Indoor Air Quality

OSHA Compliance

Asbestos Consulting • Training

Lead Consulting

o Industrial Hygiene

July 29, 2014

Mr. Jarod Robie Robie Builders, LLC PO Box 1508 Windham, Maine 04062

Re: Asbestos Demolition Impact Assessment, 133 York Street, Portland, Maine.

Dear Mr. Robie

Environmental Safety & Hygiene Associates, Inc. was retained by Robie Builders, LLC to conduct a MDEP and USEPA compliant asbestos demolition impact assessment of an abandon structure located at 133 York Street, Portland, Maine. The assessment was conducted on July 25th, 2014 by Mr. Mark Griffeth and Mr. Mark Coleman, both State of Maine certified Asbestos Inspectors.

The objective of the assessment was to assess and document the presence of Presumed Asbestos Containing Materials (PACM) within the boundaries of site that may be impacted by building 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).

Asbestos Assessment Summary

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:

Mr. Jarod Robie Robie Builders, LLC Page Two

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 5,000-square feet, and seven bulk samples were collected for areas greater than 5,000-square feet

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

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.

All bulk samples collected were submitted to EMSL Analytical Laboratory, Cinnaminson, New Jersey, an independent State-licensed and NVLAP Accredited Asbestos Analytical Laboratory. Bulk samples were analyzed using polarized light microscopy (PLM) until a positive result is obtained or all samples were been analyzed for a negative result. Bulk samples of surfacing materials or thermal system insulation with an asbestos content of less than 10% as determined by PLM were re-analyzed by EPA's Point Count Method.

ESHA collected nine sample groups of suspect homogenous building materials from the structure at the site that will be impacted by the demolition of the stucture. The bulk sample analysis indicates that the structure **does not** have any accessible regulated asbestos containing building materials. See attached bulk sampling summary for more detailed information.

Should any additional suspect building materials not listed in this assessment report be found during any renovation or demolition work, the work should immediately stop until additional sampling can be conducted.

We appreciate the opportunity to service your asbestos testing needs, should you require further bulk sampling please feel free to contact us at any time.

Very truly

Mark Coleman CIE, CMR

President



Robie Builders PO Box 1508 Windham, ME 04062 Project # 14-140

Asbestos Bulk Sample Summary

Sample ID	Sample Location	Sample Description - Color	Results
B-1A	Throughout	Plaster Systems - Gray/Tan	None Detected
B-1B	n	" and the stage of	None Detected
B-1C	и	п	None Detected
B-1D	и	и	None Detected
B-1E	и		None Detected
B-2A	Throughout	Joint Compound - White	None Detected
B-2B	и	а	None Detected
B-2C	и	и	None Detected
B-2D	п	a	None Detected
B-2E	ü	•	None Detected
B-3A	Throughout	Drywall - Brown/Gray	None Detected
B-3B	,	и	None Detected
B-3C		n n	None Detected
B-3D			None Detected
B-3E	a	•	None Detected
B-4A	Throughout	Linoleum - White Tile Pattern	None Detected
B-4B	u .	a.	None Detected
B-4C	n.		None Detected
B-5A	Main Bldg. Exterior	Roofing Felt - Black	None Detected
B-5B	п		None Detected
B-5C	п	•	None Detected
B-5D	н		None Detected
B-5E	п	и	None Detected
B-6A	Main Bldg. Exterior	Roofing Shingles - Gray/Black	None Detected
B-6B	и	и	None Detected
B-6C	н		None Detected
B-6D	н	и	None Detected
B-6E	n	п	None Detected
B-7A	Main Bldg. Exterior	Siding Felt - Gray/Black	None Detected
B-7B	u	и	None Detected
B-7C	n	и	None Detected
B-7D	n	u	None Detected
B-7E	at .	и	None Detected
B-8A	Shed Exterior	Roofing Felt - Black	None Detected
B-8B	in .	и	None Detected
B-8C	a de la companya de l	u	None Detected
B-9A	Shed Exterior	Roofing Shingles - Gray/Black	None Detected
B-9B	ir .	ď	None Detected
B-9C	п	a de la companya del companya de la companya de la companya del companya de la co	None Detected



