- Indoor Air Quality
- OSHA Compliance
- Asbestos Consulting
 Training
- Lead Consulting

Industrial Hygiene

October 17, 2016

Mr. Alex Gorlob Cornerstone Building and Restoration 44 Coyle Street Portland, Maine 04101

Asbestos Bulk Sampling Results for 30 Merrill Street, Portland, Maine. Re:

Dear Mr. Gorlob;

Environmental Safety & Hygiene Associates, Inc. (ESHA) was retained by Cornerstone Building and Restoration to conduct a MDEP and USEPA required and compliant asbestos demolition impact assessment of a multi-family dwelling located at 30 Merrill Street, Portland, Maine.

The objective of the assessment was to assess and document the presence of Presumed Asbestos Containing Materials (PACM) within the boundaries of structure that may be impacted by complete demolition. In addition, the assessment was conducted to assure compliance with the requirements of the MDEP, USEPA National Emission Standard for Hazardous Air Pollutants (NESHAP's), and the Occupational Safety and Health Administration (OSHA).

Background

During the survey, the inspection team identified suspect PACM's for subsequent sampling and analysis. The asbestos building material survey was conducted in accordance with Maine DEP Chapter 425 Asbestos Management Regulations. The inspection included collection of bulk building material samples of suspect materials that are representative of each homogenous building material type area. The MDEP has minimum sampling requirements for the varying types of suspect materials they are as follows;

Surfacing materials; sprayed or applied by trowel and include fireproofing materials and various plasters. At least three bulk samples of surfacing materials were collected from each homogeneous area that was less than 1,000-square feet. Five bulk samples were collected for areas 1,000 to 5,000square feet, and seven bulk samples were collected for areas greater than 5,000-square feet

Mr. Alex Gorlob Cornerstone Building and Restoration Page Two

Miscellaneous ACM; includes a variety of ceiling tiles, floor tiles, and gypsum board. Sample quantities for miscellaneous ACM follow the same requirements as for the two previously mentioned ACM types.

Thermal system insulation; including boiler cover, pipe cover, and duct insulation were assessed. The materials were either assumed to be asbestos containing or were sampled as follows; At least three bulk samples of thermal system insulation from each homogenous area or at least one bulk sample from each homogeneous patched area if the section is less than six linear or square feet

All bulk samples collected were submitted to Northeast Laboratory Services, Portland, Maine an independent State-licensed and NVLAP Accredited Asbestos Analytical Laboratory. Bulk samples of surfacing materials, thermal system insulation, and cementitious materials were analyzed by PLM-EPA 600/R-93/116 visual estimation method. Materials with an asbestos content of less than 10% as determined by PLM were reanalyzed by Point Count Method.

Bulk samples of non-friable organically bound materials (NOB's) such as flooring, asphalt, adhesives, coatings, and glazing were analyzed by PLM/NOB EPA 600/R-93/116 with gravimetric reduction method. Materials with an asbestos content of less than 10% as determined by PLM were reanalyzed by Point Count Method.

Summary of Findings

ESHA collected twenty-three (23) sample groups of suspect building materials within and on the structure that will be impacted by the demolition (See attached bulk sample summary). Based on the findings of this assessment and the analytical data the only regulated asbestos containing building materials that will require proper removal prior to the demolition is asbestos mudded fitting and pipe cover debris in the basement.

The ACMs identified in this building are summarized below.

BUILDING AREA Basement		ASBESTOS MATERIAL	QUANTITY (Approximate)	ABATEMENT METHOD
		Asbestos Pipe and Fitting Debris	50 sq. ft.	AM-1
	for den renova AM-2 Regula work p	we pressure regulated area methods un nolition projects or full containment retion projects ted area using wet and chemical removactices non-friable adhesives ted area and wet removal methods perments	regulated area methoval methods per M	ods per MDEP for IDEP alternative



Mr. Alex Gorlob Cornerstone Building and Restoration Page Three

Closing

The possibility for hidden or un-sampled PACM (Pipe chases, crawl spaces, wet walls, ceiling plenums, sub-soils, etc.) is a factor to consider when conducting routine maintenance, renovations, or general demolition. Should suspect PACM be encountered during any of the above operations that are not identified in this report or conclusive results can't be obtained, additional sampling / analysis should be conducted by a State of Maine Licensed Asbestos Inspector.

We appreciate the opportunity to assist you with your asbestos testing needs, should you require further assistance please feel free to contact us at any time.

Very truly

Mark P. Coleman CIE, CMR

President





Asbestos Testing Summary

Client:

Page 1 of 2

Cornerstone Building & Restoration 44 Coyle St. Portland, ME 04101 Project No. 16-257 Testing Date: 10/11/2016

Testing Location 30 Merrill St. Portland

Sample	Sample	Sample	Sample
ID	Location	Description/Color	Results
1A	Basement	Suspect Mudded Fitting Debris - White	40% Chrysotile
1B	u .		Stop Positive (Not Analyzed
1C	II.	0	Stop Positive (Not Analyzed
2A	Basement	Suspect Pipe Cover Debris - Tan	25% Chrysotile
2B			Stop Positive (Not Analyzed
2C	II .	<u>n</u>	Stop Positive (Not Analyzed
3A	Kitchen	Linoleum (top layer) - Cream	None Detected
3B	Ш		None Detected
3C	II		None Detected
4A	2nd Floor Bathroom	Linoleum (top layer) - Tan	None Detected
4B	u ,	1	None Detected
4C	11 A		None Detected
5A	2nd Floor Bathroom	2nd Layer Felt Paper - Black	None Detected
5B	п	u u	None Detected
5C	, II	п	None Detected
6A	2nd Floor Bathroom	Linoleum (3rd Layer) - Brown	None Detected
6B	ii —	n n	None Detected
6C	. U	n .	None Detected
7A	2nd Floor	Joint Compound - White	None Detected
7B		u.	None Detected
7C	, n	n .	None Detected
8A	2nd Floor	Drywall - Gray	None Detected
8B	W	0	None Detected
8C	II.	ü	None Detected
9A	2nd Floor	Plaster - Gray	None Detected
9B	u di		None Detected
9C	n.		None Detected
10A	Throughout	Felt under Hardwood Floors - Tan	None Detected
10B	n n	n e	None Detected
10C	"	n	None Detected
11A	Kitchen	12 x 12 Floor Tiles - Green	None Detected
11B	u u		None Detected
11C		u	None Detected
12A	Kitchen	12 x 12 Floor Tiles - Marble	None Detected
12B			None Detected
12C			None Detected



