



January 22, 2014

Greene County EDTP
PO Box 996
Tannersville, N.Y. 12485
Att: Michelle Yost

Re: Certified NYS Asbestos survey
For purpose of demolition to LRA buildings
1355 County Route 23B
Leeds, Greene County, NY
Tax Map # 138.00-7-22
KA # 81513.37.04

Dear Michelle,

The following report is the result of our asbestos survey for the buildings on the property (mentioned above) required for demolition. As requested, building material samples were taken inside the house December 17, 2013 of suspect Asbestos containing material (ACM) and outside from the roof of the house and other buildings located to the rear of the property on December 19, 2013, as per New York State Industrial Code Rule 56-5.1 Survey Requirements for Building/Structural Demolition, Remodeling and Repair (ICR56) and OSHA Code of Federal Regulations, 40 CFR Ch. 1 (7-1-03 Edition) S763.86, sampling by Michael P. Bliss (see attached NYS Certification Number AH 01-159929). The samples (see attached Bulk Sampling Chain of Custody one page, dated December 17, 2013 and December 19, 2013 were then delivered to Spectrum Environmental Associates December 23, 2013 for purposes of laboratory analysis (see attached PLM Bulk Asbestos Reports five pages and three pages and Summary of Bulk Asbestos Analysis Results two pages and one page for results.

According to ICR 56, Subpart 2, page 8, ACM is defined as any material containing greater than (1%) asbestos by weight. The samples taken of the shed roofs located at the rear of the house over the bathroom addition next to the porch enclosure (approximately 112 sq. ft.), and a section of roof found towards the rear of the property that is leaning up against the closest shed (approximately 150 sq. ft.), and the roof of another shed located behind the other shed (approximately 63 sq. ft.), came back with more than 1% asbestos by weight. **A NYS certified asbestos abatement contractor is required to remove all material and any debris containing asbestos with more than 1% asbestos by weight.** Also the roof cement at the flashing around both chimney's approximately 8 lin. Ft.), was not accessible the day samples were taken and needs to be considered ACM. If during demolition any suspect ACM is observed from within any hidden cavity or the crawlspace that had only a visual inspection performed from the access opening, the demolition needs to stop immediately and a Certified Asbestos Inspector notified to take additional samples for testing before any further demolition can continue.

The materials sampled that contained more than 1% asbestos by weight are as follows and are also listed in detail in the attached PLM Bulk Asbestos Analysis Report.

- | | |
|---|------------------|
| 1. Sample 03R, Lab No. 213123941-03; roofing over shed roof of house right rear | 1.6% Chrysotile. |
| 2. Sample 04R, Lab No. 213123941-04; roofing over shed roof of house right rear | 3.0% Chrysotile. |
| 3. Sample 09R, Lab No. 213123941-09; roofing of a roof leaning on front shed | 1.5% Chrysotile. |
| 4. Sample 10R, Lab No. 213123941-10; roofing of a roof leaning on front shed | 2.6% Chrysotile. |
| 5. Sample 11R, Lab No. 213123941-11; roofing of the rear shed roof | 2.8% Chrysotile. |

Remember to forward this report to the DOL for your demolition permit and also keep a copy of this report at the building during any of the demolition. If you have any questions please call.

Respectfully,
Kaaterskill Associates

Michael P. Bliss, NYS Certified Asbestos Inspector

CC: Darrin Elsom, PE

Encl: Asbestos Inspector Certificate, Inspector Refresher Requirements Certificate, Bulk Sampling Chain of Custody Report, PLM Bulk Asbestos Report, Summary of Bulk Asbestos Analysis Results, Spectrum Environmental Associates Asbestos handling license, and credentials.



Please Reply To:

AmeriSci New York

117 EAST 30TH ST.
NEW YORK, NY 10016
TEL: (212) 679-8600 • FAX: (212) 679-3114

FACSIMILE TELECOPY TRANSMISSION

To: Bill Massman
Spectrum Environmental Associates, Inc.
Fax #:
Email: wmassmann@4spectrum.com, jcapasso@4spectrum.com, officemgr@4spectrum.com

From: John P. Koubiadis
AmeriSci Job #: 213123943
Subject: ELAP-PLM/TEM 5 day Results
Client Project: 81513.37.04; FEMA Buyout; LRA

