textured	60 SF
F Hallways Classrooms			
1 Hallways Classicollis	03	Drywall Joint Compound	180 SF
	20	Covebase Mastic (Brown)	110 LF
	27	2'x2' Ceiling Tiles, Textured	1,100 SF
	28	Blown in Insulation	8 SF
F Wing Elevator			
r wing Lievator	23	12"x12" Floor Tiles (Lt Green)	25 SF
F Wing Hallway Outside F201, F2	18 16	Joints associated with Fiberglass Pipe Insulation (12")	5 SF
F001 Staff		ripe insulation (12)	
F001 Stall	01	2'x4' Ceiling Tiles, Lay In	440 SF
	02	2'x2' Floor Tiles (Yellow)	440 SF
	03	Drywall Joint Compound	800 SF
		•	
F001A	01	2'v4' Coiling Tiles Lov In	96 SF
	03	2'x4' Ceiling Tiles, Lay In Drywall Joint Compound	240 SF
	04	12"x12" Floor Tiles (Tan Multi)	96 SF
	04	12 X12 Floor Flies (Tarriviality)	30 01
F001C			05
	01	2'x4' Ceiling Tiles, Lay In	128 SF
	03	Drywall Joint Compound	200 SF
	25	12"x12" Floor Tiles (Tan, Brown)	128 SF
F001D Storage Bio			
	01	2'x4' Ceiling Tiles, Lay In	400 SF
	02	2'x2' Floor Tiles (Yellow)	400 SF
	03	Drywall Joint Compound	100 SF
	14	Joints associated with Fiberglass Pipe Insulation (4")	2 LF
F001E Bio Prep			
	01	2'x4' Ceiling Tiles, Lay In	320 SF

The Richard Stockton College of New Jersey

F-Wing

Loca	ation	Homogeneous No.	Material Name	Amount
F00 ²	1E Bio Prep			
		02	2'x2' Floor Tiles (Yellow)	320 SF
F00 ⁻	IF Chem Storage			
	-	01	2'x4' Ceiling Tiles, Lay In	384 SF
		02	2'x2' Floor Tiles (Yellow)	120 SF
		03	Drywall Joint Compound	100 SF
		06T	12"x12" Floor Tiles (Speck. Beige)	200 SF
F00°	1F Hall outside Print	Shop		
1.00	Trail octoide Frinc	11	Joints associated with Fiberglass Pipe Insulation (2")	6 LF
F002	2 Biology			
		02	2'x2' Floor Tiles (Yellow)	2,940 SF
		03	Drywall Joint Compound	400 SF
		07	2'x4' Ceiling Tiles, Square	2,940 SF
		08	Covebase Mastic (Black)	120 LF
F003	3 Gen. Chem.			
, 550	-	02	2'x2' Floor Tiles (Yellow)	2,200 SF
		03	Drywall Joint Compound	300 SF
		07	2'x4' Ceiling Tiles, Square	2,200 SF
		08	Covebase Mastic (Black)	100 LF
F00/	4 Field Anatomy			
1002	Frield Anatomy	01	2'x4' Ceiling Tiles, Lay In	440 SF
		02	2'x2' Floor Tiles (Yellow)	440 SF
		03	Drywall Joint Compound	180 SF
		08	Covebase Mastic (Black)	80 LF
F00	4D		• •	
F004	+D	01	2'x4' Ceiling Tiles, Lay In	85 SF
		02	2'x2' Floor Tiles (Yellow)	85 SF
		03	Drywall Joint Compound	28 SF
		30	,	20 0.
F004	4C	0.4	Ohadi Califor Tilaa I saala	40.05
		01	2'x4' Ceiling Tiles, Lay In	40 SF
		02	2'x2' Floor Tiles (Yellow)	100 SF
		03	Drywall Joint Compound	100 SF
F004	4D			
		01	2'x4' Ceiling Tiles, Lay In	40 SF

The Richard Stockton College of New Jersey

F-Wing

L	ocation	Homogeneous No.	Material Name	Amount
F	F004D			
		02	2'x2' Floor Tiles (Yellow)	80 SF
		03	Drywall Joint Compound	80 SF
F	F004D Ind.Bio			
		01	2'x4' Ceiling Tiles, Lay In	120 SF
		02	2'x2' Floor Tiles (Yellow)	120 SF
		03	Drywall Joint Compound	120 SF
E	F005 Bio Methods			
'	000 Bio Metrious	02	2'x2' Floor Tiles (Yellow)	1,200 SF
		03	Drywall Joint Compound	85 SF
		07	2'x4' Ceiling Tiles, Square	1,200 SF
		08	Covebase Mastic (Black)	95 LF
_	TOOO Dhara'ala ma			
F	F006 Physiology	02	2'x2' Floor Tiles (Yellow)	1,200 SF
		03	Drywall Joint Compound	85 SF
		07	2'x4' Ceiling Tiles, Square	1,200 SF
		08	Covebase Mastic (Black)	95 LF
			(2.46.7)	33 <u>-</u> .
F	F006A Physiology Storage			450.05
		02	2'x2' Floor Tiles (Yellow)	150 SF
		07	2'x4' Ceiling Tiles, Square	150 SF
F	F007 Ind. Chem			
		02	2'x2' Floor Tiles (Yellow)	1,800 SF
		03	Drywall Joint Compound	800 SF
		07	2'x4' Ceiling Tiles, Square	2,100 SF
		08	Covebase Mastic (Black)	100 LF
		10	Linoleum (Tan)	300 SF
F	F008 Radio Isot			
		02	2'x2' Floor Tiles (Yellow)	150 SF
		07	2'x4' Ceiling Tiles, Square	150 SF
F	F009			
		02	2'x2' Floor Tiles (Yellow)	240 SF
		03	Drywall Joint Compound	80 SF
		07	2'x4' Ceiling Tiles, Square	240 SF
		08	Covebase Mastic (Black)	30 LF

The Richard Stockton College of New Jersey

F-Wing

Locatio	on Homogeneous No.	Material Name	Amount
F009			
	13	Joints associated with Fiberglass Pipe Insulation (6")	2 LF
F009A			
	02	2'x2' Floor Tiles (Yellow)	150 SF
	03	Drywall Joint Compound	50 LF
	07	2'x4' Ceiling Tiles, Square	150 SF
	08	Covebase Mastic (Black)	50 LF
F010 Co			
	08	Covebase Mastic (Black)	95 LF
F010 In	orgamic Chem		
	02	2'x2' Floor Tiles (Yellow)	1,872 SF
	03	Drywall Joint Compound	300 SF
	07	2'x4' Ceiling Tiles, Square	1,872 SF
F011			
	02	2'x2' Floor Tiles (Yellow)	70 SF
	03	Drywall Joint Compound	120 SF
	07	2'x4' Ceiling Tiles, Square	70 SF
	08	Covebase Mastic (Black)	48 LF
F012			
	02	2'x2' Floor Tiles (Yellow)	600 SF
	07	2'x4' Ceiling Tiles, Square	750 SF
	08	Covebase Mastic (Black)	85 LF
	10	Linoleum (Tan)	150 SF
F012A			
	02	2'x2' Floor Tiles (Yellow)	96 SF
	10	Linoleum (Tan)	96 SF
F013 Po	otting Room		
	02	2'x2' Floor Tiles (Yellow)	600 SF
	11	Joints associated with Fiberglass Pipe Insulation (2")	10 LF
F014			
	01	2'x4' Ceiling Tiles, Lay In	64 SF
	02	2'x2' Floor Tiles (Yellow)	64 SF
	08	Covebase Mastic (Black)	10 LF

The Richard Stockton College of New Jersey

F-Wing

Location	Homogeneous No.	Material Name	Amount
F015 Anima	ıl Diet		
	01	2'x4' Ceiling Tiles, Lay In	320 SF
	09	2'x2' Ceiling Tiles (Brown Swirl)	320 SF
	09	2'x2' Ceiling Tiles (Brown Swirl)	30 SF
F015A Frog	s		
	09	2'x2' Ceiling Tiles (Brown Swirl)	120 SF
F015B Frog	S		
	09	2'x2' Ceiling Tiles (Brown Swirl)	120 SF
F015C Aqua	arium		
	09	2'x2' Ceiling Tiles (Brown Swirl)	140 SF
F015D Anim	nal Room		
	09	2'x2' Ceiling Tiles (Brown Swirl)	110 SF
F015E Anim	nal Room		
	09	2'x2' Ceiling Tiles (Brown Swirl)	110 SF
F015F Anim	nal Room		
TOTOL AIMI	09	2'x2' Ceiling Tiles (Brown Swirl)	1,109 SF
F015G Anin	nal Room		
FUISG AIIII	09	2'x2' Ceiling Tiles (Brown Swirl)	110 SF
F047		,	
F017	03	Drywall Joint Compound	210 SF
		,	2.0 0.
F022 Hallwa	ay outside Print Shop 11	Joints associated with Fiberglass	5 LF
	11	Pipe Insulation (2")	J LF
	12	Joints associated with Fiberglass Pipe Insulation (8")	3 LF
	13	Joints associated with Fiberglass	3 LF
		Pipe Insulation (6")	
F022 Print S	Shop 01	2'x4' Ceiling Tiles, Lay In	770 SF
	03	Drywall Joint Compound	200 SF
	03 06T	12"x12" Floor Tiles (Speck. Beige)	770 SF
	08	Covebase Mastic (Black)	120 LF
F025 Mail R		Olyal Coiling Tiles I av la	050 05
	01	2'x4' Ceiling Tiles, Lay In Drywall Joint Compound	950 SF 400 SF

The Richard Stockton College of New Jersey

F-Wing

Location	Homogeneous No.	Material Name	Amount
F026			
	15	Joints associated with Fiberglass Pipe Insulation (1/2")	4 SF
F026 Mac Lab			
	01	2'x4' Ceiling Tiles, Lay In	320 SF
	03	Drywall Joint Compound	115 SF
	09	2'x2' Ceiling Tiles (Brown Swirl)	320 SF
F028 Auxiliary Services			
	03	Drywall Joint Compound	180 SF
	18	2'x2' Ceiling Tiles, Lay In	530 SF
	19	Covebase Mastic (Beige)	40 LF
F101 Graduate Program			
	03	Drywall Joint Compound	1,100 SF
	08	Covebase Mastic (Black)	45 LF
	09	2'x2' Ceiling Tiles (Brown Swirl)	500 SF
	18	2'x2' Ceiling Tiles, Lay In	420 SF
	23	12"x12" Floor Tiles (Lt Green)	250 SF
F103 Physical Therapy			
	03	Drywall Joint Compound	1,250 SF
	18	2'x2' Ceiling Tiles, Lay In	1,800 SF
	19	Covebase Mastic (Beige)	128 LF
	23	12"x12" Floor Tiles (Lt Green)	1,500 SF
	26	12"x12" Floor Tiles (Aqua)	60 SF
F103, F101, F106, F109,	F109G		
	28	Blown in Insulation	35 SF
F105B			
	34	Ceiling Material	100 SF
F106			
	36	Fiberglass Outer Pipe Insulation Covering	80 LF
F106 Classroom			
	01	2'x4' Ceiling Tiles, Lay In	1,050 SF
	03	Drywall Joint Compound	900 SF
	19	Covebase Mastic (Beige)	120 LF
	23	12"x12" Floor Tiles (Lt Green)	1,050 SF

The Richard Stockton College of New Jersey

F-Wing

Location	Homogeneous No.	Material Name	Amount
F107 Students Rights			
	01	2'x4' Ceiling Tiles, Lay In	600 SF
	03	Drywall Joint Compound	580 SF
	08	Covebase Mastic (Black)	48 LF
F109 Veteran Affairs			
	01	2'x4' Ceiling Tiles, Lay In	120 SF
	03	Drywall Joint Compound	860 SF
	08	Covebase Mastic (Black)	40 LF
F109F Veterans			
	01	2'x4' Ceiling Tiles, Lay In	220 SF
	03	Drywall Joint Compound	180 SF
	08	Covebase Mastic (Black)	85 LF
F109G			
	33	2"x4" Ceiling Tiles, Textured	100 SF
F109G 1st Veterans			
	03	Drywall Joint Compound	290 SF
	08	Covebase Mastic (Black)	105 LF
	18	2'x2' Ceiling Tiles, Lay In	225 SF
F110 Care			
	03	Drywall Joint Compound	200 SF
	08	Covebase Mastic (Black)	40 LF
	18	2'x2' Ceiling Tiles, Lay In	180 SF
F111 Lecture Hall			
TTT Zodalo Hall	03	Drywall Joint Compound	4,000 SF
	18	2'x2' Ceiling Tiles, Lay In	1,320 SF
	21	Covebase Mastic (Grey)	210 LF
F114 Computers			
compatero	03	Drywall Joint Compound	1,200 SF
	18	2'x2' Ceiling Tiles, Lay In	1,500 SF
	21	Covebase Mastic (Grey)	120 LF
F115 Classroom			
1 110 0/a55100111	02	2'x2' Floor Tiles (Yellow)	620 SF
	03	Drywall Joint Compound	450 SF
	21	Covebase Mastic (Grey)	110 LF
		(//	-