Asbestos Testing Summary

Client:

Page 2 of 2

Cornerstone Building & Restoration 44 Coyle St. Portland, ME 04101 Project No. 16-257

Testing Date: 10/11/2016

Testing Location 30 Merrill Rd. Portland

Sample	Sample	Sample	Sample
ID	Location	Description/Color	Results
13A	Kitchen	Linoleum under Floor Tiles - Red	None Detected
13B	н		None Detected
13C	0	n n	None Detected
14A	Kitchen	Joint Compound - White	None Detected
14B	Ш	n	None Detected
14C		, n	None Detected
15A	Kitchen	Drywall - Gray	None Detected
15B	n .	u u	None Detected
15C	n .		None Detected
L6A - Skim Coat	Kitchen	Plaster - Gray	None Detected
.6A - Base Coat	.	0	None Detected
.6B - Skim Coat	u		None Detected
6B - Base Coat	n	n en	None Detected
6C - Skim Coat	II .		None Detected
.6C - Base Coat	n n	4. N. 1942 B. W. 1940 B. 1981 B. 1981	None Detected
17A	Exterior	Old Window Sash Glazing - White/Blue	None Detected
17B	U	n.	None Detected
17C	n	2012 - Paris III - Paris III - Paris II - Pa	None Detected
18A	Exterior	Felt Paper behind Siding - Black	None Detected
18B	u u	II	None Detected
18C	u u		None Detected
19A	F. L		None Detected
	Exterior - Shed	Rolled Roofing on Shed - Black	None Detected
19B 19C			None Detected
190		n	None Detected
20A	Exterior - Shed	Felt under Rolled Roofing - Black	None Detected
20B			None Detected
20C	II	n,	None Detected
21A	Exterior	Asphalt Roof Singles - Red/Black	None Detected
21B	H.	Ü.	None Detected
21C	II.		None Detected
22A	Exterior	Felt under Roof Shingles - Black	None Detected
22B	n	H H	None Detected
22C	"	ii .	None Detected
23A	Exterior	Felt under Hardwood - Black	None Detected
23B	u .		None Detected
23C	ii ii	u u	None Detected

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EMSL Order ID: Customer ID:

Customer PO:

Project ID:

621601574

ESH50

Attn: Mark Coleman

Environmental Safety & Hygiene Assoc.

91 Larrabee Rd

Westbrook, ME 04092 Phone:

(207) 854-2711

Fax:

Collected:

10/11/2016

Received:

10/13/2016

Analyzed:

10/14/2016

Proj: 20 MERRILL STREET

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Client Sample ID:

Lab Sample ID:

621601574-0001

621601574-0004

621601574-0005

Sample Description:

BASEMENT - SUSPECT MUDDED FITTING DEBRIS

	Analyzed		Non-A	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/14/2016	White	0%	60%	40% Chrysotile		

Client Sample ID: Sample Description:

BASEMENT - SUSPECT MUDDED FITTING DEBRIS

Lab Sample ID: 621601574-0002

Lab Sample ID:

Lab Sample ID:

		Analyzed		Nor	-Asbestos			
TEST		Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM		10/14/2016			Positive	Stop (Not Analyzed)		
Client Sample ID:	1C						Lab Sample ID:	621601574-0003

Client Sample ID: Sample Description:

BASEMENT - SUSPECT MUDDED FITTING DEBRIS

Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM 10/14/2016 Positive Stop (Not Analyzed)

Client Sample ID: Sample Description:

2A

BASEMENT - SUSPECT PIPE COVER DEBRIS

Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment 10/14/2016 Tan 40% 35%

Client Sample ID:

PLM

25% Chrysotile

Sample Description:

BASEMENT - SUSPECT PIPE COVER DEBRIS

Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM 10/14/2016 Positive Stop (Not Analyzed) Client Sample ID: 2C

Lab Sample ID: 621601574-0006 Sample Description: BASEMENT - SUSPECT PIPE COVER DEBRIS

Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM 10/14/2016 Positive Stop (Not Analyzed) Client Sample ID: 3A Lab Sample ID: 621601574-0007

Sample Description:

KITCHEN - CREAM LINOLEUM TOP LAYER

Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM Grav. Reduction 10/14/2016 Beige 0.0% 100% None Detected



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Customer PO: Project ID:

Client Sample ID:	3B Summary Test Repo			iony cit of Bu	in material via L		
Sample Description:	KITCHEN - CREAM LINOLEUI	MITOPLAYED				Lab Sample ID:	621601574-0008
	THE OTHER ONE WE ENTOLED	WITOI LAILK					
	Analyzed		Noi	n-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/14/2016	Beige	0.0%	6 100%	None Detected		
Client Sample ID:	3C					Lab Sample ID:	621601574-0009
Sample Description:	KITCHEN - CREAM LINOLEUM	I TOP LAYER				cp.c.i2.	0210010140000
	Analyzed		Nor	n-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/14/2016	Beige	0.0%	100%	None Detected		
Client Sample ID:	4A					Lab Sample ID:	621601574-0010
Sample Description:	2ND FLR BATH - TAN LINOLE	JM TOP LAYER	?			- 10.0	
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous		Asbestos	Comment	
PLM Grav. Reduction	10/14/2016	Tan	<0.25%	100%	None Detected		
Client Sample ID:	4B					Lab Sample ID:	621601574-0011
Sample Description:	2ND FLR BATH - TAN LINOLEU	JM TOP LAYER	L Company				
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/14/2016	Tan	<0.25%	100%	None Detected		
Client Sample ID:	4C					Lab Sample ID:	621601574-0012
Sample Description:	2ND FLR BATH - TAN LINOLEU	IM TOP LAYER					
-	Analyzed		Non	-Asbestos			
TEST PLM Grav. Reduction	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
LIVI Grav. Reduction	10/14/2016	Tan	0.49%	99.5%	None Detected		
Client Sample ID:	5A					Lab Sample ID:	621601574-0013
Sample Description:	2ND FLR BATH - BLACK FELT	PAPER 2ND LA	YER				
<u> </u>	Analyzed		Non-	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
LM Grav. Reduction	10/14/2016	Black	0.0%	100%	None Detected		
lient Sample ID:	5B					Lab Sample ID:	621601574-0014
ample Description:	2ND FLR BATH - BLACK FELT I	PAPER 2ND LA	YER			, 150 miles	
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
LM Grav. Reduction	10/14/2016	Black	0.0%	100%	None Detected		
lient Sample ID:	5C					Lab Sample ID:	621601574-0015
ample Description:	2ND FLR BATH - BLACK FELT F	APER 2ND I A	YER				
	Analyzed		Non-	Asbestos			
TEOT							
TEST PLM Grav. Reduction	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	