Date: Tuesday, December 31, 2013
Time: 03:56:25
Number of Pages: _____
(including cover sheet)
Comments:

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PLM Bulk Asbestos Report

Spectrum Environmental Associates, Inc **Date Received** 12/27/13 **AmeriSci Job #** 213123943
Attn: Bill Massman **Date Examined** 12/31/13 **P.O. #**
P.O.Box 1024 **ELAP #** 11480 **Page** 1 of 5
RE: 81513.37.04; FEMA Buyout; LRA
Schenectady, NY 12301

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
01 Location: Floor Tile / 1st / Side Door Front Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 8 %	213123943-01	No	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 12/31/13
02 Location: Floor Tile / Side Door Front Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 5.7 %	213123943-02	No	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 12/31/13
03 Location: Floor Tile Mastic / Side Door Front Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 7.6 %	213123943-03	No	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 12/31/13
04 Location: Floor Tile Mastic / Side Door Front Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 26.7 %	213123943-04	No	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 12/31/13
05 Location: Gyp. Bd. / R. Wall Analyst Description: Grey, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 10 %, Non-fibrous 90 %	213123943-05	No	NAD (by NYS ELAP 198.1) by John P. Koubiadis on 12/31/13

PLM Bulk Asbestos Report

81513.37.04; FEMA Buyout; LRA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
06 Location: Gyp. Bd. / L. Wall	213123943-06	No	NAD (by NYS ELAP 198.1) by John P. Koubiadis on 12/31/13
Analyst Description: Grey, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 40 %, Non-fibrous 60 %			
07 Location: Compound / R. Wall	213123943-07	Yes	0.5 % (EPA 400 PC) by John P. Koubiadis on 12/31/13
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 0.5 % Other Material: Non-fibrous 99.5 %			
08 Location: Compound / L. Wall	213123943-08	Yes	0.8 % (EPA 400 PC) by John P. Koubiadis on 12/31/13
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 0.8 % Other Material: Non-fibrous 99.2 %			
09 Location: Gyp. Bd. / Ceiling	213123943-09	No	NAD (by NYS ELAP 198.1) by John P. Koubiadis on 12/31/13
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100 %			
10 Location: Gyp. Bd. / Ceiling	213123943-10	No	NAD (by NYS ELAP 198.1) by John P. Koubiadis on 12/31/13
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100 %			
11 Location: Compound / Ceiling	213123943-11	Yes	0.8 % (EPA 400 PC) by John P. Koubiadis on 12/31/13
Analyst Description: OffWhite, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 0.8 % Other Material: Non-fibrous 99.2 %			

Client Name: Spectrum Environmental Associates, Inc.

PLM Bulk Asbestos Report

81513.37.04; FEMA Buyout; LRA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
12	213123943-12	Yes	0.5 % (EPA 400 PC) by John P. Koubiadis on 12/31/13
Location: Compound / Ceiling			
Analyst Description: OffWhite, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types: Chrysotile 0.5 %			
Other Material: Non-fibrous 99.5 %			
13	213123943-13	No	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 12/31/13
Location: Vapor Barrier / R. Wall			
Analyst Description: Black/Brown, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 23.8 %			
14	213123943-14	No	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 12/31/13
Location: Vapor Barrier / L. Wall			
Analyst Description: Black/Brown, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 1.6 %			
15	213123943-15	No	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 12/31/13
Location: Flooring / Rear Floor			
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 50.7 %			
16	213123943-16	No	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 12/31/13
Location: Flooring / Rear Floor			
Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 42.5 %			
17	213123943-17	No	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 12/31/13
Location: 9 x 9 Tile Fl. / Kitchen			
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 9.8 %			

Client Name: Spectrum Environmental Associates, Inc.

PLM Bulk Asbestos Report

81513.37.04; FEMA Buyout; LRA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
18 Location: 9 x 9 Tile Fl. / Kitchen	213123943-18	No	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 12/31/13
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 8.6 %			
19 Location: Under Tile / Kitchen	213123943-19	No	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 12/31/13
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 8.6 %			
20 Location: Under Tile / Kitchen	213123943-20	No	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 12/31/13
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 12.9 %			
21 Location: Gyp. Bd. / Rear Wall	213123943-21	No	NAD (by NYS ELAP 198.1) by John P. Koubiadis on 12/31/13
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 20 %, Non-fibrous 80 %			
22 Location: Gyp. Bd. / Rear Wall	213123943-22	No	NAD (by NYS ELAP 198.1) by John P. Koubiadis on 12/31/13
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 20 %, Non-fibrous 80 %			
23 Location: Compound / Rear Wall	213123943-23	No	NAD (by NYS ELAP 198.1) by John P. Koubiadis on 12/31/13
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			

Client Name: Spectrum Environmental Associates, Inc.