The Richard Stockton College of New Jersey

F-Wing

Location	Homogeneous No.	Material Name	Amount
F120 Seminar			
	03	Drywall Joint Compound	600 SF
	18	2'x2' Ceiling Tiles, Lay In	520 SF
	21	Covebase Mastic (Grey)	89 LF
F121,119,118 Classroom	1		
	03	Drywall Joint Compound	500 SF
	18	2'x2' Ceiling Tiles, Lay In	480 SF
	18	2'x2' Ceiling Tiles, Lay In	75 SF
F122 Conference Room			
	03	Drywall Joint Compound	180 SF
	18	2'x2' Ceiling Tiles, Lay In	300 SF
	20	Covebase Mastic (Brown)	90 LF
F137,135,133,131,129,12	27,125,123		
	03	Drywall Joint Compound	210 SF
	18	2'x2' Ceiling Tiles, Lay In	140 SF
	20	Covebase Mastic (Brown)	60 LF
F138,136,134,132,130,12	28,126,124		
	03	Drywall Joint Compound	240 SF
	18	2'x2' Ceiling Tiles, Lay In	160 SF
	20	Covebase Mastic (Brown)	70 LF
F198			
	03	Drywall Joint Compound	120 SF
	18	2'x2' Ceiling Tiles, Lay In	60 SF
	24	12"x12" Floor Tiles (Brown, Black Speck.)	60 SF
F199			
	03	Drywall Joint Compound	120 SF
	18	2'x2' Ceiling Tiles, Lay In	60 SF
	24	12"x12" Floor Tiles (Brown, Black Speck.)	60 SF
F201			
	13	Joints associated with Fiberglass Pipe Insulation (6")	2 LF
	18	2'x2' Ceiling Tiles, Lay In	120 SF
F202 Classroom			
	18	2'x2' Ceiling Tiles, Lay In	500 SF

The Richard Stockton College of New Jersey

F-Wing

Location	Homogeneous No.	Material Name	Amount
F203 Classroom			
	08	Covebase Mastic (Black)	95 LF
	18	2'x2' Ceiling Tiles, Lay In	520 SF
F204 Classroom			
	18	2'x2' Ceiling Tiles, Lay In	500 SF
F205 Classroom			
1 200 01000100111	08	Covebase Mastic (Black)	95 LF
	18	2'x2' Ceiling Tiles, Lay In	520 SF
E205 A Foculty			
F205A Faculty	03	Drywall Joint Compound	100 SF
	08	Covebase Mastic (Black)	50 LF
	18	2'x2' Ceiling Tiles, Lay In	200 SF
F000 C'	-	5	
F206 Classroom	08	Covebase Mastic (Black)	65 LF
	18	2'x2' Ceiling Tiles, Lay In	480 SF
	10	ZAZ Geiling Flies, Lay III	400 01
F207			05
	01	2'x4' Ceiling Tiles, Lay In	600 SF
	29	Ceiling Tiles, Lay In (Tan)	20 SF
F209			
	01	2'x4' Ceiling Tiles, Lay In	480 SF
F209 Classroom			
	01	2'x4' Ceiling Tiles, Lay In	480 SF
F2097 Electric			
. 2501 2.550.15	24	12"x12" Floor Tiles (Brown, Black Speck.)	80 SF
	27	2'x2' Ceiling Tiles, Textured	80 SF
F210			
. 210	01	2'x4' Ceiling Tiles, Lay In	400 SF
F240 Olasana ::		- ,	
F210 Classroom	01	2'x4' Ceiling Tiles, Lay In	384 SF
	O1	2X7 Coming Theo, Lay III	30 1 31
F211 A/B	2.	0, 1, 0, 11;	
	01	2'x4' Ceiling Tiles, Lay In	180 SF
F212			
	01	2'x4' Ceiling Tiles, Lay In	600 SF

The Richard Stockton College of New Jersey

F-Wing

Location	Homogeneous No.	Material Name	Amount
F213, A, B 214			
	01	2'x4' Ceiling Tiles, Lay In	96 SF
F215			
	01	2'x4' Ceiling Tiles, Lay In	550 SF
F215,218,212,211,204,20	03,202,201,205		
	28	Blown in Insulation	50 SF
F218			
	01	2'x4' Ceiling Tiles, Lay In	600 SF
F221			
1 22 1	20	Covebase Mastic (Brown)	75 LF
	27	2'x2' Ceiling Tiles, Textured	600 SF
F222		- ·	
F222	03	Drywall Joint Compound	500 SF
	20	Covebase Mastic (Brown)	140 LF
	27	2'x2' Ceiling Tiles, Textured	1,000 SF
E222		-	·
F223	20	Covebase Mastic (Brown)	75 LF
	27	2'x2' Ceiling Tiles, Textured	600 SF
F00.4		3 , 1 11 11	
F224	20	Covebase Mastic (Brown)	75 LF
	20 27	2'x2' Ceiling Tiles, Textured	600 SF
_	_,		000 01
F226	20	Covobose Mastia (Provin)	75 LF
	20 27	Covebase Mastic (Brown) 2'x2' Ceiling Tiles, Textured	75 LF 600 SF
	21	ZAZ Coming Thos, Textured	000 31
F227	00	Couchage Mestic (Presser)	00.15
	20 27	Covebase Mastic (Brown) 2'x2' Ceiling Tiles, Textured	60 LF 500 SF
	21	2 AZ Cening Tiles, Textureu	200 SF
F228 Faculty Room	_		
	03	Drywall Joint Compound	320 SF
	18	2'x2' Ceiling Tiles, Lay In	400 SF
	20	Covebase Mastic (Brown)	40 LF
	24	12"x12" Floor Tiles (Brown, Black Speck.)	40 SF
F22A AV Closet			

The Richard Stockton College of New Jersey

F-Wing

Location	Homogeneous No.	Material Name	Amount
F22A AV Closet			
	03	Drywall Joint Compound	80 SF
	20	Covebase Mastic (Brown)	40 LF
	27	2'x2' Ceiling Tiles, Textured	250 SF
F242,240,238,236,234	4,232,230		
	03	Drywall Joint Compound	320 SF
	18	2'x2' Ceiling Tiles, Lay In	160 SF
	21	Covebase Mastic (Grey)	80 LF
F243,241,239,237,235	5,233,231,229		
	03	Drywall Joint Compound	200 SF
	18	2'x2' Ceiling Tiles, Lay In	120 SF
	21	Covebase Mastic (Grey)	60 LF
F244 Faculty			
ŕ	20	Covebase Mastic (Brown)	40 LF
	27	2'x2' Ceiling Tiles, Textured	410 SF
F245			
, 	20	Covebase Mastic (Brown)	75 LF
	27	2'x2' Ceiling Tiles, Textured	600 SF
FF001 Janitors			
	03	Drywall Joint Compound	12 SF
	18	2'x2' Ceiling Tiles, Lay In	2 SF
Hallway By F009A & F	F012		
	13	Joints associated with Fiberglass Pipe Insulation (6")	3 LF
Hallway F012, F013, F	F109S. F002		
	12	Joints associated with Fiberglass Pipe Insulation (8")	4 LF
Hallway Outside F012			
ŕ	11	Joints associated with Fiberglass Pipe Insulation (2")	8 LF
Hallway Outside Phys	ical Therapy		
,	02	2'x2' Floor Tiles (Yellow)	600 SF
	02	2'x2' Floor Tiles (Yellow)	200 SF
	03	Drywall Joint Compound	1,200 SF
	22	12"x12" Floor Tiles (Lt. Blue)	500 SF

The Richard Stockton College of New Jersey

F-Wing

Location	Homogeneous No.	Material Name	Amount
Hallways			
	03	Drywall Joint Compound	1,600 SF
	08	Covebase Mastic (Black)	160 LF
	18	2'x2' Ceiling Tiles, Lay In	902 SF
	20	Covebase Mastic (Brown)	110 LF
Hallways 1s	st Floor		
,	11	Joints associated with Fiberglass Pipe Insulation (2")	8 LF
Hallways Lo	ower F Wings		
	02	2'x2' Floor Tiles (Yellow)	3,458 SF
	03	Drywall Joint Compound	1,000 SF
	06T	12"x12" Floor Tiles (Speck. Beige)	5 SF
	07	2'x4' Ceiling Tiles, Square	3,458 SF
	08	Covebase Mastic (Black)	1,200 LF
Ladies R/R			
	03	Drywall Joint Compound	115 SF
	18	2'x2' Ceiling Tiles, Lay In	250 SF
Mail Room	& Hall Outside		
Wall Noolli V	13	Joints associated with Fiberglass Pipe Insulation (6")	6 LF
Mens R/R			
	03	Drywall Joint Compound	115 SF
	18	2'x2' Ceiling Tiles, Lay In	250 SF
Mens/ Ladie	es R/R		
	03	Drywall Joint Compound	160 SF
	18	2'x2' Ceiling Tiles, Lay In	160 SF
Womens R/	/D	-	
vvoinens k/	03	Drywall Joint Compound	150 SF
	18	2'x2' Ceiling Tiles, Lay In	300 SF
	10	ZAZ Coming Theo, Lay III	300 01



Appendix D

Material Reports and Analytical Data

The Richard Stockton College of New Jersey **Client:**

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 01

Material Name: 2'x4' Ceiling Tiles, Lay In

Type of Material: Miscellaneous Material Contains >1%

Location	Amount	Units
F001 Staff	440	SF
F001A	96	SF
F001C	128	SF
F001D Storage Bio	400	SF
F001E Bio Prep	320	SF
F001F Chem Storage	384	SF
F004 Field Anatomy	440	SF
F004B	85	SF
F004C	40	SF
F004D	40	SF
F004D Ind.Bio	120	SF
F014	64	SF
F015 Animal Diet	320	SF
F022 Print Shop	770	SF
F025 Mail Room	950	SF
F026 Mac Lab	320	SF
F106 Classroom	1,050	SF
F107 Students Rights	600	SF
F109 Veteran Affairs	120	SF
F109F Veterans	220	SF
F207	600	SF
F209	480	SF
F209 Classroom	480	SF
F210	400	SF
F210 Classroom	384	SF
F211 A/B	180	SF
F212	600	SF
F213, A, B 214	96	SF
F215	550	SF
F218	600	SF

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Total 11,277 SF

Sampling Data		
Sample No.	Date of Sampling	Location of Sampling
01 – 01	10/29/2013	F001F
01 – 02	10/29/2013	Lab 004

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 02

Material Name: 2'x2' Floor Tiles (Yellow)

Type of Material: Miscellaneous

Material Contains >1%

Location	Amount	Units
F001 Staff	440	SF
F001D Storage Bio	400	SF
F001E Bio Prep	320	SF
F001F Chem Storage	120	SF
F002 Biology	2,940	SF
F003 Gen. Chem.	2,200	SF
F004 Field Anatomy	440	SF
F004B	85	SF
F004C	100	SF
F004D	80	SF
F004D Ind.Bio	120	SF
F005 Bio Methods	1,200	SF
F006 Physiology	1,200	SF
F006A Physiology Storage	150	SF
F007 Ind. Chem	1,800	SF
F008 Radio Isot	150	SF
F009	240	SF
F009A	150	SF
F010 Inorgamic Chem	1,872	SF
F011	70	SF
F012	600	SF
F012A	96	SF
F013 Potting Room	600	SF
F014	64	SF
F115 Classroom	620	SF
Hallway Outside Physical Therapy	200	SF
Hallway Outside Physical Therapy	600	SF
Hallways Lower F Wings	3,458	SF

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Total 20,315 SF

Sampling Data			
Sample No.	Date of Sampling	Location of Sampling	

02 - 03 10/29/2013 Lab 003 02 - 04 10/29/2013 F007

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 03

Material Name: Drywall Joint Compound

Type of Material: Surfacing

Material Contains >1%

Location	Amount	Units
F Hallways Classrooms	180	SF
F001 Staff	800	SF
F001A	240	SF
F001C	200	SF
F001D Storage Bio	100	SF
F001F Chem Storage	100	SF
F002 Biology	400	SF
F003 Gen. Chem.	300	SF
F004 Field Anatomy	180	SF
F004B	28	SF
F004C	100	SF
F004D	80	SF
F004D Ind.Bio	120	SF
F005 Bio Methods	85	SF
F006 Physiology	85	SF
F007 Ind. Chem	800	SF
F009	80	SF
F009A	50	LF
F010 Inorgamic Chem	300	SF
F011	120	SF
F017	210	SF
F022 Print Shop	200	SF
F025 Mail Room	400	SF
F026 Mac Lab	115	SF
F028 Auxiliary Services	180	SF
F101 Graduate Program	1,100	SF
F103 Physical Therapy	1,250	SF
F106 Classroom	900	SF
F107 Students Rights	580	SF
F109 Veteran Affairs	860	SF
F109F Veterans	180	SF
F109G 1st Veterans	290	SF

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 03

Material Name: Drywall Joint Compound

Type of Material: Surfacing

Material Contains >1%

Location	Amount	Units
F110 Care	200	SF
F111 Lecture Hall	4,000	SF
F114 Computers	1,200	SF
F115 Classroom	450	SF
F120 Seminar	600	SF
F121,119,118 Classroom	500	SF
F122 Conference Room	180	SF
F137,135,133,131,129,127,125,123	210	SF
F138,136,134,132,130,128,126,124	240	SF
F198	120	SF
F199	120	SF
F205A Faculty	100	SF
F222	500	SF
F228 Faculty Room	320	SF
F22A AV Closet	80	SF
F242,240,238,236,234,232,230	320	SF
F243,241,239,237,235,233,231,229	200	SF
FF001 Janitors	12	SF
Hallway Outside Physical Therapy	1,200	SF
Hallways	1,600	SF
Hallways Lower F Wings	1,000	SF
Ladies R/R	115	SF
Mens R/R	115	SF
Mens/ Ladies R/R	160	SF
Womens R/R	150	SF