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	Summary Test Re	port for As	bestos A	nalysis of Bu	lk Material via E	EPA 600/R-93/	116
Client Sample ID:	6A					Lab Sample ID:	621601574-0016
Sample Description:	2ND FLR BATH - BROWN	LINOLEUM 3RD	LAYER				
	Analyzed		No	n-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/14/2016	Brown	0.09	6 100%	None Detected		
Client Sample ID:	6B					Lab Sample ID:	621601574-0017
Sample Description:	2ND FLR BATH - BROWN	INOLEUM 3PD	IAVED			Las Sample ID.	021001574-0017
	ZIO I ZIO DAINI BROVINI	LINOLLOW SIND	LATER				
	Analyzed		No	n-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/14/2016	Brown	0.0%	100%	None Detected		
Client Sample ID:	6C					Lab Sample ID:	621601574-0018
Sample Description:	2ND FLR BATH - BROWN I	INOLEUM 3RD	LAYER				021001014-0010
	Analyzed		Nor	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/14/2016	Brown	0.0%	100%	None Detected		
Client Sample ID:	7A					Lab Sample ID:	621601574-0019
Sample Description:	JOINT COMPOUND						
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/14/2016	White	0%	100%	None Detected		
Client Sample ID:	7B					Lab Sample ID:	621601574-0020
Sample Description:	JOINT COMPOUND					zan Gampio iz.	021001014-0020
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/14/2016	White	0%	100%	None Detected		
Client Sample ID:	7C					Lab Sample ID:	621601574-0021
Sample Description:	JOINT COMPOUND					Lus Gampie is.	021001074-0021
	CONTROL CONTROL						
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
LM	10/14/2016	White	0%	100%	None Detected		
lient Sample ID:	8A					Lab Compie 10	694604574 0000
ample Description:	DRYWALL					Lab Sample ID:	621601574-0022
	Analyzed		Non	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
LM	10/14/2016	Gray	6%	94%	None Detected	- John Merit	
lient Sample ID:	8B				200000	Lob Servel ID	C04C04F74 0000
ample Description:						Lab Sample ID:	621601574-0023
pro Docompuon.	DRYWALL						
	harvlenA		Al.	Anhantan			
TEST	Analyzed Date	Color		Asbestos Non-Fibrous	Asbestos	Comment	



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621601574 ESH50

Customer PO: Project ID:

Client Sample ID:	8C						Lab Sample ID:	621601574-0024
Sample Description:	DRYWALL							
TEST		yzed			n-Asbestos			
PLM		ate	Color		Non-Fibrous	Asbestos	Comment	
	10/14/2	2016	Gray	69	6 94%	None Detected		
Client Sample ID:	9A						Lab Sample ID:	621601574-0025
Sample Description:	PLASTER							
		0.0000000 . 000						
TEST	Anal _y Da		Calas		n-Asbestos			
PLM	10/14/2		Gray		Non-Fibrous	Asbestos	Comment	
		2010	Glay	69	94%	None Detected		
Client Sample ID:	9B						Lab Sample ID:	621601574-0026
Sample Description:	PLASTER							
		•						
TEST	Analy		Calan		-Asbestos			
PLM	10/14/2		Color		Non-Fibrous	Asbestos	Comment	
The state of the s	Date - Charles - No. of Section - Contract	.010	Gray	3%	97%	None Detected		
Client Sample ID:	9C						Lab Sample ID:	621601574-0027
Sample Description:	PLASTER							
TEST	Analy				-Asbestos			
PLM	10/14/2		Color		Non-Fibrous	Asbestos	Comment	
		:010	Gray	4%	96%	None Detected		
Client Sample ID:	10A						Lab Sample ID:	621601574-0028
Sample Description:	FELT UNDER HAF	RDWOOD	FLOORS					
TEST	Analy Dat		Colon		-Asbestos			
PLM	10/14/2		Color	97%	Non-Fibrous 3%	Asbestos	Comment	
		010	Idii	97%	3%	None Detected		
Client Sample ID:	10B						Lab Sample ID:	621601574-0029
Sample Description:	FELT UNDER HAR	RDWOOD	FLOORS					
TEST	Analy Dat		Calan		Asbestos			
PLM	10/14/20	-	Color		Non-Fibrous	Asbestos	Comment	
			1411	95%	5%	None Detected		****
Client Sample ID:	10C						Lab Sample ID:	621601574-0030
Sample Description:	FELT UNDER HAR	DWOOD	FLOORS					
	April 100	d						
	Analy:		Color		Asbestos			
TEST	Date		OUIUI	98%	Non-Fibrous 2%	Asbestos	Comment	
TEST	10/14/20		Tan		∠70	None Detected		
PLM	10/14/20		Tan	3070				
PLM Client Sample ID:	10/14/20 11A	016		3070			Lab Sample ID:	621601574-0031
PLM Client Sample ID:	10/14/20	016		3070			Lab Sample ID:	621601574-0031
PLM Client Sample ID:	10/14/20 11A KITCHEN - GREEN	016 N 12"X12"					Lab Sample ID:	621601574-0031
PLM Client Sample ID: Sample Description:	10/14/20 11A KITCHEN - GREEN Analyz	016 N 12"X12" zed	FLOOR TILES	Non-	Asbestos			621601574-0031
TEST Client Sample ID: Sample Description: TEST PLM Grav. Reduction	10/14/20 11A KITCHEN - GREEN	016 N 12"X12" zed		Non-	Asbestos Non-Fibrous 100%	Asbestos None Detected	Lab Sample ID: Comment	621601574-0031



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EMSL Order ID: Customer ID: Customer PO:

621601574 ESH50

Project ID:

Summary Test Report for Ashestos An

	Summary Test Ro	eport for Asb	estos A	nalysis of Bu	Ik Material via E	EPA 600/R-93/	116
Client Sample ID:	11B					Lab Sample ID:	621601574-0032
Sample Description:	KITCHEN - GREEN 12"X	12" FLOOR TILES					
	Analyzed		No	n-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/14/2016	Black/Green	0.09	6 100%	None Detected		
Client Sample ID:	11C					Lab Sample ID:	621601574-0033
Sample Description:	KITCHEN - GREEN 12"X1	12" FLOOR TILES				Zaz Gampio iz.	021001014-0000
	Analyzed		Noi	n-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/14/2016	Black/Green	0.09	6 100%	None Detected		
Client Sample ID:	12A					Lab Sample ID:	621601574-0034
Sample Description:	KITCHEN - MARBLE 12"X	12" FLOOR TILES				Lab Gample ID.	021001574-0034
	127	TE TEOOK HEED					
	Analyzed		Nor	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/14/2016	Gray/Black	0.0%	100%	None Detected		
Client Sample ID:	12B					Lab Sample ID.	C24C04F74 002F
Sample Description:	KITCHEN - MARBLE 12"X	12" EL OOR TIL ES				Lab Sample ID:	621601574-0035
	THE THE WORLDEL TEX	12 I LOOK TILES					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/14/2016	Gray/Black	0.0%	100%	None Detected	Johnnene	
Client Sample ID:	12C					Lab Cample ID	004004574.0000
Sample Description:	KITCHEN - MARBLE 12"X	12" ELOOR TILES				Lab Sample ID:	621601574-0036
**************************************	MITOTILIN - WIARBLE 12 X	12 FLOOR TILES					
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/14/2016	Gray/Black	0.0%		None Detected	Comment	
Client Sample ID:	13A					1-1-0 1 15	
Sample Description:	KITCHEN - RED LINOLEU	MUNDED 40 - 40				Lab Sample ID:	621601574-0037
,	KITCHEN - KED LINOLEU	WI UNDER 12 + 13					
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	C	
LM Grav. Reduction	10/14/2016	Red/Green	0.0%	100%	None Detected	Comment	
Client Sample ID:	13B				Dollottod		
Sample Description:		MINDED :-				Lab Sample ID:	621601574-0038
p.c 2 coonpaoli.	KITCHEN - RED LINOLEUI	VI UNDER 12 + 13					
	Analyzed		A1-	Anhantan			
TEST	Date	Color		Asbestos Non-Fibrous	Anhantin		
LM Grav. Reduction	10/14/2016	Red/Green	0.0%	100%	Asbestos None Detected	Comment	-
lient Sample ID:			0.070	10070	None Defected		
	13C					Lab Sample ID:	621601574-0039
ample Description:	KITCHEN - RED LINOLEUM	M UNDER 12 + 13					
	A						
TEST	Analyzed	Cale:		Asbestos			
LM Grav. Reduction	10/14/2016	Color		Non-Fibrous	Asbestos	Comment	
	10/14/2010	Red/Green	0.0%	100%	None Detected		710000000000000000000000000000000000000



161 John Roberts Road South Portland, ME 04106 Phone/Fax: (207) 517-6921 / (207) 517-6922 http://www.EMSL.com / portlandlab@emsl.com EMSL Order ID: Customer ID: 621601574 ESH50

Customer ID: Customer PO: Project ID:

Client Sample ID:	14A		AND DESCRIPTION OF THE PARTY OF			Lob Comple ID:	C04C04E74 0040
Sample Description:						Lab Sample ID:	621601574-0040
	DOINT COMPOUND						
	Analyzed		No	n-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/14/2016	White	09		None Detected	- Commone	
Client Sample ID:	14B					Lab Sample ID:	621601574-0041
Sample Description:	JOINT COMPOUND					Lab Sample ID.	021001574-0041
	CONTROOM COND						
	Analyzed		Nor	n-Asbestos			
TEST	Date	Color	Fibrous		Asbestos	Comment	
PLM	10/14/2016	White	0%	6 100%	None Detected		
Client Sample ID:	14C				AND THE PROPERTY OF THE PROPER	Lab Sample ID:	621601574-0042
Sample Description:	JOINT COMPOUND					zas campicis,	021001074-0042
	Analyzed		Nor	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/14/2016	White	0%	100%	None Detected		
Client Sample ID:	15A					Lab Sample ID:	621601574-0043
Sample Description:	DRYWALL						
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/14/2016	Gray	8%	92%	Mana Datastad		
		0.0,	070	9270	None Detected		
Client Sample ID:	15B	0.0,	0,0	3270	None Detected	Lab Sample ID:	621601574-0044
		0.2,		3276	None Detected	Lab Sample ID:	621601574-0044
	15B		o n	3276	None Detected	Lab Sample ID:	621601574-0044
Sample Description:	15B DRYWALL Analyzed			-Asbestos	None Detected	Lab Sample ID:	621601574-0044
Sample Description: TEST	15B DRYWALL Analyzed Date	Color	Non Fibrous	-Asbestos Non-Fibrous	Asbestos	Lab Sample ID:	621601574-0044
Client Sample ID: Sample Description: TEST	15B DRYWALL Analyzed		Non	-Asbestos Non-Fibrous			621601574-0044
TEST	15B DRYWALL Analyzed Date	Color	Non Fibrous	-Asbestos Non-Fibrous	Asbestos		621601574-0044 621601574-0045
TEST PLM Client Sample ID:	DRYWALL Analyzed Date 10/14/2016	Color	Non Fibrous	-Asbestos Non-Fibrous	Asbestos	Comment	
TEST PLM Client Sample ID:	Date 15C DRYWALL	Color	Non Fibrous	-Asbestos Non-Fibrous	Asbestos	Comment	
TEST PLM Client Sample ID: Sample Description:	15B DRYWALL Analyzed Date 10/14/2016 15C DRYWALL Analyzed	Color Gray	Non-	-Asbestos Non-Fibrous 92% -Asbestos	Asbestos	Comment	
TEST Client Sample ID: Sample Description:	15B DRYWALL Analyzed Date 10/14/2016 15C DRYWALL Analyzed Date	Color Gray Color	Non Fibrous 8% Non- Fibrous	-Asbestos Non-Fibrous 92% -Asbestos Non-Fibrous	Asbestos None Detected Asbestos	Comment	
TEST Client Sample ID: Sample Description: TEST TEST	15B DRYWALL Analyzed Date 10/14/2016 15C DRYWALL Analyzed Date 10/14/2016	Color Gray	Non-	-Asbestos Non-Fibrous 92% -Asbestos	Asbestos None Detected	Comment Lab Sample ID:	
TEST PLM Client Sample ID: TEST TEST PLM Client Sample Description:	15B DRYWALL Analyzed Date 10/14/2016 15C DRYWALL Analyzed Date 10/14/2016 16A-Skim Coat	Color Gray Color	Non Fibrous 8% Non- Fibrous	-Asbestos Non-Fibrous 92% -Asbestos Non-Fibrous	Asbestos None Detected Asbestos	Comment Lab Sample ID:	
TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID:	15B DRYWALL Analyzed Date 10/14/2016 15C DRYWALL Analyzed Date 10/14/2016	Color Gray Color	Non Fibrous 8% Non- Fibrous	-Asbestos Non-Fibrous 92% -Asbestos Non-Fibrous	Asbestos None Detected Asbestos	Comment Lab Sample ID: Comment	621601574-0045
TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID:	15B DRYWALL Analyzed Date 10/14/2016 15C DRYWALL Analyzed Date 10/14/2016 16A-Skim Coat PLASTER	Color Gray Color	Non- Fibrous 8% Non- Fibrous 8%	-Asbestos Non-Fibrous 92% -Asbestos Non-Fibrous 92%	Asbestos None Detected Asbestos	Comment Lab Sample ID: Comment	621601574-0045
TEST Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description:	Analyzed Date 10/14/2016 15C DRYWALL Analyzed Date 10/14/2016 16A-Skim Coat PLASTER Analyzed Analyzed	Color Gray Color Gray	Non-Fibrous 8% Non-Fibrous 8%	-Asbestos Non-Fibrous 92% -Asbestos Non-Fibrous 92%	Asbestos Asbestos None Detected	Comment Lab Sample ID: Comment Lab Sample ID:	621601574-0045
TEST Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST Client Sample ID: Sample Description:	15B DRYWALL Analyzed Date 10/14/2016 15C DRYWALL Analyzed Date 10/14/2016 16A-Skim Coat PLASTER Analyzed Date	Color Gray Color Gray Color	Non-Fibrous Non-Fibrous	-Asbestos Non-Fibrous 92% -Asbestos Non-Fibrous 92% -Asbestos Non-Fibrous	Asbestos None Detected Asbestos None Detected	Comment Lab Sample ID: Comment	621601574-0045
TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description:	15B DRYWALL Analyzed Date 10/14/2016 15C DRYWALL Analyzed Date 10/14/2016 16A-Skim Coat PLASTER Analyzed Date 10/14/2016	Color Gray Color Gray	Non-Fibrous 8% Non-Fibrous 8%	-Asbestos Non-Fibrous 92% -Asbestos Non-Fibrous 92%	Asbestos Asbestos None Detected	Comment Lab Sample ID: Comment Lab Sample ID: Comment	621601574-0045 621601574-0046
TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST TEST LIENT Client Sample ID: TEST Client Sample Description:	DRYWALL Analyzed Date 10/14/2016 15C DRYWALL Analyzed Date 10/14/2016 16A-Skim Coat PLASTER Analyzed Date 10/14/2016 16A-Base Coat	Color Gray Color Gray Color	Non-Fibrous Non-Fibrous	-Asbestos Non-Fibrous 92% -Asbestos Non-Fibrous 92% -Asbestos Non-Fibrous	Asbestos None Detected Asbestos None Detected	Comment Lab Sample ID: Comment Lab Sample ID:	621601574-0045
TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description:	15B DRYWALL Analyzed Date 10/14/2016 15C DRYWALL Analyzed Date 10/14/2016 16A-Skim Coat PLASTER Analyzed Date 10/14/2016	Color Gray Color Gray Color	Non-Fibrous Non-Fibrous	-Asbestos Non-Fibrous 92% -Asbestos Non-Fibrous 92% -Asbestos Non-Fibrous	Asbestos None Detected Asbestos None Detected	Comment Lab Sample ID: Comment Lab Sample ID: Comment	621601574-0045 621601574-0046
TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description:	Analyzed Date 10/14/2016 15C DRYWALL Analyzed Date 10/14/2016 16A-Skim Coat PLASTER Analyzed Date 10/14/2016 16A-Base Coat PLASTER	Color Gray Color Gray Color	Non-Fibrous Non-Fibrous Non-Fibrous Non-Fibrous	-Asbestos Non-Fibrous 92% -Asbestos Non-Fibrous 92% -Asbestos Non-Fibrous 100%	Asbestos None Detected Asbestos None Detected	Comment Lab Sample ID: Comment Lab Sample ID: Comment	621601574-0045 621601574-0046
TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description:	DRYWALL Analyzed Date 10/14/2016 15C DRYWALL Analyzed Date 10/14/2016 16A-Skim Coat PLASTER Analyzed Date 10/14/2016 16A-Base Coat	Color Gray Color Gray Color	Non-Fibrous Non-Fibrous Non-Fibrous Non-Fibrous	-Asbestos Non-Fibrous 92% -Asbestos Non-Fibrous 92% -Asbestos Non-Fibrous	Asbestos None Detected Asbestos None Detected	Comment Lab Sample ID: Comment Lab Sample ID: Comment	621601574-0045 621601574-0046



161 John Roberts Road South Portland, ME 04106 Phone/Fax: (207) 517-6921 / (207) 517-6922 http://www.EMSL.com / portlandlab@emsl.com EMSL Order ID: Customer ID:

Project ID:

621601574 ESH50

Customer ID: Customer PO:

Client Sample ID:	16B-Skim Coat					Lab Sample ID:	621601574-0047
Sample Description:	PLASTER						
TEST	Analyzed			sbestos			
PLM	10/14/2016	Color		Non-Fibrous	Asbestos	Comment	
		White	0%	100%	None Detected		
Client Sample ID:	16B-Base Coat					Lab Sample ID:	621601574-0047A
Sample Description:	PLASTER						
	Amakanad						
TEST	Analyzed Date	Color		sbestos Ion-Fibrous	Ashasta		
PLM	10/14/2016	Gray	3%	97%	Asbestos None Detected	Comment	
Client Semple ID:		Olay	370	37 70	None Detected		
Client Sample ID: Sample Description:	16C-Skim Coat					Lab Sample ID:	621601574-0048
Sample Description;	PLASTER						
	Analyzed		Man A	choetes			
TEST	Date	Color		sbestos Ion-Fibrous	Asbestos	Comment	
PLM	10/14/2016	White	0%	100%	None Detected	Comment	
Client Sample ID:	16C-Base Coat				Dottotod	I ah Samula ID	C24C04E74 0046
Sample Description:	PLASTER					Lab Sample ID:	621601574-0048A
,	LAGIEN						
	Analyzed		Non-A	sbestos			
TEST	Date	Color		lon-Fibrous	Asbestos	Comment	
PLM	10/14/2016	Gray	3%	97%	None Detected		
Client Sample ID:	17A					Lab Sample ID:	621601574-0049
Sample Description:	OLD WINDOW SASH GLA	ZING				Lab Sample ID.	021001374-0049
		0					
				haataa			
	Analyzed		Non-A	spesios			
TEST	Analyzed Date	Color	Non-A: Fibrous N		Asbestos	Comment	
		Color White/Blue			Asbestos None Detected	Comment	
PLM Grav. Reduction	Date		Fibrous N	on-Fibrous		Comment Lab Sample ID:	621601574-0050
PLM Grav. Reduction Client Sample ID:	Date 10/14/2016	White/Blue	Fibrous N	on-Fibrous			621601574-0050
PLM Grav. Reduction Client Sample ID:	Date 10/14/2016 17B	White/Blue	Fibrous N	on-Fibrous			621601574-0050
PLM Grav. Reduction Client Sample ID: Sample Description:	Date 10/14/2016 17B	White/Blue	Fibrous N	on-Fibrous			621601574-0050
PLM Grav. Reduction Client Sample ID: Sample Description: TEST	Date 10/14/2016 17B OLD WINDOW SASH GLA Analyzed Date	White/Blue ZING Color	Non-As	on-Fibrous 100% sbestos on-Fibrous			621601574-0050
PLM Grav. Reduction Client Sample ID: Sample Description: TEST	Date 10/14/2016 17B OLD WINDOW SASH GLA Analyzed	White/Blue	Fibrous N	non-Fibrous 100%	None Detected	Lab Sample ID:	621601574-0050
PLM Grav. Reduction Client Sample ID: Sample Description: TEST PLM Grav. Reduction Client Sample ID:	Date 10/14/2016 17B OLD WINDOW SASH GLA Analyzed Date	White/Blue ZING Color	Non-As	on-Fibrous 100% sbestos on-Fibrous	None Detected Asbestos	Lab Sample ID:	621601574-0050 621601574-0051
PLM Grav. Reduction Client Sample ID: Sample Description: TEST PLM Grav. Reduction Client Sample ID:	Date 10/14/2016 17B OLD WINDOW SASH GLA Analyzed Date 10/14/2016	White/Blue ZING Color White/Blue	Non-As	on-Fibrous 100% sbestos on-Fibrous	None Detected Asbestos	Lab Sample ID:	
PLM Grav. Reduction Client Sample ID: Sample Description:	Date 10/14/2016 17B OLD WINDOW SASH GLA Analyzed Date 10/14/2016 17C OLD WINDOW SASH GLA	White/Blue ZING Color White/Blue	Non-As	on-Fibrous 100% sbestos on-Fibrous	None Detected Asbestos	Lab Sample ID:	
PLM Grav. Reduction Client Sample ID: Sample Description: TEST PLM Grav. Reduction Client Sample ID: Sample Description:	Date 10/14/2016 17B OLD WINDOW SASH GLA Analyzed Date 10/14/2016 17C OLD WINDOW SASH GLA Analyzed	White/Blue ZING Color White/Blue	Non-As Non-As Non-As	sbestos 0n-Fibrous 100%	Asbestos None Detected	Lab Sample ID: Comment Lab Sample ID:	
PLM Grav. Reduction Client Sample ID: Sample Description: TEST PLM Grav. Reduction Client Sample ID: Sample Description: TEST	Date 10/14/2016 17B OLD WINDOW SASH GLA Analyzed Date 10/14/2016 17C OLD WINDOW SASH GLA Analyzed Date	White/Blue ZING Color White/Blue ZING Color	Non-As Fibrous N 0.0%	sbestos 100% sbestos 100% 100%	Asbestos None Detected Asbestos	Lab Sample ID:	
PLM Grav. Reduction Client Sample ID: Sample Description: TEST PLM Grav. Reduction Client Sample ID: Sample Description: TEST PLM Grav. Reduction	Date 10/14/2016 17B OLD WINDOW SASH GLA Analyzed Date 10/14/2016 17C OLD WINDOW SASH GLA Analyzed Date 10/14/2016	White/Blue ZING Color White/Blue	Non-As Non-As Non-As	sbestos 0n-Fibrous 100%	Asbestos None Detected	Lab Sample ID: Comment Lab Sample ID:	
PLM Grav. Reduction Client Sample ID: Sample Description: TEST PLM Grav. Reduction Client Sample ID: Sample Description: TEST PLM Grav. Reduction Client Sample ID: Client Sample ID: Client Sample ID:	Date 10/14/2016 17B OLD WINDOW SASH GLA Analyzed Date 10/14/2016 17C OLD WINDOW SASH GLA Analyzed Date 10/14/2016 18A	White/Blue ZING Color White/Blue ZING Color White/Blue	Non-As Fibrous N 0.0%	sbestos 100% sbestos 100% 100%	Asbestos None Detected Asbestos	Lab Sample ID: Comment Lab Sample ID:	
Client Sample ID: Sample Description: TEST PLM Grav. Reduction Client Sample ID: Sample Description: TEST PLM Grav. Reduction Client Sample ID: Client Sample ID: Client Sample ID: Client Sample ID:	Date 10/14/2016 17B OLD WINDOW SASH GLA Analyzed Date 10/14/2016 17C OLD WINDOW SASH GLA Analyzed Date 10/14/2016	White/Blue ZING Color White/Blue ZING Color White/Blue	Non-As Fibrous N 0.0%	sbestos 100% sbestos 100% 100%	Asbestos None Detected Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	621601574-0051
PLM Grav. Reduction Client Sample ID: Sample Description: TEST PLM Grav. Reduction Client Sample ID: Sample Description: TEST PLM Grav. Reduction Client Sample ID: Client Sample ID: Client Sample ID:	Date 10/14/2016 17B OLD WINDOW SASH GLA Analyzed Date 10/14/2016 17C OLD WINDOW SASH GLA Analyzed Date 10/14/2016 18A BLACK FELT PAPER BEHI	White/Blue ZING Color White/Blue ZING Color White/Blue	Non-As Fibrous N 0.0%	sbestos 100% sbestos 100% sbestos 100% sbestos 100%	Asbestos None Detected Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	621601574-0051
PLM Grav. Reduction Client Sample ID: Sample Description: TEST PLM Grav. Reduction Client Sample ID: Sample Description:	Date 10/14/2016 17B OLD WINDOW SASH GLA Analyzed Date 10/14/2016 17C OLD WINDOW SASH GLA Analyzed Date 10/14/2016 18A	White/Blue ZING Color White/Blue ZING Color White/Blue	Non-As Fibrous N 0.0%	sbestos on-Fibrous 100% sbestos on-Fibrous 100% sbestos on-Fibrous 100%	Asbestos None Detected Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	621601574-0051