PLM Bulk Asbestos Report

81513.37.04; FEMA Buyout; LRA

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
24	213123943-24	No	NAD
Location: Compound / Rear Wall			(by NYS ELAP 198.1) by John P. Koubiadis on 12/31/13
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 100 %			

Reporting Notes:

Analyzed by: John P. Koubiadis

*NAD/NSD =no asbestos detected; NA =not analyzed; NA/PS=not analyzed/positive stop; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab Code 200546-0), ELAP PLM Method 198.1 for NY friable samples, which includes the identification and quantitation of vermiculite or 198.6 for NOB samples or EPA 400 pt ct by EPA 600/M4-82-020 (NY ELAP Lab ID11480); Note:PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non asbestos-containing in NY State (also see EPA Advisory for floor tile, FR 59,146,38970,8/1/94) National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the lab.This PLM report relates ONLY to the items tested. AIHA Lab # 102843, RI Cert#AAL-094, CT Cert#PH-0186, Mass Cert#AA000054.

Reviewed By:  _____ END OF REPORT _____

Table I
Summary of Bulk Asbestos Analysis Results
 8-1513.37.04; FEMA Buyout; LRA

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	01		0.287	29.6	62.4	8.0	NAD	NAD
		Location: Floor Tile / 1st / Side Door Front						
02	02		0.280	30.0	64.3	5.7	NAD	NAD
		Location: Floor Tile / Side Door Front						
03	03		0.144	89.6	2.8	7.6	NAD	NAD
		Location: Floor Tile Mastic / Side Door Front						
04	04		0.150	66.0	7.3	26.7	NAD	NAD
		Location: Floor Tile Mastic / Side Door Front						
05	05		---	---	---	---	NAD	NA
		Location: Gyp. Bd. / R. Wall						
06	06		---	---	---	---	NAD	NA
		Location: Gyp. Bd. / L. Wall						
07	07		---	---	---	---	Chrysotile 0.5	NA
		Location: Compound / R. Wall						
08	08		---	---	---	---	Chrysotile 0.8	NA
		Location: Compound / L. Wall						
09	09		---	---	---	---	NAD	NA
		Location: Gyp. Bd. / Ceiling						
10	10		---	---	---	---	NAD	NA
		Location: Gyp. Bd. / Ceiling						
11	11		---	---	---	---	Chrysotile 0.8	NA
		Location: Compound / Ceiling						
12	12		---	---	---	---	Chrysotile 0.5	NA
		Location: Compound / Ceiling						
13	13		0.386	71.5	4.7	23.8	NAD	NAD
		Location: Vapor Barrier / R. Wall						
14	14		0.321	96.0	2.5	1.6	NAD	NAD
		Location: Vapor Barrier / L. Wall						
15	15		0.653	37.5	11.8	50.7	NAD	NAD
		Location: Flooring / Rear Floor						
16	16		0.602	45.0	12.5	42.5	NAD	NAD
		Location: Flooring / Rear Floor						

Client Name: Spectrum Environmental Associates, Inc.

Table I
Summary of Bulk Asbestos Analysis Results

81513.37.04; FEMA Buyout; LRA

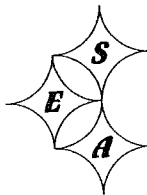
AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	17		0.420	72.4	17.9	9.8	NAD	NAD
Location: 9 x 9 Tile Fl. / Kitchen								
18	18		0.269	84.0	7.4	8.6	NAD	NAD
Location: 9 x 9 Tile Fl. / Kitchen								
19	19		0.269	88.5	3.0	8.6	NAD	NAD
Location: Under Tile / Kitchen								
20	20		0.287	84.0	3.1	12.9	NAD	NAD
Location: Under Tile / Kitchen								
21	21		---	---	---	---	NAD	NA
Location: Gyp. Bd. / Rear Wall								
22	22		---	---	---	---	NAD	NA
Location: Gyp. Bd. / Rear Wall								
23	23		---	---	---	---	NAD	NA
Location: Compound / Rear Wall								
24	24		---	---	---	---	NAD	NA
Location: Compound / Rear Wall								