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:

621400852

ESH50

Customer PO: Project ID:

Mark Coleman

Environmental Safety & Hygiene Assoc

17 Patrick Drive

Westbrook, ME 04092 Phone:

(207) 854-2711 (ema) il -only

Fax: Collected:

Received:

7/25/2014

Analyzed:

7/30/2014

Proj: 133 York Street

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

Client Sample ID:

1A

Lab Sample ID:

621400852-0001

Sample Description:

Plaster Systems

Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM 7/28/2014 Gray/Tan 8% 92% None Detected

Client Sample ID: Sample Description:

1B

Plaster Systems

Lab Sample ID: 621400852-0002

Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous **Asbestos** Comment PLM 7/28/2014 Gray/Tan 6% 94% None Detected

Client Sample ID: Sample Description:

Plaster Systems

Lab Sample ID: 621400852-0003

Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Comment Asbestos PLM 7/28/2014 Gray/Tan 6% 94% None Detected Client Sample ID: 1D

Sample Description:

Plaster Systems

Lab Sample ID: 621400852-0004

Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM 7/28/2014 Gray/Tan 6% 94% None Detected Client Sample ID: 1E

Sample Description:

Plaster Systems

Lab Sample ID: 621400852-0005

Analyzed Non-Asbestos TEST Date Fibrous Color Non-Fibrous Asbestos Comment PLM 7/28/2014 Gray/Tan 5% 95% None Detected Client Sample ID: Lab Sample ID: 621400852-0006

Sample Description: Joint Compound

Analyzed Non-Asbestos TEST Date Color **Fibrous** Non-Fibrous Asbestos Comment PLM 7/28/2014 White 0% 100% None Detected

Client Sample ID: Sample Description:

2B

Joint Compound

Lab Sample ID: 621400852-0007

Analyzed Non-Asbestos TEST Date Color **Fibrous** Non-Fibrous Ashestos Comment PLM 7/28/2014 White 0% 100% None Detected



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EMSL Order ID: Customer ID:

621400852 ESH50

Customer PO:

Project ID:

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

- Control of the Cont			P	olarized L	ight Micros	сору		
Client Sample ID:	2C					THE CONTRACT OF THE CONTRACT OF A STATE AND A STATE OF THE CONTRACT OF THE CON	Lab Sample ID:	621400852-0008
Sample Description	: Joint Co	ompound						
THOM		Analyzed			-Asbestos			
PLM		Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	W.
FLIVI		7/28/2014	White	0%	100%	None Detected		
Client Sample ID:	2D						Lab Sample ID:	621400852-0009
Sample Description:	Joint Co	ompound						
TEST		Analyzed	0.1.		-Asbestos			
PLM	hataman and a second	7/28/2014	Color White	Fibrous	Non-Fibrous	Asbestos	Comment	
		112012014	vviite	0%	100%	None Detected		
Client Sample ID:	2E						Lab Sample ID:	621400852-0010
Sample Description:	Joint Co	mpound						
TEST		Analyzed Date	Color		Asbestos	A-1-	0	
PLM	-	7/28/2014	White	0%	Non-Fibrous 100%	Asbestos	Comment	
	0.4	772072014	vviite	0.78	100%	None Detected		
Client Sample ID:	3A						Lab Sample ID:	621400852-0011
Sample Description:	Drywall							
		Analyzed						
TEST		Date	Color		Asbestos Non-Fibrous	A-h4	0	
PLM	NAMES AND POST OFFICE OFFICE OFFICE OFFI	7/28/2014	Brown/Gray	10%	90%	Asbestos None Detected	Comment	
Criant Samala II.	20		ora,	1070	3070	Note Detected		
Ciient Sample ID: Sample Description:	3B						Lab Sample ID:	621400852-0012
Sample Description:	Drywall							
		Analyzed		Mon	Asbestos			
TEST		Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	ANTENNE CHICAGO POR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CO	7/28/2014	Brown/Gray	10%	90%	None Detected	Odminent	Control to be a second and the second
Client Sample ID:	3C						Lob Completo.	004400000.0040
Sample Description:	Drywail						Lab Sample ID:	621400852-0013
	Drywaii							
		Analyzed		Non-	Asbestos			
TEST		Date	Color		Non-Fibrous	Asbestos	Comment	
PLM		7/28/2014	Brown/Gray	10%	90%	None Detected		
Client Sample ID:	3D	and the same of th					Lab Sample ID:	621400852-0014
Sample Description:	Drywali						Lab Sample ID.	021400052-0014
	D., Haii							
		Analyzed		Non-A	Asbestos			
TEST		Date	Color		Non-Fibrous	Asbestos	Comment	
PLM		7/28/2014	Brown/Gray	10%	90%	None Detected		
Client Sample ID:	3E						Lab Sample ID:	621400852-0015
Sample Description:	Drywall							
	,							
		Analyzed		Non-A	Asbestos			
TEST		Date	Color		Non-Fibrous	Asbestos	Comment	
PLM		7/28/2014	Gray	10%	90%	None Detected		
		the state of the s	to the second of	HITCHICAL PROPERTY AND ADDRESS OF THE PARTY				