Client: The Richard Stockton College of New Jersey

> 03 – 05 03 – 06

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

24,305 SF **Total**

Sampling Data			
Sample No. Date of Sampling Location of Sampling			
03 – 05	10/29/2013	1st Floor Hallway	

3rd Floor Hallway

10/29/2013

Page 7

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 04

Material Name: 12"x12" Floor Tiles (Tan Multi)

Type of Material: Miscellaneous

Material Contains >1%

Asbestos: No

Location Amount Units

F001A 96 SF

Total 96 SF

Sampling Data

Sample No. Date of Sampling Location of Sampling

04 – 07 10/29/2013 F001A

04-08 10/29/2013 F001A

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 05

Material Name: Ceiling Tack Glue

Type of Material: Miscellaneous

Material Contains >1%
Asbestos: Yes

Location Amount Units

F001A 20 LF

Total 20 LF

Sampling Data

Sample No. Date of Sampling Location of Sampling

05 – 09 10/29/2013 1st Floor Hallway by Lab 003

05 – 10 10/29/2013 F007

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 06M

Material Name: Mastic associated with 12"x12"

Floor Tiles (Speck. Beige)

Type of Material: Miscellaneous

Material Contains >1% Asbestos: Yes

Location	Amount	Units
F001F Chem Storage	200	SF
F022 Print Shop	770	SF
Hallways Lower F Wings	5	SF
	Total 975	SF

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 06T

Material Name: 12"x12" Floor Tiles (Speck. Beige)

Type of Material: Miscellaneous

Material Contains >1%

Location	Amount	Units
F001F Chem Storage	200	SF
F022 Print Shop	770	SF
Hallways Lower F Wings	5	SF
	<i>Total</i> 975	SF

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 07

Material Name: 2'x4' Ceiling Tiles, Square

Type of Material: Miscellaneous

Material Contains >1%

Location	Amount	Units
F002 Biology	2,940	SF
F003 Gen. Chem.	2,200	SF
F005 Bio Methods	1,200	SF
F006 Physiology	1,200	SF
F006A Physiology Storage	150	SF
F007 Ind. Chem	2,100	SF
F008 Radio Isot	150	SF
F009	240	SF
F009A	150	SF
F010 Inorgamic Chem	1,872	SF
F011	70	SF
F012	750	SF
Hallways Lower F Wings	3,458	SF
Total	16,480	SF

Sampling Data				
Sample No.	Date of Sampling	Location of Sampling		
07 – 13	10/29/2013	F006		
07 – 14	10/29/2013	1st Floor Hallway		

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 08

Material Name: Covebase Mastic (Black)

Type of Material: Miscellaneous

Material Contains >1%

Location	Amount \	Units
F002 Biology	120 L	_F
F003 Gen. Chem.	100 L	_F
F004 Field Anatomy	80 L	_F
F005 Bio Methods	95 L	_F
F006 Physiology	95 L	_F
F007 Ind. Chem	100 L	_F
F009	30 L	_F
F009A	50 L	_F
F010 Cont	95 L	_F
F011	48 L	_F
F012	85 L	_F
F014	10 L	_F
F022 Print Shop	120 L	_F
F101 Graduate Program	45 L	_F
F107 Students Rights	48 L	_F
F109 Veteran Affairs	40 L	_F
F109F Veterans	85 L	_F
F109G 1st Veterans	105 L	_F
F110 Care	40 L	_F
F203 Classroom	95 L	_F
F205 Classroom	95 L	_F
F205A Faculty	50 L	_F
F206 Classroom	65 L	_F
Hallways	160 L	_F
Hallways Lower F Wings	1,200 L	_F

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Total

3,056 LF

Sampl	ling	Data
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Sample No. Date of Sampling Location of Sampling

08 – 15

10/29/2013

1st Floor Hallway

08 – 16

10/29/2013

Lab 003

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 09

Material Name: 2'x2' Ceiling Tiles (Brown Swirl)

Type of Material: Miscellaneous

Material Contains >1%

Location	Amount	Units
F015 Animal Diet	320	SF
F015 Animal Diet	30	SF
F015A Frogs	120	SF
F015B Frogs	120	SF
F015C Aquarium	140	SF
F015D Animal Room	110	SF
F015E Animal Room	110	SF
F015F Animal Room	1,109	SF
F015G Animal Room	110	SF
F026 Mac Lab	320	SF
F101 Graduate Program	500	SF
Total	2,989	SF

Sampling Data				
Sample No.	Date of Sampling	Location of Sampling		
09 17	10/29/2013	F101		
09 – 18	10/29/2013	Animal Room 015D		

The Richard Stockton College of New Jersey Client:

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 10

Linoleum (Tan) **Material Name:**

Type of Material: Miscellaneous Material Contains >1%

Asbestos: No

Location	1	Amount	Units
F007 Ind. Chem		300	SF
F012		150	SF
F012A		96	SF
	Total	546	SF

Total

Sampling Data		
Sample No.	Date of Sampling	Location of Sampling
10 – 19	10/29/2013	F007
10 – 20	10/29/2013	F007

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 11

Joints associated with Fiberglass Pipe Insulation (2") **Material Name:**

Type of Material: Thermal Material Contains >1%

Locati	ion		Amount	Units
F001F	Hall outside Print Shop		6	LF
F013 P	otting Room		10	LF
F022 H	allway outside Print Shop		5	LF
Hallway	Outside F012		8	LF
Hallway	s 1st Floor		8	LF
		Total	37	LF

Sampling Data			
Sample No.	Date of Sampling	Location of Sampling	
11 21	10/29/2013	1st Floor Back Hallway	
11 – 22	10/29/2013	Print Shop	
11 – 23	10/29/2013	F109G	

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 12

Material Name: Joints associated with Fiberglass

Pipe Insulation (8")

Type of Material: Thermal

Material Contains >1%

Asbestos: No

Location	Amount	Units
Location		CILLED

F022 Hallway outside Print Shop

3 LF

Hallway F012, F013, F109S, F002

4 LF

Total

7 LF

Sampling Data

Sample No.	Date of Sampling	Location of Sampling
12 24	10/29/2013	Print Shop
12 – 25	10/29/2013	F012 Hallway
12 – 26	10/29/2013	F002

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 13

Joints associated with Fiberglass Pipe Insulation (6") **Material Name:**

Type of Material: Thermal Material Contains >1%

Location		Amount	Units
F009		2	LF
F022 Hallway outside Print Shop		3	LF
F201		2	LF
Hallway By F009A & F012		3	LF
Mail Room & Hall Outside		6	LF
	Total	16	LF

Sampling Data			
Sample No.	Date of Sampling	Location of Sampling	
13 27	10/29/2013	F009	
13 – 28	10/29/2013	Print Shop	
13 – 29	10/29/2013	F201	

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 14

Material Name: Joints associated with Fiberglass

Pipe Insulation (4")

Type of Material: Thermal

Material Contains >1%

Asbestos: No

Location Amount Units

F001D Storage Bio 2 LF

Total 2 LF

Sampling Data

Sample No. Date of Sampling Location of Sampling

14 – 30 10/29/2013 F001D

14 31 10/29/2013 F001D

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 15

Material Name: Joints associated with Fiberglass

Pipe Insulation (1/2")

Type of Material: Thermal

Material Contains >1%

Asbestos: No

Location Amount Units

F026 4 SF

Total 4 SF

Sampling Data

Sample No. Date of Sampling Location of Sampling

15 – 32 10/29/2013 F026

15 33 10/29/2013 F026

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 16

Material Name: Joints associated with Fiberglass

Pipe Insulation (12")

Type of Material: Thermal

Material Contains >1%

Asbestos: No

Location Amount Units

F Wing Hallway Outside F201, F218

5 SF

Total

5 SF

Sampling Data

Sample No. Date of Sampling Location of Sampling

16 – 34 10/29/2013 F-Wing Hall Outside F201

16 35 10/29/2013 F201

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 17

Material Name: Transite Panel

Type of Material: Miscellaneous

Material Contains >1%
Asbestos: Yes

800 SF

Location Amount Units

F013B Breeg House

Total 800 SF

Sampling Data

Sample No. Date of Sampling Location of Sampling

17 – 36 10/29/2013 Greenhouse

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 18

Material Name: 2'x2' Ceiling Tiles, Lay In

Type of Material: Miscellaneous

Material Contains >1% Asbestos: No

Locati	ion	Amount	Units
F028 A	uxiliary Services	530	SF
F101 G	raduate Program	420	SF
F103 P	nysical Therapy	1,800	SF
F109G	1st Veterans	225	SF
F110 C	are	180	SF
F111 Le	ecture Hall	1,320	SF
F114 C	omputers	1,500	SF
F120 S	eminar	520	SF
F121,1	19,118 Classroom	480	SF
F121,1	19,118 Classroom	75	SF
F122 C	onference Room	300	SF
F137,13	35,133,131,129,127,125,123	140	SF
F138,13	36,134,132,130,128,126,124	160	SF
F198		60	SF
F199		60	SF
F201		120	SF
F202 C	assroom	500	SF
F203 C	assroom	520	SF
F204 C	assroom	500	SF
F205 C	assroom	520	SF
F205A	Faculty	200	SF
F206 C	assroom	480	SF
F228 Fa	aculty Room	400	SF
F242,24	10,238,236,234,232,230	160	SF
F243,24	11,239,237,235,233,231,229	120	SF
FF001 、	Janitors	2	SF
Hallway	rs	902	SF
Ladies	R/R	250	SF
Mens R	/R	250	SF
Mens/ L	adies R/R	160	SF
Women	s R/R	300	SF

Client: The Richard Stockton College of New Jersey

18 – 38

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Total 13,154 SF

Men's Restroom

Sampling Data			
Sample No.	Date of Sampling	Location of Sampling	
18 – 37	10/29/2013	Outside F130	

10/29/2013

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 19

Material Name: Covebase Mastic (Beige)

Type of Material: Miscellaneous

Material Contains >1%

Asbestos: No

Location	Amount	Units	
			=
F028 Auxiliary Services	40	LF	

F103 Physical Therapy 128 LF F106 Classroom 120 LF

Total 288 LF

Sampling Data

Sample No. Date of Sampling Location of Sampling

19 – 39 10/29/2013 F103 19 – 40 10/29/2013 F106

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 20

Material Name: Covebase Mastic (Brown)

Type of Material: Miscellaneous

Material Contains >1%

Asbestos: No

Location		Amount	Units
2nd Floor F225		75	LF
F Hallways Classrooms		110	LF
F122 Conference Room		90	LF
F137,135,133,131,129,127,125,123		60	LF
F138,136,134,132,130,128,126,124		70	LF
F221		75	LF
F222		140	LF
F223		75	LF
F224		75	LF
F226		75	LF
F227		60	LF
F228 Faculty Room		40	LF
F22A AV Closet		40	LF
F244 Faculty		40	LF
F245		75	LF
Hallways		110	LF
	Total	1,210	LF

Date of Sampling	Location of Sampling

Sampling Data

20 – 41	10/29/2013	F203
20 42	10/29/2013	F228

Sample No.

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 21

Material Name:

Covebase Mastic (Grey)

Type of Material: Miscellaneous

Material Contains >1%

Asbestos: No

Location		Amount	Units
F111 Lecture Hall		210	LF
F114 Computers		120	LF
F115 Classroom		110	LF
F120 Seminar		89	LF
F242,240,238,236,234,232,230	0	80	LF
F243,241,239,237,235,233,23	1,229	60	LF
	Total	669	LF

Sampling Data			
	Sample No.	Date of Sampling	Location of Sampling
	21 43	10/29/2013	F130 Hallway
	21 – 44	10/29/2013	F122 Hallway

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 22

12"x12" Floor Tiles (Lt. Blue) **Material Name:**

Type of Material: Miscellaneous Material Contains >1%

Asbestos: No

Location Amount Units

Hallway Outside Physical Therapy

500 SF

Total

500 SF

Sampling Data

Date of Sampling Location of Sampling Sample No.

22 - 45

10/29/2013

Hallway Outside F106

22 - 46

10/29/2013

Hallway Outside F107

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 23

Material Name: 12"x12" Floor Tiles (Lt Green)

Type of Material: Miscellaneous

Material Contains >1%

Asbestos: No

Location		Amount	Units
F Wing Elevator		25	SF
F101 Graduate Program		250	SF
F103 Physical Therapy		1,500	SF
F106 Classroom		1,050	SF
	Total	2,825	SF

Sampling Data		
Sample No.	Date of Sampling	Location of Sampling
23 – 47	10/29/2013	Hallway Outside F101P
23 – 48	10/29/2013	F101P

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 24

Material Name: 12"x12" Floor Tiles (Brown, Black

Speck.)

Type of Material: Miscellaneous

Material Contains >1%

Asbestos: No

Lo	ocation	Amount	Units
F1	98	60	SF
F1	99	60	SF
F2	2097 Electric	80	SF
F2	228 Faculty Room	40	SF
		Total 240	SF

Sampling Data			
Sample No.	Date of Sampling	Location of Sampling	
24 – 49	10/29/2013	F297	
24 – 50	10/29/2013	F228	

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No:

25

12"x12" Floor Tiles (Tan, Brown) **Material Name:**

Type of Material: Miscellaneous Material Contains >1%

Asbestos: No

Location Amount Units

F001C 128 SF

> 128 SF **Total**

Sampling Data

Date of Sampling Location of Sampling Sample No.