Analyzed by: John P. Koubiadis Date Analyzed 12/31/2013

**Quantitative Analysis (Semi/Full): Bulk Asbestos Analysis - PLM by EPA 600/M4-82-020 per 40 CFR or ELAP 198.1 for New York friable samples or ELAP 198.6 for New York NOB samples; TEM (Semi/Full) by EPA 600/R-93/116 (not covered by NVLAP Bulk accreditation) or ELAP 198.4; for New York samples; NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represents results for Qualitative PLM or TEM Analysis only (no accreditation coverage available from any regulatory agency for qualitative analyses); AIHA Lab # 102843, NVLAP Lab Code 200546-0, NYSDOH ELAP Lab ID#11480.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris for which PLM evaluation is recommended (i.e. soils and other heterogeneous materials).

Reviewed By: 



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213123943

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 (518) 346-4062 (Fax)
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BULK SAMPLING CHAIN OF CUSTODY Rev 6-1-08

13-494

PROJECT INFORMATION

Project #: 81513.37.04	Project Name: FEMA BUYOUT	Matrix	Asbestos Analysis	Lead Analysis	Turnaround
Date Sampled:	Building Name: LRA	<input checked="" type="checkbox"/> Bulk	<input checked="" type="checkbox"/> PLM - ELAP 198.1	<input type="checkbox"/> AAS - Air	<input type="checkbox"/> RUSH
Page #: 1 of 1	Investigator: MIKE BLISS	<input type="checkbox"/> Paint	<input type="checkbox"/> PLM - ELAP 198.6	<input type="checkbox"/> AAS - Paint	<input type="checkbox"/> 24 Hour
Comments: Unless otherwise stated analyze each group to 1" positive result.		<input type="checkbox"/> Soil	<input type="checkbox"/> TEM - ELAP 198.4	<input type="checkbox"/> AAS - Dust/Wipe	<input type="checkbox"/> 72 Hour
		<input type="checkbox"/> Wipe	<input type="checkbox"/> Other	<input type="checkbox"/> Other	<input checked="" type="checkbox"/> Other 5 Day

SAMPLE IDENTIFICATION

Lab ID #	Field ID #	Group #	Material	Floor or Building	Sample Location
	01		FLOOR TILE	1 ST	SIDE DOOR FRONT
	02		" "		" "
	03		" " MASTIC		" "
	04		" "		" "
	05		GYP BD		E. WALL
	06		" "		E "
	07		COMPOUND		R "
	08		" "		" "
	09		" "		CEILING
	10		" "		" "
	11		COMPOUND		" "
	12		" "		" "
	13		VAPOR BARRIER		R WALL
	14		" "		L "
	15		FLOORING		REAR FLOOR
	16		" "		" "
	17		9x9 TILE FL		KITCHEN
	18		" " "		" "
	19		UNDER TILE		" "
	20		" " "		" "
	21		GYP BD		REAR WALL
	22		" "		" "
	23		COMPOUND		" "
	24		" "		" "

CHAIN OF CUSTODY

	Relinquished By	Date	Time	Received By	Date	Time	Method of Submittal
I		12/23/13	2:00		12/23	12/23	Drop off Fed Ex
II		12/23	18:00		12/27/13	13:15	
III							



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FACSIMILE TELECOPY TRANSMISSION

To: Bill Massman
Spectrum Environmental Associates, Inc.

From: John P. Koubiadis

Fax #:

AmeriSci Job #: 213123941

Subject: ELAP-PLM/TEM 5 day Results

Client Project: 13-495; FEMA Buyout; LRA,
Project #81513.37.04

Email: wmassmann@4spectrum.com, jcapasso@4spectrum.com,
om, officemgr@4spectrum.com

Date: Tuesday, December 31, 2013

Time: 03:54:43

Number of Pages: _____
(including cover sheet)

Comments:

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PLM Bulk Asbestos Report

Spectrum Environmental Associates, Inc **Date Received** 12/27/13 **AmeriSci Job #** 213123941
 Attn: Bill Massman **Date Examined** 12/30/13 **P.O. #**
 P.O.Box 1024 **ELAP #** 11480 **Page** 1 of 3
RE: 13-495; FEMA Buyout; LRA, Project #81513.37.04