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:

621400852 ESH50

Customer PO:

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method via Polarized Light Microscopy Client Sample ID: Lab Sample ID: 621400852-0016 Sample Description: White Tile Pattern Linoleum Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Ashestos Comment PLM Grav. Reduction 7/29/2014 Tan/Black 0.0% 100% None Detected Client Sample ID: Lab Sample ID: 621400852-0017 Sample Description: White Tile Pattern Linoleum Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM Grav. Reduction 7/29/2014 Tan/Black 0.0% 100% None Detected Client Sample ID: 4C Lab Sample ID: 621400852-0018 Sample Description: White Tile Pattern Linoleum Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Ashestos Comment PLM Grav. Reduction 7/30/2014 Tan/Black 0.0% 100% None Detected Client Sample ID: 5A Lab Sample ID: 621400852-0019 Sample Description: Roofing Felt Analyzed Non-Asbestos TEST Date Fibrous Color Non-Fibrous Asbestos Comment PLM Grav. Reduction 7/29/2014 Black 0.0% None Detected Client Sample ID: 5B Lab Sample ID: 621400852-0020 Sample Description: Roofing Felt Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Ashestos Comment PLM Grav. Reduction 7/29/2014 Black 0.0% 100% None Detected Client Sample ID: 5C Lab Sample ID: 621400852-0021 Sample Description: Roofing Felt Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM Grav. Reduction 7/29/2014 Black 0.0% 100% None Detected Client Sample ID: 5D Lab Sample ID: 621400852-0022 Sample Description: Roofing Felt Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM Grav. Reduction 7/30/2014 Black 0.0% 100% None Detected Client Sample ID: 5E Lab Sample ID: 621400852-0023 Sample Description: Roofing Felt Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment

7/30/2014

Black

0.0%

100%

None Detected

PLM Grav. Reduction



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: 621400852 ESH50

Customer PO:

Project ID:

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

(2004)		Р	olarized	Light Micros	сору		
Client Sample ID:	6A					Lab Sample ID:	621400852-0024
Sample Description:	Roofing Shingles						
	Analyzed		No	n-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	7/29/2014	Gray/Black	11.29	AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUM	None Detected	Comment	4 1042 (10 HAN) - 15 (17 HAN) - 17 (17 HAN)
Client Sample ID:	6B	Allegan and the design plants and property and the second				Lab Cample ID.	C24 4000F0 000F
Sample Description:						Lab Sample ID:	621400852-0025
campio buonipacii.	Roofing Shingles						
	Analyzed		Nor	n-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	7/29/2014	Gray/Black	7.9%	6 92.1%	None Detected		
Client Sample ID:	6C					Lab Sample ID:	621400852-0026
Sample Description:	Roofing Shingles						
	Analyzed		Nor	n-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	7/29/2014	Gray/Black	0.0%	100%	None Detected	CARLON STATE OF THE STATE OF TH	A S COMMUNICATION OF THE PROPERTY OF THE PROPE
Client Sample ID:	6D					Lab Sample ID:	621400852-0027
Sample Description:	Roofing Shingles						
	Analyzed		Non	-Asbestos			
TEST	Date	Color			Asbestos	Comment	
PLM Grav. Reduction	7/30/2014	Gray/Black	5.9%	93.1%	None Detected		
Client Sample ID:	6E					Lab Sample ID:	621400852-0028
Sample Description:	Roofing Shingles						
TEOT	Analyzed			-Asbestos			
TEST PLM Grav. Reduction	7/30/2014	Color	ATT PARTY AND ASSESSMENT OF THE PARTY OF THE	Non-Fibrous	Asbestos	Comment	
		Gray/Biack	7.7%	92.3%	None Detected		
	7A					Lab Sample ID:	621400852-0029
Sample Description:	Siding Felt						
	Analonad						
TEST	Analyzed Date	Color	Fibrous	-Asbestos Non-Fibrous	Asbestos	0	
PLM Grav. Reduction	7/29/2014	Gray/Black	0.0%	100%	None Detected	Comment	
and the second perfect of the second	7B	NOOTO CONTRACTOR OF THE PARTY O	2.070		Doteoted	Lab Car L ID	00440000000000
Sample Description:						Lab Sample ID:	621400852-0030
zampio zosonphon.	Siding Felt						
	Analyzed		Non-	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	7/29/2014	Gray/Black	0.0%	100%	None Detected	- Commont	THE RESIDENCE OF THE PARTY OF T
Client Sample ID:	7C					Lab Sample ID:	621400852-0024
Sample Description:	Siding Felt					can sample in:	621400852-0031
, =	Siding Felt						
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM Grav. Reduction	7/29/2014	Gray/Black	0.0%	100%	None Detected		



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EMSL Order ID: Customer ID:

Lab Sample ID:

Comment

621400852-0039

None Detected

Asbestos

None Detected

Project ID:

621400852 ESH50

Customer PO:

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

Sample Description: Shed Roofing Felt	CONTRACTOR OF THE PROPERTY OF THE PARTY OF T				9	o Py		
TEST	Client Sample ID:	7D					Lab Sample ID:	621400852-0032
TEST	Sample Description:	Siding Felt						
TEST		Analyzad						
PLM Grav. Reduction	TEST		Color					
Client Sample ID: 75			THE TAXABLE PROPERTY OF THE PARTY OF THE PAR	AND AND MANUAL STREET, SALES			Comment	OF NOVEMBER OF THE PROPERTY OF
Analyzed			Ordyrolack	0.07	0 10076	None Detected		
TEST							Lab Sample ID:	621400852-0033
TEST	Sample Description:	Siding Felt						
PLM Grav. Reduction		Analyzed		Non	-Asbestos			
Client Sample D : Shed Roofing Felt		Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
Sample Description: Shed Roofing Felt	PLM Grav. Reduction	7/30/2014	Gray/Black	0.0%	100%	None Detected		ARTHUR DESIGNATION OF THE PROPERTY OF THE PROP
Analyzed Non-Asbestos Comment	Client Sample ID:	8A					Lab Sample ID:	621400852-0034
TEST Date Color Fibrous Non-Fibrous Asbestos Comment	Sample Description;	Shed Roofing Felt						
TEST Date Color Fibrous Non-Fibrous Asbestos Comment		Analyzed		Non	-Ashastas			
PLM Grav. Reduction 7/29/2014 Black 0.0% 100% None Detected	TEST		Color			Ashastas	Comment	
Color Sample Doctoription Shed Roofing Felt	PLM Grav. Reduction	7/29/2014					Comment	
Analyzed	Client Sample ID:	8B		adenti a populati po pre de care de			Lab Sample ID.	CO44000F0 000F
Analyzed Non-Asbestos Asbestos Comment							Lab Sample ID:	621400852-0035
TEST	aumpro Boompuom	Shed Robling Felt						
PLM Grav. Reduction 7/29/2014 Black 0.0% 100% None Detected **Collent Sample ID: BC		Analyzed		Non-	-Asbestos			
Client Sample ID: 8C	TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
Sample Description: Shed Roofing Felt Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM Grav. Reduction 7/30/2014 Black 0.0% 100% None Detected Client Sample ID: 9A Lab Sample ID: 621400852-0037 Sample Description: Shed Roofing Shingles Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM Grav. Reduction 7/29/2014 Gray/Black 0.0% 100% None Detected Client Sample ID: 9B Lab Sample ID: 621400852-0038 Sample Description: Shed Roofing Shingles	PLM Grav. Reduction	7/29/2014	Black	0.0%	100%	None Detected		THE THE PERSON NAMED IN THE PERSON OF T
Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM Grav. Reduction 7/30/2014 Black 0.0% 100% None Detected Client Sample ID: 9A Sample Description: Shed Roofing Shingles Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment Client Sample ID: 9A Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM Grav. Reduction 7/29/2014 Gray/Black 0.0% 100% None Detected Client Sample ID: 9B Cample Description: Shed Roofing Shingles Analyzed Non-Asbestos Analyzed Non-Asbestos	Client Sample ID:	8C					Lab Sample ID:	621400852-0036
TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM Grav. Reduction 7/30/2014 Black 0.0% 100% None Detected Client Sample ID: 9A Sample Description: Shed Roofing Shingles Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM Grav. Reduction 7/29/2014 Gray/Black 0.0% 100% None Detected Client Sample ID: 9B Sample Description: Shed Roofing Shingles Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment Lab Sample ID: 621400852-0038 Lab Sample ID: 621400852-0038 Sample Description: Shed Roofing Shingles	Sample Description:	Shed Roofing Felt						
TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM Grav. Reduction 7/30/2014 Black 0.0% 100% None Detected Client Sample ID: 9A Sample Description: Shed Roofing Shingles Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM Grav. Reduction 7/29/2014 Gray/Black 0.0% 100% None Detected Client Sample ID: 9B Sample Description: Shed Roofing Shingles Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment Lab Sample ID: 621400852-0038 Lab Sample ID: 621400852-0038 Sample Description: Shed Roofing Shingles		Analyzed		Non-	-Asbestos			
PLM Grav. Reduction 7/30/2014 Black 0.0% 100% None Detected Client Sample ID: 9A Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM Grav. Reduction 7/29/2014 Gray/Black 0.0% 100% None Detected Client Sample ID: 9B Sample Description: Shed Roofing Shingles Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment Client Sample ID: 9B Sample Description: Shed Roofing Shingles Analyzed Non-Asbestos	TEST	Date	Color			Asbestos	Comment	
Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM Grav. Reduction 7/29/2014 Gray/Black 0.0% 100% None Detected Client Sample ID: 9B Sample Description: Shed Roofing Shingles Analyzed Non-Asbestos	PLM Grav. Reduction	7/30/2014	Black	0.0%	100%	THE RESERVE AND ADDRESS OF THE PARTY OF THE		THE PERSON NAMED AND POST OF PERSONS ASSESSED.
Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM Grav. Reduction 7/29/2014 Gray/Black 0.0% 100% None Detected Client Sample ID: 9B Sample Description: Shed Roofing Shingles Analyzed Non-Asbestos	Client Sample ID:	9A					Lab Sample ID:	621400852 0027
Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM Grav. Reduction 7/29/2014 Gray/Black 0.0% 100% None Detected Client Sample ID: 9B Sample Description: Shed Roofing Shingles Analyzed Non-Asbestos	Sample Description:	Shed Roofing Shingles					Eus dampie is.	021400032-0037
TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM Grav. Reduction 7/29/2014 Gray/Black 0.0% 100% None Detected Client Sample ID: 9B Sample Description: Shed Roofing Shingles Analyzed Non-Asbestos		and rooming ormigies						
TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM Grav. Reduction 7/29/2014 Gray/Black 0.0% 100% None Detected Client Sample ID: 9B Sample Description: Shed Roofing Shingles Analyzed Non-Asbestos		Analyzed		Non-	Asbestos			
PLM Grav. Reduction 7/29/2014 Gray/Black 0.0% 100% None Detected Client Sample ID: 9B Lab Sample ID: 621400852-0038 Sample Description: Shed Roofing Shingles Analyzed Non-Asbestos	TEST		Color			Asbestos	Comment	
Sample Description: Shed Roofing Shingles Analyzed Non-Asbestos	PLM Grav. Reduction	7/29/2014	Gray/Black	0.0%	100%	None Detected	The state of the s	CONTROL OF THE STATE OF THE STA
Sample Description: Shed Roofing Shingles Analyzed Non-Asbestos	Client Sample ID:	9B					Lab Sample ID:	621400852-0038
TECT	Sample Description:	Shed Roofing Shingles						
TECT		Analyzed		Non-	Ashestos			
	TEST		Color			Asbestos	Comment	