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EMSL Order ID: Customer ID: Customer PO:

621601574 ESH50

Project ID:

	Summary Test Repo	ort for As	bestos Ana	alysis of Bu	Ik Material via E	PA 600/R-93/	116
Client Sample ID:	18B					Lab Sample ID:	621601574-0053
Sample Description:	BLACK FELT PAPER BEHIND	SIDING					
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/14/2016	Black	0.0%	100%	None Detected	Comment	
Client Sample ID:	18C				Hone Beledica		
Sample Description:		OIDINO				Lab Sample ID:	621601574-0054
,	BLACK FELT PAPER BEHIND	SIDING					
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/14/2016	Black	0.0%	100%	None Detected	Comment	
Client Sample ID:	19A		ATTACA CONTRACTOR OF THE CONTR			Lab Sample ID.	C24C04F74 00FF
Sample Description:	ROLLED ROOFING ON SHED					Lab Sample ID:	621601574-0055
	TOTALE TOOT ING ON OTHER						
	Analyzed		Non-A	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
LM Grav. Reduction	10/14/2016	Black	0.0%	100%	None Detected		
Client Sample ID:	19B					Lab Sample ID:	621601574-0056
ample Description:	ROLLED ROOFING ON SHED					Las Gampie is.	021001374-0030
	The state of the s						
	Analyzed		Non-A	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
LM Grav. Reduction	10/14/2016	Black	0.0%	100%	None Detected		
lient Sample ID:	19C					Lab Sample ID:	621601574-0057
ample Description:	ROLLED ROOFING ON SHED						02.00.014.000.
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous I	Non-Fibrous	Asbestos	Comment	
LM Grav. Reduction	10/14/2016	Black	0.0%	100%	None Detected		**************************************
lient Sample ID:	20A					Lab Sample ID:	621601574-0058
ample Description:	FELT UNDER ROLLED ROOF!	NG					
	Analyzed		Non-A	sbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
LM Grav. Reduction	10/14/2016	Black	0.0%	100%	None Detected		
lient Sample ID:	20B					Lab Sample ID:	621601574-0059
ample Description:	FELT UNDER ROLLED ROOF!	NG					
TEOT	Analyzed	200		sbestos			
TEST M Grav. Reduction	Date	Color		lon-Fibrous	Asbestos	Comment	
	10/14/2016	Black	0.0%	100%	None Detected		
	20C					Lab Sample ID:	621601574-0060
ample Description:	FELT UNDER ROLLED ROOFII	NG					
TEGT	Analyzed	02000		sbestos			
TEST	Date	Color		lon-Fibrous	Asbestos	Comment	
LM Grav. Reduction	10/14/2016	Black	0.0%	100%	None Detected		



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EMSL Order ID: Customer ID: Customer PO:

621601574 ESH50

Project ID:

Client Sample ID:	21A	0111017101	DCOLOG AII	alysis of Du	IN Waterial Via L		
Sample Description:						Lab Sample ID:	621601574-0061
oumple Description,	ASPHALT ROOF SHINGLES						
	Amahasad			la sa Ta			
TEST	Analyzed Date	Color		-Asbestos			
PLM Grav. Reduction	10/14/2016	Color Red/Black	0.0%	Non-Fibrous 100%	Asbestos	Comment	
0//		T CO BION	0.070	10078	None Detected		
Client Sample ID:	21B					Lab Sample ID:	621601574-0062
Sample Description:	ASPHALT ROOF SHINGLES						
TEST	Analyzed			-Asbestos			
PLM Grav. Reduction	10/14/2016	Color		Non-Fibrous	Asbestos	Comment	
		Red/Black	0.0%	100%	None Detected		
Client Sample ID:	21C					Lab Sample ID:	621601574-0063
Sample Description:	ASPHALT ROOF SHINGLES						
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/14/2016	Red/Black	0.0%	100%	None Detected		
Client Sample ID:	22A					Lab Sample ID:	621601574-0064
Sample Description:	FELT UNDER ROOF SHINGL	.ES				59450 ,	
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/14/2016	Black	0.0%	100%	None Detected		
Client Sample ID:	22B					Lab Sample ID:	621601574-0065
Sample Description:	FELT UNDER ROOF SHINGL	EC				Lab Gample ID.	021001374-0003
	TEL GIBER ROOF SHINGE	LO					
	Analyzed		Mon	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/14/2016	Black	0.0%	100%	None Detected	Comment	
Client Sample ID:	22C				Traile Bottottou		
Sample Description:						Lab Sample ID:	621601574-0066
zampie bescription:	FELT UNDER ROOF SHINGL	ES					
	Amalumad						
TEST	Analyzed Date	Color		Asbestos			
PLM Grav. Reduction	10/14/2016	Black	0.0%	Non-Fibrous	Asbestos	Comment	
		DIGUN	0.0%	100%	None Detected		
CONTRACTOR	23A					Lab Sample ID:	621601574-0067
Sample Description:	BLACK FELT UNDER HARDV	/OOD					
TEAT	Analyzed			Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	10/14/2016	Black	0.0%	100%	None Detected		
Client Sample ID:	23B					Lab Sample ID:	621601574-0068
ample Description:	BLACK FELT UNDER HARDW	OOD					
	Analyzed		Non-A	sbestos			
TEAT	Data	Color	pr. 1	M			
TEST PLM Grav. Reduction	Date	COIOI	Fibrous I	Non-Fibrous	Asbestos	Comment	



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EMSL Order ID: Customer ID:

621601574 ESH50

Customer PO:

Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Client Sample ID:

Sample Description:

PLM Grav. Reduction

BLACK FELT UNDER HARDWOOD

10/14/2016

Lab Sample ID:

621601574-0069

Analyzed

Non-Asbestos

0.0%

TEST Date

Color Fibrous Non-Fibrous Black

Asbestos Comment

None Detected

PLM: Maine Certification # BA-0142, BA-0174 PLM EPA NOB: Maine Certification # BA-0142, BA-0174

Analyst(s):

Christina Walker PLM (18)

PLM Grav. Reduction (26)

Zackary Carbee PLM (8)

PLM Grav. Reduction (16)

Reviewed and approved by:

Christina Walker, Laboratory Manager or Other Approved Signatory

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

Samples analyzed by EMSL Analytical, Inc. South Portland, ME

Initial report from: 10/14/201609:32:12



Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

621601574

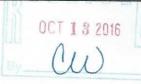
PHONE: FAX:

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

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
IA-C	SUSPECT MUDDED FITTING PEDRES	BASEMENT	- 10-11-16
2A-C	SUSPECT PIDE CLUER PROBLES	11	
3A.C	CREAM LINDLEUM TOP LAYER	121123481	
4AL	TAN GREEREN TOP LAYER	2NI FER BARY	
SAL	BLACK FRIT PAPER ZNO LAYER	11	
AC	Brown LINGERM 3120 imper	4	
DAE	Jant compans		
BAL	DRYMPIC		
9A-C	PIMTER		
OA-C	FELT UNDAR HARDWOOD FLOORS		
1A-C	GREEN 124 X124 FOUR THES	KITCHEN	
ZA-C	MALALE 12" X12" FLOOR THES	17	
3	RED LINEXERM MADER 12 \$ 13	11	
4	JOINT COMPLEND		
15	pryusic		
16	PLASTER		
7	OLD WINDOW SASIL CLAZIBL		
8	BLACK FELT PAPER BENIND SIDIAL		
9	Pulled Propriet and SPERA		
9	FRUT UNISED POLLED PROFING		
4	ASPINALT PROF SLLINKLES		
2	FRUT LADER POOF SHIPLES		
	BLAG FEOT UNDER HARDKOOD		
		2	
*Comments/Speci	al instructions:		
		面度原居有	WED

Page ____ of ___ pages

Controlled Document - Asbestos COC - R9 - 10/30/2014





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

621601574

PHONE: FAX:

F. F	SH Associates In		T							
Company Name : ESH Associates, Inc.			EMSL Customer ID:							
Street: 17 Patrick Drive		LICA	City: Westbrook	State/Prov	vince: Maine					
	Zip/Postal Code: 04092 Country: USA		Telephone #: 207.756.							
Report To (Name): N	Mark Coleman		Please Provide Results: ☐ Fax							
Email Address: mar			Purchase Order:							
U.S. State Samples 1	er: 20 MERRILL	STEER	EMSL Project ID (Internal Use Only): CT Samples: ☐ Commercial/Taxable ☐ Residential/Tax Exempt							
U.S. State Samples		Same Different	- If Bill to is Different note instru	ctions in Comments**	sidential/Tax Exempt					
Third Party Billing requires written authorization from third party										
□3 Hour □ 6	Hour 24 Hour		T) Options* – Please Ch	eck 96 Hour 1 Wee	k					
*For TEM Air 3 hr through	6 hr, please call ahead to so	hedule.*There is a prei	mium charge for 3 Hour TEM A	HERA or EPA Level II TAT.	You will be asked to sign					
	form for this service. Analysis if samples are from NY	- promote -	nce with EMSL's Terms and Co		ytical Price Guide.					
NIOSH 7400	ii sampies are ironi NT		TEM - Air 44.5hr TAT (AHERA only) AHERA 40 CFR, Part 763		TEM- Dust Microvac - ASTM D 5755					
W OSHA 8hr. TW	A	NIOSH 7402		Wipe - ASTM D6480						
PLM - Bulk (reporting	g limit)	EPA Level II		Carpet Sonication (EPA 600/J-93/167)						
PLM EPA 600/R-9		☐ ISO 10312		Soil/Rock/Vermiculite*						
PLM EPA NOB (<	1%)	TEM - Bulk		PLM CARB 435 - A (0.25% sensitivity)						
Point Count		TEM EPA NO		PLM CARB 435 - B (0.1% sensitivity)						
400 (<0.25%) 1		NYS NOB 198.4 (non-friable-NY)		TEM CARB 435 - B (0.1% sensitivity)						
Point Count w/Gravim		Chatfield SOP TEM Mass Analysis-EPA 600 sec. 2.5		TEM CARB 435 - C (0.01% sensitivity)						
NYS 198.1 (friable	The second secon	TEM - Water: EPA 100.2		TEM Qual. via Drop-Mount Technique						
—		Fibers >10µm Waste Drinking		*Can not accept New York State Loose Fill Vermiculite Samples Other:						
T ANYO 400 O COT V										
☐ NIOSH 9002 (<1%	6)	All Fiber Sizes L	WasteDrinking							
Check For Positiv	e Stop – Clearly Identif	y Homogenous G	roup Filter Pore Size	(Air Samples): 0.8	Вµт 🔲 0.45µт					
Samplers Name: M	ark Coleman		Samplers Signature	Multo						
				Volume/Area (Air)	Date/Time					
Sample #		Sample Descripti	on	HA # (Bulk)	Sampled					
1A-C	ASBESTOS MUDO	ED DEBRIS I	N BASEVENT	#30	10.11.16					
ZAC	PIPE WESE DEL	3K45 IN 130	SEMENT-		<i>F</i>					
3A. a CREAM GARGERIM / RITCHEN										
48-4	The state of the s			fram.	THE REPORT OF					
719.4	DUACE FRA (NOONE CHES	UND- IZITCHAN							
SA/C	000 RED LINES	THE LNORE	ETTCHEN LAYERS		1 3 2016					
6A-C				EII 041 19 2010 [D]						
3n-c				(11)						
Client Sample # (s).	11 1	-		Total # of Samples:						
Relinquished (Client	: Method	Date:	10.12.16	Time	: 0600					
Received (Lab):	Water	Date:	10 0000	2 Time	: 8: 30 AM					
Comments/Special Instructions:										
Brown and the second se		The state of the s								

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