Schenectady, NY 12301

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
01R Location: Roofing - Roof - House - Main Roof - Right House Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 34.3 %	213123941-01	No	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 12/30/13
02R Location: Roofing - Roof - House - Front Roof - Right House Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 20.5 %	213123941-02	No	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 12/31/13
03R Location: Roofing - Roof - House - Rear Right - Shed House Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <0.25 % pc Other Material: Non-fibrous 3.9 %	213123941-03	Yes	Trace (<0.25 % pc) ¹ (EPA 400 PC) by John P. Koubiadis on 12/31/13
04R Location: Roofing - Roof - House - Rear Right - Shed House Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <0.25 % pc Other Material: Non-fibrous 19.7 %	213123941-04	Yes	Trace (<0.25 % pc) ¹ (EPA 400 PC) by John P. Koubiadis on 12/31/13
05R Location: Roofing - Sheds - Rear Shed - Roof Collapsed Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 26.5 %	213123941-05	No	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 12/31/13

Client Name: Spectrum Environmental Associates, Inc.

PLM Bulk Asbestos Report

13-495; FEMA Buyout; LRA, Project #81513.37.04

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
06R	213123941-06 Location: Roofing - Sheds - Rear Shed - Roof Collapsed	No	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 12/31/13
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 22.6 %			
07R	213123941-07 Location: Roofing - Sheds - Mid Shed - Roof Collapsed	No	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 12/31/13
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 28.8 %			
08R	213123941-08 Location: Roofing - Sheds - Mid Shed - Roof Collapsed	No	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 12/31/13
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 3.1 %			
09R	213123941-09 Location: Roofing - Sheds - Front Shed - Roof Collapsed	Yes	1.5 % (by NYS ELAP 198.6) by John P. Koubiadis on 12/31/13
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 1.5 % Other Material: Non-fibrous 7.3 %			
10R	213123941-10 Location: Roofing - Sheds - Front Shed - Roof Collapsed	Yes	2.6 % (by NYS ELAP 198.6) by John P. Koubiadis on 12/31/13
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 2.6 % Other Material: Non-fibrous 3.3 %			
11R	213123941-11 Location: Roofing - Roof - House - Rear Shed - Roof House	Yes	2.8 % (by NYS ELAP 198.6) by John P. Koubiadis on 12/31/13
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 2.8 % Other Material: Non-fibrous 4.1 %			

Client Name: Spectrum Environmental Associates, Inc.

PLM Bulk Asbestos Report

13-495; FEMA Buyout; LRA, Project #81513.37.04

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
12R	213123941-12	No	NAD
Location: Roofing - Roof - House - Rear Shed - Roof House			(by NYS ELAP 198.6) by John P. Koubiadis on 12/31/13
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 27.1 %			

Reporting Notes:

(1) Sample prepared for analysis by ELAP 198.6 method

Analyzed by: John P. Koubiadis 

*NAD/NSD =no asbestos detected; NA =not analyzed; NA/PS=not analyzed/positive stop; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab Code 200546-0), ELAP PLM Method 198.1 for NY friable samples, which includes the identification and quantitation of vermiculite or 198.6 for NOB samples or EPA 400 pt ct by EPA 600/M4-82-020 (NY ELAP Lab ID11480); Note:PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non asbestos-containing in NY State (also see EPA Advisory for floor tile, FR 59,146,38970,8/1/94) National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the lab.This PLM report relates ONLY to the items tested. AIHA Lab # 102843, RI Cert#AAL-094, CT Cert#PH-0186, Mass Cert#AA000054.

Reviewed By:  _____ END OF REPORT _____

Client Name: Spectrum Environmental Associates, Inc.