25 - 51 10/29/2013 F026

25 – 52 10/29/2013 F001C

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 26

Material Name: 12"x12" Floor Tiles (Aqua)

Type of Material: Miscellaneous

Material Contains >1%

Asbestos: No

Location Amount Units

F103 Physical Therapy

60 SF

Total

60 SF

Sampling Data

Sample No. Date of Sampling Location of Sampling

26 - 53 10/29/2013 F103 26 - 54 10/29/2013 F103

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 27

Material Name: 2'x2' Ceiling Tiles, Textured

Type of Material: Miscellaneous

Material Contains >1%

Asbestos: No

Location		Amount	Units
2nd Floor F22	25	600	SF
F Hallways C	lassrooms	1,100	SF
F2097 Electri	С	80	SF
F221		600	SF
F222		1,000	SF
F223		600	SF
F224		600	SF
F226		600	SF
F227		500	SF
F22A AV Clos	set	250	SF
F244 Faculty		410	SF
F245		600	SF
	Total	6,940	SF

Sampling Data						
Sample No.	Date of Sampling	Location of Sampling				
27 – 55	10/29/2013	F228				
27 – 56	10/29/2013	F224				

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 28

Material Name: Blown in Insulation

Type of Material: Miscellaneous

Material Contains >1%

Asbestos: No

Location	Amount	Units
F Hallways Classrooms	8	SF
F103, F101, F106, F109, F109G	35	SF
F215,218,212,211,204,203,202,201,205	50	SF

Total 93 SF

Sampling Data								
Sample No. Date of Sampling Location of Samplin								
28 – 57	10/29/2013	F211						
28 – 58	10/29/2013	F106						
28 59	10/29/2013	F101F						

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 29

Material Name: Ceiling Tiles, Lay In (Tan)

Type of Material: Miscellaneous

Material Contains >1%

Asbestos: No

Location Amount Units

F207 20 SF

Total 20 SF

Sampling Data

Sample No. Date of Sampling Location of Sampling

29 - 60 10/29/2013 F207 29 - 61 10/29/2013 F207

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 30

Material Name: Transite Fume Hood

Type of Material: Miscellaneous

Material Contains >1%

Asbestos: Yes

LocationAmount UnitsF001E Bio Prep32 SF

Total 32 SF

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 31

Material Name: Lab Table Tops

Type of Material: Miscellaneous

Material Contains >1% Asbestos: Yes

Location		Amount	Units
F001E Bio Prep		80	SF
F002 Biology		1,200	SF
F003 Gen. Chem.		2,000	SF
F004 Field Anatomy		150	SF
F004C		50	SF
F004D		40	SF
F004D Ind.Bio		40	SF
F005 Bio Methods		1,300	SF
F006 Physiology		1,300	SF
F007 Ind. Chem		1,800	SF
F009		300	SF
F010 Cont		1,600	SF
F012		1,100	SF
F0121 Storage		30	SF
F013 Potting Room		500	SF
F017		120	SF
	Total	11,610	SF

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 32

Material Name: Beaker Drying Racks

Type of Material: Miscellaneous

Material Contains >1% Asbestos: Yes

Location		Amount	Units
F005 Bio Methods		30	SF
F006 Physiology		50	SF
F007 Ind. Chem		40	SF
F010 Cont		30	SF
F012		30	SF
F017		10	SF
	Total	190	SF

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 33

Material Name: 2"x4" Ceiling Tiles, Textured

Type of Material: Miscellaneous

Material Contains >1%

Asbestos: No

Location	Amount Units

 Animal Rooms
 60 SF

 F109G
 100 SF

Total 160 SF

Sampling Data

Sample No. Date of Sampling Location of Sampling

33 – 62 10/29/2013 F015 Animal Room 33 63 10/29/2013 F015 Animal Room

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 34

Ceiling Material Material Name:

Type of Material: Surfacing Material Contains >1%

Asbestos: No

Location Amount Units

F105B 100 SF

> 100 SF **Total**

Sampling Data

Date of Sampling Location of Sampling Sample No.

10/29/2013 Animal Room 015B 34 - 64

34 - 6510/29/2013 Animal Room 015F

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 36

Material Name: Fiberglass Outer Pipe Insulation

Covering

Type of Material: Thermal

Material Contains >1%

Asbestos: No

Location Amount Units

F106 80 LF

Total 80 LF

Sampling Data

Sample No. Date of Sampling Location of Sampling

36 - 68 10/29/2013 F102 36 69 10/29/2013 F106

Client: The Richard Stockton College of New Jersey

Facility: F-Wing

Date: 11/27/2013

Project No: 13-1135

Homogeneous No: 37

Material Name: Fire Doors

Type of Material: Miscellaneous

Material Contains >1%

Asbestos: Yes

Location Amount Units

Stairwells 280 SF

Total 280 SF

Sampling Data

Sample No. Date of Sampling Location of Sampling

37 – 70 10/29/2013 F101F

37 – 71 10/29/2013 Hallway Outside Labs



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Project ID:

Michael Stocku Attn:

> TTI Environmental Inc. 1253 North Church Street Moorestown, NJ 08057

Phone: Fax:

(856) 840-8800 (856) 840-8815

Collected: Received: 10/28/2013 10/29/2013

Analyzed:

10/31/2013

Proj: 13-1135/Richard Stockton College of NJ/F-Wing

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:

Lab Sample ID:

041329298-0001

Sample Description: F-001f/2x4 lay-in ceiling tile

Analyzed

Date

Analyzed

Date

10/30/2013

Non-Asbestos

Comment **Ashestos**

TEST

Date Color 10/29/2013 Gray/White

Non-Fibrous Fibrous 80% 20% None Detected

Lab Sample ID:

041329298-0002

01-02 Client Sample ID:

PLM

Lab 004/2x4 lay-in ceiling tile

Analyzed

Color

Gray/White

Color

Tan

Tan

Asbestos

PLM

TEST

Sample Description:

Non-Asbestos Fibrous Non-Fibrous

20% None Detected Comment

Lab Sample ID:

041329298-0003

Client Sample ID: Sample Description:

TEST

20-03

Lab 003/2x2 yellow linoleum

Non-Asbestos

Fibrous Non-Fibrous

80%

Asbestos

PLM 10/29/2013 TEM Grav. Reduction 10/31/2013

0% 100% None Detected 0.0% 100% None Detected Comment

Lab Sample ID:

041329298-0004

Client Sample ID: Sample Description:

F-007/2x2 yellow linoleum

Analyzed Date 10/30/2013

Non-Asbestos Non-Fibrous **Fibrous**

100%

90%

100%

80%

Client Sample ID:

PI M

PLM

TEST

0%

Asbestos None Detected Comment

03-05-Sheetrock

Lab Sample ID:

041329298-0005

Sample Description:

1st floor hallway/Sheetrock

Color

Gray/White

White

Color

Brown/White

Color

Tan

Fibrous

10%

Non-Asbestos Non-Fibrous

Asbestos None Detected

Asbestos

None Detected

Client Sample ID:

TEST

03-05-Joint compound

Lab Sample ID:

Comment

041329298-0005A

0%

Sample Description:

1st floor hallway/Joint compound

10/29/2013

Analyzed

Date

10/29/2013

PLM

Non-Asbestos Analyzed Non-Fibrous Date Color Fibrous

Comment

Client Sample ID:

TEST

03-06-Sheetrock

Lab Sample ID:

041329298-0006

Sample Description:

3rd floor hallway/Sheetrock

Analyzed Date

10/30/2013

Fibrous Non-Fibrous

20%

Asbestos

TEST

РІ М

Non-Asbestos

None Detected

Comment



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Project ID:

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

041329298-0006A Lab Sample ID: Client Sample ID: 03-06-Joint compound Sample Description: 3rd floor hallway/Joint compound Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous **Asbestos** Comment PLM 10/30/2013 White 0% 100% None Detected Lab Sample ID: 041329298-0007 04-07-Floor Tile Client Sample ID: Sample Description: F-001a/12" tan multicolored floor tile Analyzed Non-Asbestos TEST Non-Fibrous Comment Date Color Fibrous **Ashestos** PLM 10/29/2013 Brown 0% 100% None Detected TEM Grav. Reduction 10/31/2013 Brown 0.0% 100% None Detected Lab Sample ID: 041329298-0007A 04-07-Mastic Client Sample ID: Sample Description: F-001a/Mastic Analyzed Non-Asbestos **TEST** Date **Fibrous** Non-Fibrous Comment Color **Asbestos** PLM 10/29/2013 Yellow 0% 100% None Detected TEM Grav. Reduction 10/31/2013 Yellow 0.0% 100% None Detected Client Sample ID: 04-08-Floor Tile Lab Sample ID: 041329298-0008 Sample Description: F-001a/12" tan multicolored floor tile Non-Asbestos Analyzed **TEST** Non-Fibrous Asbestos Comment Date Color **Fibrous** PLM 10/30/2013 0% 100% None Detected Tan Lab Sample ID: 041329298-0008A 04-08-Mastic Client Sample ID: Sample Description: F-001a/Mastic Analyzed Non-Asbestos Comment **TEST Fibrous** Non-Fibrous Asbestos Date Color PLM 10/30/2013 100% None Detected Yellow 0% Lab Sample ID: 041329298-0009 Client Sample ID: Sample Description: First floor hallway by lab 003/Pin tab glue Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous Asbestos Comment PLM 10/30/2013 Tan/Yellow 0% 85% 15% Chrysotile 041329298-0010 Lab Sample ID: Client Sample ID: 05-10 Sample Description: F-007/Pin tab glue Analyzed Non-Asbestos Fibrous Non-Fibrous **TEST** Date Color **Asbestos** Comment PLM 10/30/2013 Stop Positive (Not Analyzed) Lab Sample ID: 041329298-0011 Client Sample ID: 06-11-Floor Tile Sample Description: F-001f/12" speckled beige floor tile

Non-Asbestos

Non-Fibrous

100%

100%

Asbestos

None Detected

None Detected

Comment

Fibrous

0%

0.0%

Color

Gray

Gray

TEST

TEM Grav. Reduction

<u>ы м</u>

Analyzed

Date

10/29/2013

10/31/2013



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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

041329298-0011A Lab Sample ID: Client Sample ID: 06-11-Mastic Sample Description: F-001f/Mastic Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous Asbestos Comment PLM 10/29/2013 Black 0% 96% 4% Chrysotile Lab Sample ID: 041329298-0012 Client Sample ID: 06-12-Floor Tile Sample Description: Print shop/12" speckled beige floor tile Analyzed Non-Asbestos TEST Fibrous Non-Fibrous Comment Date Color **Ashestos** PLM 10/30/2013 Beige 0% 100% None Detected 041329298-0012A 06-12-Mastic Lab Sample ID: Client Sample ID: Sample Description: Print shop/Mastic Analyzed Non-Asbestos **TEST** Color Comment **Fibrous** Non-Fibrous **Asbestos** PLM 10/29/2013 Stop Positive (Not Analyzed) Lab Sample ID: 041329298-0013 Client Sample ID: 07-13 Sample Description: F006/2x4 squared ceiling tile Non-Asbestos Analyzed **TEST Fibrous** Non-Fibrous Comment Date Color Asbestos PLM 10/29/2013 Gray/White 80% 20% None Detected Lab Sample ID: 041329298-0014 Client Sample ID: Sample Description: 1st floor hallway/2x4 squared ceiling tile Analyzed Non-Asbestos Non-Fibrous Asbestos Comment **TEST** Date Color **Fibrous** PLM 10/30/2013 80% Gray/White 20% None Detected Lab Sample ID: 041329298-0015 08-15 Client Sample ID: Sample Description: 1st floor hallway/Black cove base mastic Analyzed Non-Asbestos **Fibrous TEST** Date Color Non-Fibrous **Ashestos** Comment PLM 10/29/2013 Black 100% None Detected 0% TEM Grav. Reduction 10/31/2013 Black 0.0% 100% None Detected Lab Sample ID: 041329298-0016 Client Sample ID: Sample Description: Lab 003/Black cove base mastic Analyzed Non-Asbestos Comment **TEST** Date Non-Fibrous Color **Fibrous Asbestos** PLM 10/30/2013 Cream 0% 100% None Detected Client Sample ID: 09-17 Lab Sample ID: 041329298-0017 Sample Description: F-101/2x2 brown linoleum Analyzed Non-Asbestos

Non-Fibrous

100%

100%

Fibrous

0%

0.0%

Asbestos

None Detected

None Detected

Comment

Date

10/29/2013

10/31/2013

Color

Brown

Brown

TEST

TEM Grav. Reduction

PLM



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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