7/29/2014

Analyzed

Date

7/30/2014

Shed Roofing Shingles

Gray/Black

Color

Black

0.0%

0.0%

Non-Asbestos

Fibrous Non-Fibrous

100%

100%

PLM Grav. Reduction

Client Sample ID:

TEST

PLM Grav. Reduction

Sample Description:



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EMSL Order ID: Customer ID:

621400852 ESH50

Customer PO:

Project ID:

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

PLM: ME CERT.# BA-0150 (AM) BA-0142 (CW) PLM EPA NOB: ME CERT.# BA-0150 (AM) BA-0142 (CW)

Analyst(s):

Alexander Maxinoski PLM (9)

PLM Grav. Reduction (9)

Christina Walker PLM (6)

PLM Grav. Reduction (15)

Reviewed and approved by:

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

Samples analyzed by EMSL Analytical, Inc. South Portland, ME NVLAP Lab Code 500094-0 Initial report from: 07/30/201407:58:47

reliable in detecting asbestos in floor coverings and similar NOBs



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

(021400852

Westmont, NJ 3 Cooper Street Westmont, NJ 08108 PHONE: 1-800-220-3675 EAX: (856) 858 4060

			1		Parallel Marie Committee C	00) 808-4960			
Company: ESH50					Bill to: Same	Different			
Street: 17 PATRIC			If Bill to Is Different note instructions in Comments** Third Party Billing requires written authorization from third party						
City/State/Zip: WESTBROOK, ME 04092									
Report To (Name):	: MARK COLEMAN		Fax: 207.85	4.2609	The Contract of the Contract o				
Telephone: 207.756.9429 Email Address: markc@biosenv.com									
Project Name/Number: 133 YORK STREET									
Please Provide Results: Email Purchase Order: State Samples Taken: ME									
Turnaround Time (TAT) Options' Please Check									
3 Hour 6	Hour 124 Hour	T 48 Hour	197 72 Hour	177 6	B Hour I TI & Micel	2 Week			
an authorization i	hours, please call ahead to sol form for this service. Analysis	hedule. "There is a premiur completed in accombance	n charge for 3 Hou	UT TEM AH	ERA or EPA Level II TAT.	You will be asked to sign			
PCM - Air	The state of the s	TEM - Air 4-4.5	br TAT (AHERA	onivi	TEM- Dust	ocar Phoe Guide.			
☐ NIOSH 7400		AHERA 40 CFR			Microvac - ASTM	D 5755			
w OSHA 8hr. TW	A	☐ NIOSH 7402			☐ Wipe - ASTM D64				
PLM - Bulk (reporting		☐ EPA Level II			☐ Carpet Sonication				
PLM EPA 600/R-9:	3/116 (<1%)	☐ ISO 10312			Soil/Rock/Vermiculis				
PLM EPA NOB (<1	1%)	TEM - Bulk			PLM CARB 435 -				
Point Count		☐ TEM EPA NOB			PLM CARB 435 -				
□ 400 (<0.25%) □ 1		NYS NOB 198.4	(non-friable-NY	r)	☐ TEM CARB 435 - I				
Point Count w/Gravim		Chatfield SOP	•		TEM CARB 435 - C (0.01% sensitivity)				
400 (<0.25%) 1		☐ TEM Mass Analy		ec. 2.5	☐ EPA Protocol (Semi-Quantitative)				
NYS 198.1 (friable		TEM - Water: EPA 100.2			☐ EPA Protocol (Quantitative)				
☐ NYS 198.6 NOB (I		Fibers >10µm \			Other:				
☐ NIOSH 9002 (<1%		All Fiber Sizes V							
The second secon	U Check For P	ositive Stop – Cles	irly identity h	lomoge	nous Group				
Samplers Name:	MAIZK GO	EMPA	Samplers Sig	nature:		-			
Sample #		Sample Description			Volumerarea (Air) HA # (Bulk)	Date/Time Sampled			
1A-E	PLASIEN	TYSTEM	15						
20.8	JOINT G	MOUND							
30.E	DOINT G								
4A-C	WHITE THE	PATTERN	LINDLE	und					
SA·E	0	ELT	Carrier State Company of the S						
GA.E	ROOFING	THINGLES	!						
7A·E	7A.R SIDING FRIT								
8A-C	SHED POOF	INB FAC							
Client Sample # (s):		9		T	otal # of Samples:				
Relinquished (Client)	43	Date:			Time:				
Received (Lab):	Mon	Date:	12511		Time:	12:15			
Comments/Special	Instructions:								