Table I
Summary of Bulk Asbestos Analysis Results

13-495; FEMA Buyout; LRA, Project #81513.37.04

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	01R	0.364	54.1	11.5	34.3	NAD	NAD	
Location: Roofing - Roof - House - Main Roof - Right House								
02	02R	0.112	65.2	14.3	20.5	NAD	NAD	
Location: Roofing - Roof - House - Front Roof - Right House								
03	03R	0.310	92.6	3.5	2.3	Chrysotile <0.25	Chrysotile 1.6	
Location: Roofing - Roof - House - Rear Right - Shed House								
04	04R	0.694	67.4	12.8	16.7	Chrysotile <0.25	Chrysotile 3.0	
Location: Roofing - Roof - House - Rear Right - Shed House								
05	05R	0.585	61.0	12.5	26.5	NAD	NAD	
Location: Roofing - Sheds - Rear Shed - Roof Collapsed								
06	06R	0.425	59.5	17.9	22.6	NAD	NAD	
Location: Roofing - Sheds - Rear Shed - Roof Collapsed								
07	07R	0.466	60.7	10.5	28.8	NAD	NAD	
Location: Roofing - Sheds - Mid Shed - Roof Collapsed								
08	08R	0.350	92.9	4.0	3.1	NAD	NAD	
Location: Roofing - Sheds - Mid Shed - Roof Collapsed								
09	09R	0.340	83.8	7.4	7.3	Chrysotile 1.5	NA	
Location: Roofing - Sheds - Front Shed - Roof Collapsed								
10	10R	0.305	88.2	5.9	3.3	Chrysotile 2.6	NA	
Location: Roofing - Sheds - Front Shed - Roof Collapsed								
11	11R	0.494	87.7	5.5	4.1	Chrysotile 2.8	NA	
Location: Roofing - Roof - House - Rear Shed - Roof House								
12	12R	0.516	64.0	8.9	27.1	NAD	NAD	
Location: Roofing - Roof - House - Rear Shed - Roof House								

Client Name: Spectrum Environmental Associates, Inc.

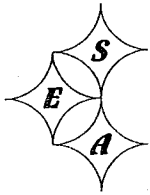
Table I
Summary of Bulk Asbestos Analysis Results
 13-495; FEMA Buyout; LRA, Project #81513.37.04

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
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Analyzed by: John P. Koubiadis; Date Analyzed 12/31/2013
 **Quantitative Analysis (Semi/Full) Bulk Asbestos Analysis - PLM by EPA 600/M4-82-020 per 40 CFR or ELAP 198.1 for New York friable samples or ELAP 198.6 for New York NOB samples; TEM (Semi/Full) by EPA 600/R-93/116 (not covered by NVLAP Bulk accreditation) or ELAP 198.4; for New York samples; NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represents results for Qualitative PLM or TEM Analysis only (no accreditation coverage available from any regulatory agency for qualitative analyses); AIHA Lab # 102843, NVLAP Lab Code 200546-0, NYSDOH ELAP Lab ID#11480.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris for which PLM evaluation is recommended (i.e. soils and other heterogeneous materials).

Reviewed By: 



SPECTRUM

Environmental Associates, Inc.

"EXCEEDING OUR CLIENTS EXPECTATIONS OF EXCELLENCE"

P. O. Box 1024
Schenectady, NY 12301
(518) 346-6374 (Phone)
(518) 346-4062 (Fax)
www.4spectrum.com

213123941

BULK SAMPLING CHAIN OF CUSTODY Rev 6-1-08

PROJECT INFORMATION

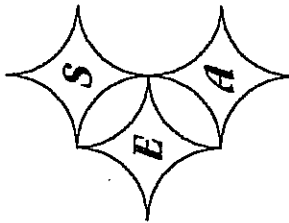
Project #: 21513.37.09	Project Name: FEMA BUYOUT	Matrix	Asbestos Analysis	Lead Analysis	Turnaround
Date Sampled: 12/19/13	Building Name: LRA	<input checked="" type="checkbox"/> Bulk	<input checked="" type="checkbox"/> PLM - ELAP 198.1	<input type="checkbox"/> AAS - Air	<input type="checkbox"/> RUSH
Page #: 1 of 1	Investigator: M. BUSS	<input type="checkbox"/> Paint	<input type="checkbox"/> PLM - ELAP 198.6	<input type="checkbox"/> AAS - Paint	<input type="checkbox"/> 24 Hour
Comments: Unless otherwise stated analyze each group to 1 st positive result.		<input type="checkbox"/> Soil	<input type="checkbox"/> TEM - ELAP 198.4	<input type="checkbox"/> AAS - Dust/Wipe	<input type="checkbox"/> 72 Hour
		<input type="checkbox"/> Wipe	<input type="checkbox"/> Other _____	<input type="checkbox"/> Other _____	<input checked="" type="checkbox"/> Other 5 Day