041329298-0018 Lab Sample ID: Client Sample ID: 09-18-Cove Base Sample Description: Animal room 015d/2x2 brown linoleum Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous **Asbestos** Comment PLM 10/30/2013 Brown 0% 100% None Detected Sample appears to be covebase and mastic rather than linoleum 10/31/2013 0.0% 100% None Detected TEM Grav. Reduction Brown 09-18-Mastic Lab Sample ID: 041329298-0018A Client Sample ID: Sample Description: Animal room 015d/2x2 brown linoleum Analyzed Non-Asbestos **TEST** Date **Fibrous** Non-Fibrous Asbestos Comment Color PLM 10/30/2013 Yellow 0% 100% None Detected TEM Grav. Reduction 10/31/2013 Yellow 0.0% 100% None Detected Lab Sample ID: 041329298-0019 Client Sample ID: 10-19 Sample Description: F-007/Tan linoleum Analyzed Non-Asbestos TEST Non-Fibrous Comment Date Color **Fibrous Asbestos** PI M 10/29/2013 Tan 0% 100% None Detected TEM Grav. Reduction 10/31/2013 Tan 0.0% 100% None Detected 041329298-0020 Client Sample ID: 10-20 Lab Sample ID: Sample Description: F-007/Tan linoleum Analyzed Non-Asbestos **TEST** Color **Fibrous** Non-Fibrous **Asbestos** Comment PLM 10/30/2013 Tan 0% 100% None Detected Lab Sample ID: 041329298-0021 Client Sample ID: 11-21 Sample Description: 1st floor back hallway/2" elbow insulation Analyzed Non-Asbestos **TEST Fibrous** Non-Fibrous Comment Date Color **Asbestos** PLM 10/29/2013 Gray/Tan 10% 90% None Detected 11-22 Lab Sample ID: 041329298-0022 Client Sample ID: Sample Description: Print shop/2" elbow insulation Analyzed Non-Asbestos **TEST** Date **Fibrous** Non-Fibrous Asbestos Comment Color PLM 10% None Detected 10/29/2013 Gray/Tan 90% Lab Sample ID: 041329298-0023 Client Sample ID: 11-23 Sample Description: F-109g/2" elbow insulation Non-Ashestos Analyzed **TEST** Color **Fibrous** Non-Fibrous Asbestos Comment Date PLM 10/30/2013 82% None Detected Gray 18% Lab Sample ID: 041329298-0024 Client Sample ID: Sample Description: Print shop/8" elbow insulation Non-Asbestos Analyzed

Date

10/29/2013

Color

White

Fibrous

0%

Non-Fibrous

100%

TEST

PLM

Comment

Asbestos

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

			VIA EFA	600/R-93/11	0		
Client Sample ID:	12-25					Lab Sample ID:	041329298-0025
Sample Description:	F-012 hallway/8" elbow insulati	ion					
TEOT	Analyzed	0-1		-Asbestos	Ashastas	Comment	
TEST PLM	Date	Color		Non-Fibrous	Asbestos	Comment	
PLIVI	10/29/2013	White	0%	100%	None Detected		
Client Sample ID:	12-26					Lab Sample ID:	041329298-0026
Sample Description:	F-002/8" elbow insulation						
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	White	13%	87%	None Detected		
Client Sample ID:	13-27					Lab Sample ID:	041329298-0027
Sample Description:	F-009/6" elbow insulation						
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/29/2013	White	2%	98%	None Detected		
Client Sample ID:	13-28					Lab Sample ID:	041329298-0028
Sample Description:	Print shop/6" elbow insulation					·	
, , , , , , , , , , , , , , , , , , , ,	Thin chop's closw incalation						
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/29/2013	White	2%	98%	None Detected		
Client Sample ID:	13-29					Lab Sample ID:	041329298-0029
Sample Description:	F-201/6" elbow insulation						
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	White	5%	95%	None Detected		
Client Sample ID:	14-30					Lab Sample ID:	041329298-0030
Sample Description:	F-001D/4" elbow insulation						
	Analyzed			-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/29/2013	White	0%	100%	None Detected		
Client Sample ID:	14-31					Lab Sample ID:	041329298-0031
Sample Description:	F-001D/4" elbow insulation						
	Analyzed			-Asbestos		•	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	White	3%	97%	None Detected		
Client Sample ID:	15-32					Lab Sample ID:	041329298-0032
Sample Description:	F-026/1/2" elbow insulation						
	Analyzad		No	-Achaetae			
TEST	Analyzed Date	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	10/29/2013	White	0%		None Detected	Comment	
ı ∟ıvl	10/29/2013	VVIIILE	0%	10070	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

			VIA LI A		-		
Client Sample ID:	15-33					Lab Sample ID:	041329298-0033
Sample Description:	F-026/1/2" elbow insulation						
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	Gray	8%	92%	None Detected		
Client Sample ID:	16-34					Lab Sample ID:	041329298-0034
Sample Description:	F-wing hall outside F-201/12	" elbow insulation					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/29/2013	White	0%	100%	None Detected		
Client Sample ID:	16-35					Lab Sample ID:	041329298-0035
Sample Description:	F-201/12" elbow insulation						
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	Gray	8%	92%	None Detected		
Client Sample ID:	17-36					Lab Sample ID:	041329298-0036
Sample Description:	Greenhouse/Flower bed trai	nsite paneling					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	Gray	0%	85%	15% Chrysotile		
Client Sample ID:	18-37					Lab Sample ID:	041329298-0037
Sample Description:	Outside F-130/2x2 lay-in cei	ling tile					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/29/2013	Gray/White	80%	20%	None Detected		
Client Sample ID:	18-38					Lab Sample ID:	041329298-0038
Sample Description:	Men's restroom/2x2 lay-in co						
		eiling tile					
	,	eiling tile	Non	-Asbestos			
TEST	Analyzed Date	eiling tile Color		-Asbestos Non-Fibrous	Asbestos	Comment	
	Analyzed	·		Non-Fibrous	Asbestos None Detected	Comment	
PLM	Analyzed	Color	Fibrous	Non-Fibrous		Comment Lab Sample ID:	041329298-0039
PLM Client Sample ID:	Analyzed Date	Color Gray/White	Fibrous	Non-Fibrous			041329298-0039
PLM Client Sample ID:	Analyzed	Color Gray/White	Fibrous 80%	Non-Fibrous			041329298-0039
PLM Client Sample ID:	Analyzed Date 10/30/2013 19-39 F-103/Tan cove base mastic	Color Gray/White	Fibrous 80% Non	Non-Fibrous 20%			041329298-0039
PLM Client Sample ID: Sample Description: TEST PLM	Analyzed Date 10/30/2013 19-39 F-103/Tan cove base mastic	Color Gray/White	Fibrous 80% Non	Non-Fibrous 20% -Asbestos Non-Fibrous 100%	None Detected	Lab Sample ID:	041329298-0039
PLM Client Sample ID: Sample Description: TEST PLM TEM Grav. Reduction	Analyzed Date 10/30/2013 19-39 F-103/Tan cove base mastic Analyzed Date 10/29/2013 10/31/2013	Color Gray/White Color Tan	Fibrous 80% Non- Fibrous 0%	Non-Fibrous 20% -Asbestos Non-Fibrous 100%	None Detected Asbestos None Detected	Lab Sample ID: Comment	
PLM Client Sample ID: Sample Description: TEST PLM TEM Grav. Reduction Client Sample ID:	Analyzed Date 10/30/2013 19-39 F-103/Tan cove base mastic Analyzed Date 10/29/2013	Color Gray/White Color Tan Tan	Fibrous 80% Non- Fibrous 0%	Non-Fibrous 20% -Asbestos Non-Fibrous 100%	None Detected Asbestos None Detected	Lab Sample ID:	041329298-0039 041329298-0040
PLM Client Sample ID: Sample Description:	Analyzed Date 10/30/2013 19-39 F-103/Tan cove base mastic Analyzed Date 10/29/2013 10/31/2013	Color Gray/White Color Tan Tan	Non-Fibrous 0% 0.0%	Non-Fibrous 20% -Asbestos Non-Fibrous 100%	None Detected Asbestos None Detected	Lab Sample ID: Comment	

100%

None Detected

0%

10/30/2013

Tan/Cream

PLM



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Lab Sample ID:

041329298 TTIE54 014152

Project ID:

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

041329298-0041 Lab Sample ID: Client Sample ID: 20-41

Sample Description: F-203/Brown cove base mastic

Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous **Asbestos** Comment Tan PLM 10/29/2013 0% 100% None Detected 0.0% TEM Grav. Reduction 10/31/2013 100% None Detected Tan 041329298-0042

20-42 Client Sample ID:

Sample Description: F-228/Brown cove base mastic

Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous **Asbestos** Comment PLM 10/30/2013 Tan/Cream 0% 100% None Detected

Lab Sample ID: 041329298-0043 Client Sample ID:

Sample Description: F-130 hallway/Grey cove base mastic

Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous Comment **Asbestos** PLM 10/29/2013 Tan 0% 100% None Detected TEM Grav. Reduction 10/31/2013 Tan 0.0% 100% None Detected

Client Sample ID: 21-44 Lab Sample ID: 041329298-0044

Sample Description: F-122 hallway/Grey cove base mastic

22-45-Floor Tile

Client Sample ID:

Client Sample ID:

Analyzed Non-Asbestos **TEST** Non-Fibrous Asbestos Comment Date Color **Fibrous** PLM None Detected 10/30/2013 Tan/White 0% 100% Lab Sample ID: 041329298-0045

Sample Description: Hallway outside RMF-106/12"light blue floor tile

Analyzed Non-Asbestos Non-Fibrous **TEST Fibrous** Asbestos Comment Date Color PLM None Detected 10/29/2013 Blue 0% 100% 10/31/2013 Blue 0.0% 100% None Detected TEM Gray, Reduction

Lab Sample ID: 041329298-0045A 22-45-Mastic Client Sample ID:

Sample Description: Hallway outside RMF-106/Mastic

Analyzed Non-Asbestos **TEST** Date Fibrous Non-Fibrous Comment Color **Asbestos** PLM 10/29/2013 Insufficient Material Lab Sample ID: 041329298-0046

Sample Description: Hallway outside F-107/12"light blue floor tile

22-46-Floor Tile

Analyzed Non-Asbestos **TEST** Non-Fibrous **Asbestos** Comment Date Color **Fibrous** PLM 10/30/2013 Blue 0% 100% None Detected

Lab Sample ID: 041329298-0046A Client Sample ID: 22-46-Mastic

Sample Description: Hallway outside F-107/Mastic

Non-Asbestos Analyzed **TEST** Non-Fibrous Comment Color **Fibrous Asbestos** Date PLM 10/30/2013 Yellow 0% 100% None Detected TEM Grav. Reduction 10/31/2013 Yellow 0.0% 100% None Detected



Client Sample ID:

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Lab Sample ID:

041329298 TTIE54 014152

041329298-0047A

Project ID:

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

Lab Sample ID: 041329298-0047 Client Sample ID: 23-47-Floor Tile

Sample Description: Hallway outside F-101P/12"light blue floor tile

Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous Asbestos Comment PLM 10/29/2013 Blue 0% 100% None Detected TEM Grav. Reduction 10/31/2013 0.0% 100% Blue None Detected

23-47-Mastic Sample Description: Hallway outside F-101P/Mastic

Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous **Asbestos** Comment PLM 10/29/2013 Brown 0% 100% None Detected None Detected TFM Gray Reduction 10/31/2013 Brown 0.0% 100%

Lab Sample ID: 041329298-0048 23-48-Floor Tile Client Sample ID:

Sample Description: F-101P/12" light green floor tile

Analyzed Non-Asbestos **TEST** Date **Fibrous** Non-Fibrous Asbestos Comment Color PLM 10/30/2013 Blue/Green 0% 100% None Detected Client Sample ID: 23-48-Mastic Lab Sample ID: 041329298-0048A

Sample Description: F-101P/Mastic

Non-Asbestos Analyzed **TEST** Date Non-Fibrous Comment Color **Fibrous Asbestos** Tan/Yellow РІ М 10/30/2013 0% 100% None Detected

Lab Sample ID: 041329298-0049 24-49-Floor Tile Client Sample ID:

Sample Description: F-297/12" brown w/black specks floor tile

Non-Asbestos Analyzed Non-Fibrous **TEST** Asbestos Comment Date Color **Fibrous** PLM Brown None Detected 10/30/2013 0% 100% 10/31/2013 0.0% 100% None Detected TEM Gray, Reduction Brown

Lab Sample ID: 041329298-0049A 24-49-Mastic Client Sample ID:

Sample Description: F-297/Mastic

Analyzed Non-Asbestos **TEST** Non-Fibrous Comment Date Color **Fibrous Asbestos** PLM 10/29/2013 Black 0% 100% None Detected 10/31/2013 TEM Grav. Reduction Insufficient Material

041329298-0050 Lab Sample ID: Client Sample ID: 24-50-Floor Tile

Sample Description: F-228/12" brown w/black specks floor tile

Non-Asbestos Analyzed **TEST Fibrous** Non-Fibrous Comment Date Color **Asbestos** PLM 10/30/2013 Brown 0% 100% None Detected

041329298-0050A Client Sample ID: 24-50-Mastic Lab Sample ID:

Sample Description: F-228/12" brown w/black specks floor tile

Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous **Asbestos** Comment Limited material PLM 10/30/2013 Black 0% 100% None Detected



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Lab Sample ID:

Lab Sample ID:

Lab Sample ID:

Lab Sample ID:

041329298 TTIE54 014152

041329298-0051A

041329298-0052

041329298-0052A

041329298-0053

Project ID:

None Detected

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

041329298-0051 Lab Sample ID: Client Sample ID: 25-51-Floor Tile Sample Description: F-026/12" tan/brown floor tile Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous Asbestos Comment PLM 10/29/2013 Brown/Tan 0% 100% None Detected TEM Grav. Reduction 10/31/2013 Brown /Tan 0.0% 100%

Sample Description: F-026/Mastic

Client Sample ID:

Client Sample ID:

Client Sample ID:

Client Sample ID:

Analyzed Non-Asbestos **TEST** Date Color Fibrous Non-Fibrous **Asbestos** Comment PLM 10/29/2013 Insufficient Material