OrderID: 621400852



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

621400852

EMSL ANALYTICAL, INC. 161 JOHN ROBERTS ROAD SOUTH PORTLAND, ME 04106

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

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

Sample #		Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time
9A-C	61120	Sample Description Profind 9HINGLES	IIA # (BUIA)	Sampled
7/1-6	THEN	1407, NO 9HINGES		innerno april 100 de Andréisea anten AM 100 de la comencia con esta con est
May 1-10-10-10-10-10-10-10-10-10-10-10-10-10				
enthresis and trade to the second of the sec				

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				And And And Bud Assessment Control of the Annual Control of the An
	Mary			
*Comments/Special	instructions:			

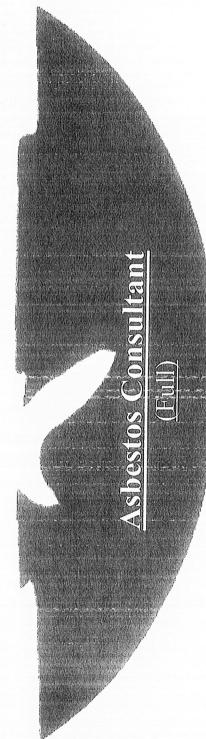
Page _____ of ____ pages



Department of Environmental Protection State of Maine



Environmental Safety & Hygiene Associates



License Number: SK-0005

Expiration Date: 01/31/2014

State of Maine

Asbestos Abatement Program

Mark P. Coleman

Management Planner

Cert 1: MP-0074 Trn.Exp.Date 01/30/2015

Inspector

Cert 2: Al-0038 Trn.2.Exp.Date01/30/2015

Expiration Date 01312015

This is not a legal form of official identification





Maine Labor Group on Health

Asbestos Management Planner Refresher Training

This is to Certify that

Mark P. Coleman

Has Met the Attendance Requirements and Successfully Completed the Exam and the 1/2 Day 4 Hour, Curriculum Course Entitled Asbestos Abatement Manager Planner Refresher Course, for accreditation under TSCA Title II

January 30, 2014

Registered Certificate: 2014PASB 0015 Expiration: 1-30-2015 Exam Score: 88

Exam Score: 88

Exam Date: 1-30-2014

Course Location: Westbrook, ME

Executive Director and Design Consultant
Maine Labor Group on Health

MLGH * P.O. Box 5197 * Augusta, ME 04332 * 207-622-7823 * mlgh@gwl.net

Maine Labor Group on Health

Asbestos Abatement Inspector Refresher Training

This is to Certify that

Mark P. Coleman

Has Met the Attendance Requirements and Successfully Completed the Exam and the 1/2 Day 4 Hour, Curriculum Course Entitled Asbestos Abatement Inspector Refresher Course, for accreditation under TSCA Title II

January 30, 2014

Registered Certificate: 2014 ASB 0013 Expiration: 1-30-2015 Exam Score: 80 Exam Date: 1-30-2014

Executive Director and Design Consultant

Maine Labor Group on Health

MLGH ° P.O. Box 5197 ° Augusta, ME 04332 ° 207-622-7823 ° mlgh@gwi.net