SAMPLE IDENTIFICATION

Lab ID #	Field ID #	Group #	Material	Floor or Building	Sample Location
	01 R		ROOFING	ROOF HOUSE	MAIN ROOF RIGHT HOUSE
	02 R		"		FRONT ROOF RIGHT "
	03 R		"		REAR RIGHT SHED HOUSE
	04 R		"		" " " "
	05 R		"	SHED	REAR SHED ROOF COLAR SHED
	06 R		"		" " " "
	07 R		"		MID " "
	08 R		"		" " " "
	09 R		"		FRONT SHED "
	10 R		"		" " " "
	11 R		"	ROOF HOUSE	REAR SHED ROOF HOUSE
	12 R		"		" " " "

CHAIN OF CUSTODY

	Relinquished By	Date	Time	Received By	Date	Time	Method of Submittal
I		12/23/13	2:00		12/23	14:00	Dry off
II		12/23	18:00				Fed Ex
III					12/27/13	1305	Fed Ex



Spectrum Environmental Associates, Inc.

Exceeding our Clients Expectations of Excellence

This is to certify that

Michael P. Bliss

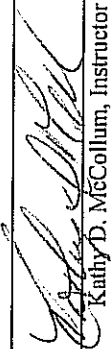
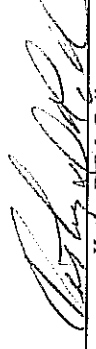
Social Security #: XXX-XX-5404

Has Successfully Completed The:

Asbestos Building Inspector Refresher Course
Also satisfies the N.Y.S.D.O.H. Building Inspector Refresher Requirements

This course is EPA and New York State Department Of Health approved pursuant to Article 30, Section 905 of the New York State Labor Law as required under Title 10, Chapter 11, Subchapter H, Part 73 NYSCRR.

The DOH 2832 certificate issued is the official record of this training course.

100	4/4/13
Exam Score	Course Date(s)
4/4/2013	
Exam Date	
664225	4/4/2014
DOH 2832	Expiration Date
Certificate Number	
	
	Kathy D. McCollum, Instructor
	
	Kathy D. McCollum Director of Training

2539 Albany Street, Box 1024 - Schenectady, New York 12301 - 1024
Phone: (518) 346-6374 | Fax: (518) 346-4062 | www.Aspectrum.com

RESPIRATOR FIT CERTIFICATION

NAME Michael Bliss
 S.S.# 084 503404 NEXT TEST DUE 4/26/14
 EMPLOYER Waterskill Assoc
 FULL FACE HALF FACE FULL FACE HALF FACE
 MAKE/MODEL 3M MAKE/MODEL _____ MAKE/MODEL _____
 SIZE Large SIZE _____ SIZE _____
 APPROVAL# _____ APPROVAL# _____ APPROVAL# _____
 FIT FACTOR 100 FIT FACTOR _____ FIT FACTOR _____
Concentra 4/21/13
 TEST OPERATOR DATE ISSUED

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



MICHAEL P. BLISS
 CLASS (EXPIRES)
 D/INSP (05/14)
 DEPARTMENT OF LABOR

CERT# 01-15929
 DMV# 134666477
 MUST BE CARRIED ON ASBESTOS PROJECTS

Occupational Health Centers
 of New York, P.A.
 Affiliated with Concentra

1971 WESTERN AVE.
 ALBANY, NY 12203
 (518) 452-2597
 FAX: (518) 452-4348



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 HAIR BRO
 HGT 6' 04"

IF FOUND RETURN TO:
 NYS DOL - L&C UNIT
 ROOM 161A BUILDING 12
 STATE OFFICE CAMPUS
 ALBANY NY 12240

New York State Department of Labor

Division of Safety and Health
License and Certificate Unit
State Campus, Building 12
Albany, NY 12240

ASBESTOS HANDLING LICENSE

Kaaterskill Associates Land Surveying Architecture and
Engineering, P.C.

P.O. Box 1020
Cairo, NY 12413

FILE NUMBER: 00-1040
LICENSE NUMBER: 29739
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 06/19/2013
EXPIRATION DATE: 06/30/2014

Duly Authorized Representative: Michael P. Bliss

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

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Eileen M. Franko, Acting Director
For the Commissioner of Labor