25-52-Floor Tile Sample Description: F-001C/12" tan/brown floor tile

25-52-Mastic

26-53-Floor Tile

25-51-Mastic

Analyzed Non-Asbestos **TEST** Date **Fibrous** Non-Fibrous Comment Color **Asbestos** PLM 10/30/2013 Brown/Tan 0% 100% None Detected

Sample Description: F-001C/Mastic

Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous **Asbestos** Comment PLM 100% Limited material 10/30/2013 Yellow 0% None Detected 10/31/2013 100% 0.0% TEM Grav. Reduction Yellow None Detected

Sample Description: F-103/12" aqua floor tile

Non-Asbestos Analyzed Non-Fibrous **TEST** Asbestos Comment Date Color **Fibrous** PLM None Detected 10/29/2013 Blue 0% 100% 10/31/2013 Blue 0.0% 100% None Detected TEM Grav. Reduction

Lab Sample ID: 041329298-0053A 26-53-Mastic Client Sample ID:

Sample Description: F-103/Mastic

Analyzed Non-Asbestos **TEST** Non-Fibrous Comment Date Color **Fibrous Asbestos** PLM 10/29/2013 0% 100% None Detected Brown 10/31/2013 TEM Grav. Reduction Insufficient Material

041329298-0054 Client Sample ID: Lab Sample ID: 26-54-Floor Tile

Sample Description: F-103/12" aqua floor tile

Non-Asbestos Analyzed **TEST Fibrous** Non-Fibrous Comment Date Color **Asbestos** PLM 10/30/2013 Blue 0% 100% None Detected

041329298-0054A Client Sample ID: 26-54-Mastic Lab Sample ID:

Sample Description: F-103/Mastic

Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous **Asbestos** Comment PLM 10/30/2013 Yellow 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

			VIU LI A	600/R-93/11	U		
Client Sample ID:	27-55					Lab Sample ID:	041329298-0055
Sample Description:	F-228/2x2 textured ceiling	ng tile					
TEST	Analyzed Date	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	10/29/2013	Gray/White	80%		None Detected	Comment	
		Gray/Willie		2070	None Detected		
Client Sample ID:	27-56					Lab Sample ID:	041329298-0056
Sample Description:	F-224/2x2 textured ceiling	ng tile					
	A		N.	Ashastas			
TEST	Analyzed Date	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	Gray/White	75%		None Detected	Comment	
				2070	None Beleeted	1.1.0	0.44000000 0057
Client Sample ID:	28-57					Lab Sample ID:	041329298-0057
Sample Description:	F-211/Blown-in insulation	n					
	A maker		Ne	Ashastas			
TEST	Analyzed Date	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	10/29/2013	White	80%		None Detected	Comment	
		***************************************		20,0	THORE DETECTED	Lab Ormali IS	044220222
Client Sample ID:	28-58					Lab Sample ID:	041329298-0058
Sample Description:	F-106/Blown-in insulation	n					
	A		No.	A-b4			
TEST	Analyzed Date	Color	Non Fibrous	-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	10/29/2013	White	80%		None Detected	Comment	
		VVIIIC		2070	None Detected		
Client Sample ID:	28-59					Lab Sample ID:	041329298-0059
Sample Description:	F-101F/Blown-in insulati	on					
TEST	Analyzed Date	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	Color White	95%		None Detected	Comment	
FLIVI	10/30/2013	vviille	9570	370	None Detected		
Client Sample ID:	29-60					Lab Sample ID:	041329298-0060
Sample Description:	F-207/Tan lay-in ceiling	tile					
TEOT	Analyzed	0.1.		-Asbestos	A . I	0	
TEST	Date	Cray/Mhita		Non-Fibrous	Asbestos	Comment	
PLM	10/29/2013	Gray/White	80%	20%	None Detected		
Client Sample ID:	29-61					Lab Sample ID:	041329298-0061
Sample Description:	F-207/Tan lay-in ceiling	tile					
	Analyzed			-Asbestos		•	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	Gray/White	65%	35%	None Detected		
Client Sample ID:	33-62					Lab Sample ID:	041329298-0062
Sample Description:	F-015 animal rm/2x4 tex	tured lay-in ceiling tile					
	Analyzed	_		-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/29/2013	Brown/Gray/White	80%	20%	None Detected		



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Project ID:

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

			VIA EFA	600/R-93/116	<u> </u>		
Client Sample ID:	33-63					Lab Sample ID:	041329298-0063
Sample Description:	F-015 animal rm/2x4 textu	red lay-in ceiling tile					
	Analyzed			-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	Gray/White	70%	30%	None Detected		· · · · · · · · · · · · · · · · · · ·
Client Sample ID:	34-64					Lab Sample ID:	041329298-0064
Sample Description:	Animal Rm F-015b/Ceiling	material					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/29/2013	White	0%	100%	None Detected		
Client Sample ID:	34-65					Lab Sample ID:	041329298-0065
Sample Description:	Animal Rm F-015f/Ceiling	material				•	
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	White	0%	100%	None Detected		
Client Sample ID:	35-66					Lab Sample ID:	041329298-0066
Sample Description:	Lab 003/Glue assoc w/styr	ofoam ceiling				•	
, , , , , , , , , , , , , , , , , , , ,	Lab coor clad acces well.	oroani coming					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous		Asbestos	Comment	
PLM 	10/29/2013	Brown/White	0%		None Detected		
TEM Grav. Reduction	10/31/2013	Brown /White	0.0%	100%	None Detected		
Client Sample ID:	35-67					Lab Sample ID:	041329298-0067
Sample Description:	Hallway outside labs/Glue	assoc w/styrofoam	ceiling				
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	Brown/White	0%	100%	None Detected		
Client Sample ID:	36-68					Lab Sample ID:	041329298-0068
Sample Description:	F-102/Wrapping on fibergla	ass pipe insulation					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/29/2013	Brown/White	60%	40%	None Detected		
Client Sample ID:	36-69					Lab Sample ID:	041329298-0069
Sample Description:	F-106/Wrapping on fibergla	ass pipe insulation					
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	White	65%	35%	None Detected		
Client Sample ID:	37-70					Lab Sample ID:	041329298-0070
Sample Description:	F-101f/1" elbow insulation						
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/29/2013	Gray	0%		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:
 37-71
 Lab Sample ID:
 041329298-0071

Sample Description: Back hallway by labs/1" elbow insulation

 TEST
 Date
 Color
 Fibrous
 Non-Fibrous
 Asbestos
 Comment

 PLM
 10/30/2013
 Gray
 10%
 90%
 None Detected

Analyst(s)

Chris Little TEM Grav. Reduction (21)
Jamie Marczak PLM (41)
Juli Patel PLM (43)

Stephen Siegel, CIH, Laboratory Manager or other Approved Signatory

Any questions please contact Steve Siegel.

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

Initial report from: 10/30/201310:58:38



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Project ID:

Michael Stocku Attn:

> TTI Environmental Inc. 1253 North Church Street Moorestown, NJ 08057

Phone: Fax:

(856) 840-8800 (856) 840-8815

Collected: Received: 10/28/2013 10/29/2013

Analyzed:

10/31/2013

Proj: 13-1135/Richard Stockton College of NJ/F-Wing

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

041329298-0001 Lab Sample ID: Client Sample ID:

Sample Description: F-001f/2x4 lay-in ceiling tile

Analyzed Non-Asbestos **TEST** Non-Fibrous Comment Date Fibrous **Ashestos** Color PLM 10/29/2013 Gray/White 80% 20% None Detected

01-02 Lab Sample ID: 041329298-0002 Client Sample ID:

Sample Description: Lab 004/2x4 lay-in ceiling tile

Analyzed Non-Asbestos Comment **TEST** Date Color Fibrous Non-Fibrous **Asbestos** PLM 10/30/2013 Gray/White 80% 20% None Detected Lab Sample ID: 041329298-0003 20-03

Sample Description: Lab 003/2x2 yellow linoleum

Client Sample ID:

Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous Asbestos Comment PLM 10/29/2013 Tan 0% 100% None Detected TEM Grav. Reduction 10/31/2013 Tan 0.0% 100% None Detected

Lab Sample ID: 041329298-0004 Client Sample ID:

Sample Description: F-007/2x2 yellow linoleum

Analyzed Non-Asbestos Non-Fibrous Comment **TEST** Date Color **Fibrous Asbestos** 10/30/2013 PI M Tan 0% 100% None Detected Client Sample ID: 03-05-Sheetrock Lab Sample ID: 041329298-0005

Sample Description: 1st floor hallway/Sheetrock

Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous **Asbestos** Comment PLM 10/29/2013 Gray/White 10% 90% None Detected

Lab Sample ID: 041329298-0005A 03-05-Joint compound Client Sample ID:

Sample Description: 1st floor hallway/Joint compound

Non-Asbestos Analyzed TEST Non-Fibrous Date Color Fibrous Asbestos Comment PLM 10/29/2013 White 0% 100% None Detected Lab Sample ID: 041329298-0006

Client Sample ID: 03-06-Sheetrock

Sample Description: 3rd floor hallway/Sheetrock

Analyzed Non-Asbestos **TEST Asbestos** Comment Date Color **Fibrous** Non-Fibrous 10/30/2013 РІ М Brown/White 20% 80% 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

041329298-0006A Lab Sample ID: Client Sample ID: 03-06-Joint compound Sample Description: 3rd floor hallway/Joint compound Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous **Asbestos** Comment PLM 10/30/2013 White 0% 100% None Detected Lab Sample ID: 041329298-0007 04-07-Floor Tile Client Sample ID: Sample Description: F-001a/12" tan multicolored floor tile Analyzed Non-Asbestos TEST Non-Fibrous Comment Date Color Fibrous **Ashestos** PLM 10/29/2013 Brown 0% 100% None Detected TEM Grav. Reduction 10/31/2013 Brown 0.0% 100% None Detected Lab Sample ID: 041329298-0007A 04-07-Mastic Client Sample ID: Sample Description: F-001a/Mastic Analyzed Non-Asbestos **TEST** Date **Fibrous** Non-Fibrous Comment Color **Asbestos** PLM 10/29/2013 Yellow 0% 100% None Detected TEM Grav. Reduction 10/31/2013 Yellow 0.0% 100% None Detected Client Sample ID: 04-08-Floor Tile Lab Sample ID: 041329298-0008 Sample Description: F-001a/12" tan multicolored floor tile Non-Asbestos Analyzed **TEST** Non-Fibrous Asbestos Comment Date Color **Fibrous** PLM 10/30/2013 0% 100% None Detected Tan Lab Sample ID: 041329298-0008A 04-08-Mastic Client Sample ID: Sample Description: F-001a/Mastic Analyzed Non-Asbestos Comment **TEST Fibrous** Non-Fibrous Asbestos Date Color PLM 10/30/2013 100% None Detected Yellow 0% Lab Sample ID: 041329298-0009 Client Sample ID: Sample Description: First floor hallway by lab 003/Pin tab glue Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous Asbestos Comment PLM 10/30/2013 Tan/Yellow 0% 85% 15% Chrysotile 041329298-0010 Lab Sample ID: Client Sample ID: 05-10 Sample Description: F-007/Pin tab glue Analyzed Non-Asbestos Fibrous Non-Fibrous **TEST** Date Color **Asbestos** Comment PLM 10/30/2013 Stop Positive (Not Analyzed) Lab Sample ID: 041329298-0011 Client Sample ID: 06-11-Floor Tile Sample Description: F-001f/12" speckled beige floor tile

Non-Asbestos

Non-Fibrous

100%

100%

Asbestos

None Detected

None Detected

Comment

Fibrous

0%

0.0%

Color

Gray

Gray

TEST

TEM Grav. Reduction

<u>ы м</u>

Analyzed

Date

10/29/2013

10/31/2013



06-11-Mastic

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Lab Sample ID:

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041329298-0011A

Project ID:

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: Sample Description: F-001f/Mastic Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous Asbestos Comment PLM 10/29/2013 Black 0% 96% 4% Chrysotile Lab Sample ID: 041329298-0012 Client Sample ID: 06-12-Floor Tile Sample Description: Print shop/12" speckled beige floor tile Analyzed Non-Asbestos TEST Fibrous Non-Fibrous Comment Date Color **Asbestos** PLM 10/30/2013 Beige 0% 100% None Detected 041329298-0012A 06-12-Mastic Lab Sample ID: Client Sample ID: Sample Description: Print shop/Mastic Analyzed Non-Asbestos **TEST** Color Comment **Fibrous** Non-Fibrous **Asbestos** PLM 10/29/2013 Stop Positive (Not Analyzed) Lab Sample ID: 041329298-0013 Client Sample ID: 07-13 Sample Description: F006/2x4 squared ceiling tile Non-Asbestos Analyzed **TEST Fibrous** Non-Fibrous Comment Date Color Asbestos PLM 10/29/2013 Gray/White 80% 20% None Detected Lab Sample ID: 041329298-0014 Client Sample ID: Sample Description: 1st floor hallway/2x4 squared ceiling tile Analyzed Non-Asbestos Non-Fibrous Asbestos Comment **TEST** Date Color **Fibrous** PLM 10/30/2013 80% Gray/White 20% None Detected Lab Sample ID: 041329298-0015 08-15 Client Sample ID: Sample Description: 1st floor hallway/Black cove base mastic Analyzed Non-Asbestos **Fibrous TEST** Date Color Non-Fibrous **Asbestos** Comment PLM 10/29/2013 Black 100% None Detected 0% TEM Grav. Reduction 10/31/2013 Black 0.0% 100% None Detected Lab Sample ID: 041329298-0016 Client Sample ID: Sample Description: Lab 003/Black cove base mastic Analyzed Non-Asbestos Comment **TEST** Date Non-Fibrous Color **Fibrous Asbestos** PLM 10/30/2013 Cream 0% 100% None Detected Client Sample ID: 09-17 Lab Sample ID: 041329298-0017 Sample Description: F-101/2x2 brown linoleum Analyzed Non-Asbestos **TEST** Non-Fibrous Asbestos Comment Date Color **Fibrous**

0%

0.0%

100%

100%

None Detected

None Detected

10/29/2013

10/31/2013

Brown

Brown

PLM

TEM Grav. Reduction



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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:	09-18-Cove Base					Lab Sample ID:	041329298-0018
Sample Description:	Animal room 015d/2x2 brov	vn linoleum					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	Brown	0%	100%	None Detected	Sample appears to rather than linoleu	o be covebase and mastic
TEM Grav. Reduction	10/31/2013	Brown	0.0%	100%	None Detected		
Client Sample ID:	09-18-Mastic					Lab Sample ID:	041329298-0018A
Sample Description:	Animal room 015d/2x2 brow	wn linoleum					
	Analyzed		Non-	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	Yellow	0%		None Detected		
TEM Grav. Reduction	10/31/2013	Yellow	0.0%		None Detected		
Client Sample ID:	10-19					Lab Sample ID:	041329298-0019
Sample Description:	F-007/Tan linoleum						
campic Bescription.	r-007/Tail iiiloleuili						
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/29/2013	Tan	0%		None Detected		
TEM Grav. Reduction	10/31/2013	Tan	0.0%		None Detected		
Client Sample ID:	10-20					Lab Sample ID:	041329298-0020
· ·						Lub Gumpie IB.	041020200 0020
Sample Description:	F-007/Tan linoleum						
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	Tan	0%	100%	None Detected		
Client Sample ID:	11-21					Lab Sample ID:	041329298-0021
Sample Description:	1st floor back hallway/2" ell	oow insulation					
TEOT	Analyzed	0-1		-Asbestos	A = b = = 4 = =	Comment	
TEST	Date 10/20/2013	Crow/Ton	Fibrous	Non-Fibrous	Asbestos None Detected	Comment	
PLM	10/29/2013	Gray/Tan	10%	90%	None Detected		
Client Sample ID:	11-22					Lab Sample ID:	041329298-0022
Sample Description:	Print shop/2" elbow insulati	on					
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/29/2013	Gray/Tan	10%		None Detected		
Client Sample ID:	11-23	······································				Lab Sample ID:	041329298-0023
Sample Description:							-
Sample Description.	F-109g/2" elbow insulation						
	Analyzed		Non-	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	Gray	18%	82%	None Detected		
Client Sample ID:	12-24					Lab Sample ID:	041329298-0024
Sample Description:	Print shop/8" elbow insulati	on					
	Analyzed		Non	-Asbestos		_	

Date

10/29/2013

Color

White

Fibrous

0%

Non-Fibrous

100%

Asbestos

None Detected

Comment

TEST

PLM



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			via EPA 600/R-93/1	16		
Client Sample ID:	12-25				Lab Sample ID:	041329298-0025
Sample Description:	F-012 hallway/8" elbow insulati	on				
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	10/29/2013	White	0% 100%	None Detected		
Client Sample ID:	12-26				Lab Sample ID:	041329298-0026
Sample Description:	F-002/8" elbow insulation				•	
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	White	13% 87%	None Detected		
Client Sample ID:	13-27				Lab Sample ID:	041329298-0027
Sample Description:	F-009/6" elbow insulation					
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	10/29/2013	White	2% 98%	None Detected		
Client Sample ID:	13-28				Lab Sample ID:	041329298-0028
Sample Description:	Print shop/6" elbow insulation					
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	10/29/2013	White	2% 98%	None Detected		
Client Sample ID:	13-29				Lab Sample ID:	041329298-0029
Sample Description:	F-201/6" elbow insulation					
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	White	5% 95%	None Detected		
Client Sample ID:	14-30				Lab Sample ID:	041329298-0030
Sample Description:	F-001D/4" elbow insulation					
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	10/29/2013	White	0% 100%	None Detected		
Client Sample ID:	14-31				Lab Sample ID:	041329298-0031
Sample Description:	F-001D/4" elbow insulation				•	
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	White	3% 97%	None Detected		
Client Sample ID:	15-32				Lab Sample ID:	041329298-0032
Sample Description:	F-026/1/2" elbow insulation					
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	10/29/2013	White	0% 100%	None Detected		



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			71G =1 71	000/11 00/11			
Client Sample ID:	15-33					Lab Sample ID:	041329298-0033
Sample Description:	F-026/1/2" elbow insulation						
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	Gray	8%	92%	None Detected		
Client Sample ID:	16-34					Lab Sample ID:	041329298-0034
Sample Description:	F-wing hall outside F-201/12	" elbow insulation					
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/29/2013	White	0%	100%	None Detected		
Client Sample ID:	16-35					Lab Sample ID:	041329298-0035
Sample Description:	F-201/12" elbow insulation						
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	Gray	8%	92%	None Detected		
Client Sample ID:	17-36					Lab Sample ID:	041329298-0036
Sample Description:	Greenhouse/Flower bed tran	nsite paneling					
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	Gray	0%	85%	15% Chrysotile		
Client Sample ID:	18-37					Lab Sample ID:	041329298-0037
Sample Description:	Outside F-130/2x2 lay-in cei	ling tile					
		90					
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/29/2013	Gray/White	80%	20%	None Detected		
Client Sample ID:	18-38					Lab Sample ID:	041329298-0038
Sample Description:	Men's restroom/2x2 lay-in ce	ailing tile				•	
,	Well's restroom/2x2 lay-iii co	siling the					
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	Gray/White	80%	20%	None Detected		
Client Sample ID:	19-39					Lab Sample ID:	041329298-0039
Sample Description:						zaz campio izi	
Campic Description.	F-103/Tan cove base mastic	,					
	Analyzed		Non-	Asbestos			
TEST	Analyzed Date	Color		Asbestos Non-Fibrous	Asbestos	Comment	
		Color Tan			Asbestos None Detected	Comment	
PLM	Date		Fibrous	Non-Fibrous		Comment	
PLM TEM Grav. Reduction	Date 10/29/2013	Tan	Fibrous 0%	Non-Fibrous 100%	None Detected	Comment Lab Sample ID:	041329298-0040
PLM TEM Grav. Reduction Client Sample ID:	Date 10/29/2013 10/31/2013	Tan Tan	Fibrous 0%	Non-Fibrous 100%	None Detected		041329298-0040
PLM TEM Grav. Reduction Client Sample ID:	10/29/2013 10/31/2013 19-40 F-106/Tan cove base mastic	Tan Tan	6.0%	Non-Fibrous 100% 100%	None Detected		041329298-0040
TEST PLM TEM Grav. Reduction Client Sample ID: Sample Description:	Date 10/29/2013 10/31/2013 19-40	Tan Tan	9% 0.0% Non-	Non-Fibrous 100%	None Detected		041329298-0040



Client Sample ID:

Client Sample ID:

Client Sample ID:

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Lab Sample ID:

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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

041329298-0041 Lab Sample ID: Client Sample ID: 20-41

Sample Description: F-203/Brown cove base mastic

Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous **Asbestos** Comment Tan PLM 10/29/2013 0% 100% None Detected 0.0% TEM Grav. Reduction 10/31/2013 100% None Detected Tan 041329298-0042

Sample Description: F-228/Brown cove base mastic

20-42

Analyzed Non-Asbestos TEST Date Color **Fibrous** Non-Fibrous **Asbestos** Comment PLM 10/30/2013 Tan/Cream 0% 100% None Detected

Lab Sample ID: 041329298-0043 Client Sample ID:

Sample Description: F-130 hallway/Grey cove base mastic

Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous Comment **Asbestos** PLM 10/29/2013 Tan 0% 100% None Detected TEM Grav. Reduction 10/31/2013 Tan 0.0% 100% None Detected

Client Sample ID: 21-44 Lab Sample ID: 041329298-0044

Sample Description: F-122 hallway/Grey cove base mastic

Analyzed Non-Asbestos **TEST** Non-Fibrous Asbestos Comment Date Color **Fibrous** PLM None Detected 10/30/2013 Tan/White 0% 100% Lab Sample ID: 041329298-0045 22-45-Floor Tile

Sample Description: Hallway outside RMF-106/12"light blue floor tile

Analyzed Non-Asbestos Non-Fibrous **TEST Fibrous** Asbestos Comment Date Color PLM None Detected 10/29/2013 Blue 0% 100% 10/31/2013 Blue 0.0% 100% None Detected TEM Gray, Reduction

Lab Sample ID: 041329298-0045A 22-45-Mastic Client Sample ID:

Sample Description: Hallway outside RMF-106/Mastic

Analyzed Non-Asbestos **TEST** Date Fibrous Non-Fibrous Comment Color **Asbestos** PLM 10/29/2013 Insufficient Material Lab Sample ID: 041329298-0046

Sample Description: Hallway outside F-107/12"light blue floor tile

22-46-Floor Tile

Analyzed Non-Asbestos **TEST** Non-Fibrous **Asbestos** Comment Date Color **Fibrous** PLM 10/30/2013 Blue 0% 100% None Detected

Lab Sample ID: 041329298-0046A Client Sample ID: 22-46-Mastic

Sample Description: Hallway outside F-107/Mastic

Non-Asbestos Analyzed TEST Non-Fibrous Comment Color **Fibrous Asbestos** Date PLM 10/30/2013 Yellow 0% 100% None Detected TEM Grav. Reduction 10/31/2013 Yellow 0.0% 100% None Detected



Client Sample ID:

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041329298-0047A

041329298-0048

041329298-0049

041329298-0049A

041329298-0050

Project ID:

Lab Sample ID:

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

Lab Sample ID: 041329298-0047 Client Sample ID: 23-47-Floor Tile

Sample Description: Hallway outside F-101P/12"light blue floor tile

Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous Asbestos Comment PLM 10/29/2013 Blue 0% 100% None Detected TEM Grav. Reduction 10/31/2013 0.0% 100% Blue None Detected

23-47-Mastic Sample Description: Hallway outside F-101P/Mastic

Analyzed Non-Asbestos TEST Date Color **Fibrous** Non-Fibrous **Asbestos** Comment PLM 10/29/2013 Brown 0% 100% None Detected None Detected TFM Gray Reduction 10/31/2013 Brown 0.0% 100%

Sample Description: F-101P/12" light green floor tile

23-48-Floor Tile

Analyzed Non-Asbestos **TEST** Date **Fibrous** Non-Fibrous Asbestos Comment Color PLM 10/30/2013 Blue/Green 0% 100% None Detected Client Sample ID: 23-48-Mastic Lab Sample ID: 041329298-0048A

Sample Description: F-101P/Mastic

Non-Asbestos Analyzed **TEST** Date Non-Fibrous Comment Color **Fibrous Asbestos** Tan/Yellow РІ М 10/30/2013 0% 100% None Detected

Sample Description: F-297/12" brown w/black specks floor tile

24-49-Floor Tile

Non-Asbestos Analyzed Non-Fibrous **TEST** Asbestos Comment Date Color **Fibrous** PLM Brown None Detected 10/30/2013 0% 100% 10/31/2013 0.0% 100% None Detected TEM Gray, Reduction Brown

24-49-Mastic Sample Description: F-297/Mastic

24-50-Floor Tile

Analyzed Non-Asbestos **TEST** Non-Fibrous Comment Date Color **Fibrous Asbestos** PLM 10/29/2013 Black 0% 100% None Detected 10/31/2013 TEM Grav. Reduction Insufficient Material

Sample Description: F-228/12" brown w/black specks floor tile

Non-Asbestos Analyzed **TEST Fibrous** Non-Fibrous Comment Date Color **Asbestos** PLM 10/30/2013 Brown 0% 100% None Detected 041329298-0050A Client Sample ID: 24-50-Mastic Lab Sample ID:

Sample Description: F-228/12" brown w/black specks floor tile

Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous **Asbestos** Comment Limited material PLM 10/30/2013 Black 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

041329298-0051 Lab Sample ID: Client Sample ID: 25-51-Floor Tile Sample Description: F-026/12" tan/brown floor tile Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous Asbestos Comment PLM 10/29/2013 Brown/Tan 0% 100% None Detected TEM Grav. Reduction 10/31/2013 Brown /Tan 0.0% 100% None Detected Lab Sample ID: 041329298-0051A Client Sample ID: 25-51-Mastic Sample Description: F-026/Mastic Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous **Asbestos** Comment PLM 10/29/2013 Insufficient Material Lab Sample ID: 041329298-0052 25-52-Floor Tile Client Sample ID: Sample Description: F-001C/12" tan/brown floor tile Analyzed Non-Asbestos **TEST** Date **Fibrous** Non-Fibrous Comment Color **Asbestos** PLM 10/30/2013 Brown/Tan 0% 100% None Detected Client Sample ID: 25-52-Mastic Lab Sample ID: 041329298-0052A Sample Description: F-001C/Mastic Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous **Asbestos** Comment PLM 100% Limited material 10/30/2013 Yellow 0% None Detected 10/31/2013 100% 0.0% TEM Grav. Reduction Yellow None Detected Lab Sample ID: 041329298-0053 26-53-Floor Tile Client Sample ID: Sample Description: F-103/12" aqua floor tile Non-Asbestos Analyzed Non-Fibrous **TEST** Asbestos Comment Date Color **Fibrous** PLM None Detected 10/29/2013 Blue 0% 100% 10/31/2013 Blue 0.0% 100% None Detected TEM Grav. Reduction Lab Sample ID: 041329298-0053A 26-53-Mastic Client Sample ID: Sample Description: F-103/Mastic Analyzed Non-Asbestos **TEST** Non-Fibrous Comment Date Color **Fibrous Asbestos** PLM 10/29/2013 0% 100% None Detected Brown 10/31/2013 TEM Grav. Reduction Insufficient Material 041329298-0054 Client Sample ID: Lab Sample ID: 26-54-Floor Tile Sample Description: F-103/12" aqua floor tile Non-Asbestos

Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous **Asbestos** Comment PLM 10/30/2013 Yellow 0% 100% None Detected

Non-Fibrous

100%

Fibrous

0%

Color

Blue

26-54-Mastic

F-103/Mastic

TEST

Client Sample ID:

Sample Description:

PLM

Analyzed

Date

10/30/2013

041329298-0054A

Comment

Lab Sample ID:

Asbestos

None Detected



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			via EPA	600/R-93/110	0		
Client Sample ID:	27-55					Lab Sample ID:	041329298-0055
Sample Description:	F-228/2x2 textured ceiling	j tile					
	A		N.	Ashantas			
TEST	Analyzed Date	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	10/29/2013	Gray/White	80%		None Detected	Commone	
	27-56					Lab Sample ID:	041329298-0056
Client Sample ID: Sample Description:		. 49 -				Lab Sample ID.	041323230-0030
Sample Description.	F-224/2x2 textured ceiling	tile					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	Gray/White	75%	25%	None Detected		
Client Sample ID:	28-57					Lab Sample ID:	041329298-0057
Sample Description:	F-211/Blown-in insulation						
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/29/2013	White	80%	20%	None Detected		
Client Sample ID:	28-58					Lab Sample ID:	041329298-0058
Sample Description:	F-106/Blown-in insulation						
TEOT	Analyzed	0-1		-Asbestos	A -b4	Commont	
PLM	10/29/2013	Color White	Fibrous 80%	Non-Fibrous 20%	Asbestos None Detected	Comment	
		VVIIICE		2070	None Detected		
Client Sample ID:	28-59					Lab Sample ID:	041329298-0059
Sample Description:	F-101F/Blown-in insulatio	n					
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	White	95%		None Detected		
Client Sample ID:	29-60					Lab Sample ID:	041329298-0060
Sample Description:	F-207/Tan lay-in ceiling til	Δ.				,	
, , , , , , , , , , , , , , , , , , , ,	1 2077 fair lay in ceiling in						
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/29/2013	Gray/White	80%	20%	None Detected		
Client Sample ID:	29-61					Lab Sample ID:	041329298-0061
Sample Description:	F-207/Tan lay-in ceiling til	e					
	, ,						
	Analyzed			-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	Gray/White	65%	35%	None Detected		
Client Sample ID:	33-62					Lab Sample ID:	041329298-0062
Sample Description:	F-015 animal rm/2x4 textu	ured lay-in ceiling tile					
	Analyzed			-Asbestos		_	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/29/2013	Brown/Gray/White	80%	20%	None Detected		



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			710 E1 / t	000/11 00/11	•		
Client Sample ID:	33-63					Lab Sample ID:	041329298-0063
Sample Description:	F-015 animal rm/2x4 textur	ed lay-in ceiling tile					
	Analyzed		Non-	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	Gray/White	70%	30%	None Detected		
Client Sample ID:	34-64					Lab Sample ID:	041329298-0064
Sample Description:	Animal Rm F-015b/Ceiling	material					
	Analyzed		Non-	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/29/2013	White	0%	100%	None Detected		
Client Sample ID:	34-65					Lab Sample ID:	041329298-0065
Sample Description:	Animal Rm F-015f/Ceiling r	material					
	Analyzed		Non-	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	White	0%	100%	None Detected		
Client Sample ID:	35-66					Lab Sample ID:	041329298-0066
Sample Description:	Lab 003/Glue assoc w/styro	ofoam ceiling					
		3					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM TEM Grav. Reduction	10/29/2013 10/31/2013	Brown/White Brown /White	0%	100%	None Detected None Detected		
Client Sample ID:	35-67	Biowinito	0.070	10070	None Beleeted	Lab Sample ID:	041329298-0067
Sample Description:	Hallway outside labs/Glue a	assoc w/styrofoam o	ceiling			•	
	Analyzad		Non	-Asbestos			
TEST	Analyzed Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	Brown/White	0%	100%	None Detected		
	36-68					Lab Sample ID:	041329298-0068
Client Sample ID:						Lab Sample ID.	041323230-0000
Sample Description:	F-102/Wrapping on fibergla	iss pipe insulation					
	Analyzed		Non-	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/29/2013	Brown/White	60%	40%	None Detected		
Client Sample ID:	36-69					Lab Sample ID:	041329298-0069
Sample Description:		an nina inculation					01.020200
campie 2000 i puom	F-106/Wrapping on fibergla	iss pipe irisulation					
	Analyzed			-Asbestos		•	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/30/2013	White	65%	35%	None Detected		
Client Sample ID:	37-70					Lab Sample ID:	041329298-0070
Sample Description:	F-101f/1" elbow insulation						
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	



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 Client Sample ID:
 37-71
 Lab Sample ID:
 041329298-0071

Sample Description: Back hallway by labs/1" elbow insulation

 PLM
 Analyzed
 Non-Asbestos

 TEST
 Date
 Color
 Fibrous
 Non-Fibrous
 Asbestos
 Comment

 PLM
 10/30/2013
 Gray
 10%
 90%
 None Detected

Analyst(s)

Chris Little TEM Grav. Reduction (21)
Jamie Marczak PLM (41)
Juli Patel PLM (43)

Stephen Siegel, CIH, Laboratory Manager or other Approved Signatory

Any questions please contact Steve Siegel.

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

Initial report from: 10/30/201310:58:38

1253 North Church Street, Moorestown, NJ 08057 856-840-8800 Fax 856-840-8815

04 (3 9 9 8 E-MAIL ALL RESULTS AND COC TO: emsi@ttienv.com

PLM Sampling Data and Chain of Custody Record

O Jim Guilardi P Michael Stocku	DATE: 10 28 /13	Sample Container	Whirl Pak																	7	d Stop At First		sach homogeneous arial for TEM analysis,	ng material from other oup. (Initials
College of Nx TTI PROJECT MANAGER:	FACILITY: F- Wing	Material Description	254' Lay-in ceiling tile	2x4 lay-in reiling tile	2'x2' yellow lindering	12'x3' vellow linoleum	sheetreck / Join + conserved	150int	multicolored F	13" Fan Multicolored F.T. I mastic	talo Glue	tab	15' Spechled Beige F.T. Mystic	13" Sochlid Beige F.T. /Mastic	wed ceiling t	solated reil	Black coverses mastic	ione base	2 Brann 1	Brown Lin	Time Pg No	Date Time NOB MATERIALS:	NNIO group (Initials Sample in each homogeneous group (Initials Samples with insufficient material for TEM analysis,	please perform composite analysis using material from other samples in the same homogeneous group. (Initials
CLIENT: Aichard Stockton	S. S. CLIENT CONTACT:	Sample Location	F-0014	Lab oou	Lab 003	f - 007	1st Floor Hallway	3rd Floor Hallway	F-001a	F-0019	First Floor Hallway by Lab 603	F-007	F-001f	Print show	F006	15 Floor (talling)	1ª Floor Hallman	lab 003 /	F-101	Animal Moon 015d	Time Received by:	Date Time Received by: (Signature)	INSUL NO SHIMAN	
PROJECT #: 13-1135	SAMPLER(S):	Sample #	10-10	01-03	02 - 03	40 - 40	65-05	03-06	10-10	0-1 - 08	05 - 09	01-50	11-90	R1-90	61-13	41-10	51-80	08-16	09-17	81-20	Relinquished by: (Sign	Relinquished by: (Signature)		

X-0-1

041329298

OY (3 2 9298 E-MAIL ALL RESULTS AND COC TO: emsl@ttienv.com

1253 North Church Street, Moorestown, NJ 08057 OT 65 727 EMAIL ALL RESULTS 856-840-8800 Fax 856-840-8815
PLM Sampling Data and Chain of Custody Record

PROJECT #: 13- 1135 CLIENT: Bichard stackton (c)lege	8	O Jim Guilardi Michael Stocku
CLIENT CONTACT:	FACILITY: F - Wing	DATE: 10/28/13
Sample Location	Material Description	Sample Container
-001	Tan Lingleum	Whirl Pat
F-007	Tan Linoleum	
Floor Bach Hallway	2" Elbon Insulation	
Print shap	1 Elban Insulation	
0	N.E.O.	
Print Shop		
'0	* 1	
F + 003	8" Elbar Insulation	
F-009	6" Ellow Insulation	
Print shap	(0)	
	7,	
F. 0010	Elban	
F-001 1)		
F-026	- 31	
F-036	1/2" Flow Insulation	
F-wing Itall whide F-201	Elban .	
2017		
Greenhouse	uer Bed	>
Time	PO.No. CITIVS2	ound Stop At First Positive
Date Time Received by 2 (Signature)	Date Time NOB MATERIALS:	anononous homoran
SAL	group, (Initials Sainple in each nonogeneous) For NOB samples with insufficient material for TEM analysis,	naterial for TEM analysis,
AREUF IVEN	samples in the same homogeneous group. (Initials	group, (initials

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O-(13292) EMAIL ALL RESULTS AND COC TO: emsl@ttienv.com

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Stop At First Positive Sample Container For NOB samples with insufficient material for TEM analysis, please perform composite analysis using material from other samples in the same homogeneous group. (Initials DATE: 10/39/12 Perform TEM analysis of 1st sample in each homogeneous O Jim Guilardi Michael Stocku Chir F.1. (Magh? Hour Turnaround Time Mastic TTI PROJECT MANAGER: 4 7 Mash Machi Mastro mashe Mastic Macho Mostic Mache Mastic Back souchs Black specks Fit. CRITING reiling MOSTIC 1:14 Mastic Material Description Mastr Machic NOB MATERIALS: F-Wing ニ・レ نيا نيا group, (Initials ド lavebase (avebase avetase CORPORSE ー・ド・レ cuebase Concepase PO No. 3000 いいっかり とうんな SICEN 378 beren Pron 空多 Blue 3 FACILITY: 17 3" Grann w 13" (Soun らのせ Agra Bican Tan Brown 100 Time Time 17 TH けつ 13" 14. Tan GM Seco イナス oles Trest 101 College 也 0 Received by: 4 Signature 6 | 1 Date 1 CINNAMINSON, NJ 0 Date MrF-106 Received by: (Signature) CLIENT: Archard Stack-bon 101-7 F-101P CLIENT CONTACT: Sample Location Hall way F-134 Hallus Stricke Mestroom or Kick 4-130 akside Time Time -338 F- 130 F - 703 f- 001c F-106 F-103 100 F- 103 to Huch F-036 F- 338 F-103 1000 Outs de 1-20-4 to 1 may Date 101-A r (Signature) Relinquished by: (Signature) PROJECT #: 13 - 1135 'n Relinquished by: 500 ハス Sample # 53 · 48 - 45 5 SAMPLER(S): 91-73-47 20.42 PH-43 アナーーの -39 97-5 18-37 70-41 8-38 1 34 33 74 2 2

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OUISAQOS EMAILALL RESULTS AND COC TO: emsi@ttienv.com

PLM Sampling Data and Chain of Custody Record 1253 North Church Street, Moorestown, NJ 08057 856-840-8800 Fax 856-840-8815

Stop At First Positive Sample Container please perform composite analysis using material from other samples in the same homogeneous group, (latitals For NOB samples with insufficient material for TEM analysis, Perform TEM analysis of 1st sample in each homogeneous Whill Pay DATE: (6/39 Fibers ass pipe insolotion O Jim Guilardi Michael Stocku Athoram ceiling 上 Hour Turnaround insulation 7.16 ceiling I A MANAGER: celling on Erberghest Nine Cer line cty rotom Material Description cerling Koun-in Insulation 2110 NOB MATERIALS: Blaun-in Insulation FACILITY: F- WILLS Materia ハーハロ Insulation Insulation Tusulation group, (Initials Mareria 9556C m NO 1- KU PO No. Textured Textured 1ectuca DIET WYSDING 2x4' Textwed blue assoc, w - Non Blaun-in Cer line certing Elban Time Time 25 JACON THE Tan 100 Jag, 2x4 CLIENT: Arland Stackton College Date Date CINNAMINSON, NJ Secerved by: (Signature) Received by: (Signature) Sq on Lalos S S R F-0156 F-0154 CLIENT CONTACT: Sample Location Airma Ani mal 3 a kick 1 Killway 3 Time Time P. M. 003 F-1017 F- 106 F-015 5/26/3 F-1012 P-106 F-228 Col-7 F-015 1 tallucy F 374 F-207 ニャーム アーンの Date Date Anima Anima g Beh PROJECT #: 13 - 1135 7.5 Relinquished by: (Signature) Relinquished by: (Signature) Sample # 59 SAMPLER(S): 37-78 28-57 85 - 36 27 - 55 19-60 27-56 34-65 35-66 35-67 34-64 36 - 68 29-61 39-62 -63 36 - 69 - 80