



January 2, 2014

Mr. Vince McLeod
Ascend Environmental
PO Box 783263
Winter Garden, FL 32778

via e-mail: vmcleodcih@gmail.com

**RE: Asbestos Sampling Report
C.R. Layton U.S Army Reserve Center (FL005)
1125 Northeast 8th Avenue
Gainesville, Florida**

GLE Project No.: 13000-13405

Dear Mr. McLeod:

GLE Associates, Inc. (GLE) performed bulk material sampling for asbestos-containing materials (ACM) on December 24, 2013 of Client-identified materials of the C.R. Layton U.S Army Reserve Center, located at 1125 Northeast 8th Avenue in Gainesville, Florida. The materials sampled were previously identified as assumed asbestos-containing materials in a report dated June 2013 by Professional Service Industries, Inc. The sampling was performed by Mr. Paul Zak with GLE. This report outlines the results of the bulk material sampling.


All of the collected samples were submitted to EMSL Analytical, Inc., a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory, for analysis. The samples were analyzed using polarized light microscopy (PLM) coupled with dispersion staining in general accordance with EPA 600/R-93/116. A summary of the homogenous sampling areas of suspect asbestos-containing materials (ACM) and the associated analytical results are outlined in the attached table. Copies of the laboratory report and chain of custody are attached to this letter.

Note, the “stair tread with mastic” identified by Professional Service Industries, Inc., was neither observed nor sampled during the sampling event. The stairs were observed to be finished concrete.

GLE appreciates the opportunity to serve as your consultant on this project. If you should have any questions, or if we can be of further service, please do not hesitate to call.

Sincerely,
GLE Associates, Inc.


Paul S. Zak, CIH
Environmental Services Manager


Robert B. Greene PE, PG, CIH
Asbestos Consultant, EA 0000009

PSZ/MBC/RBG/
G:\Work\Asbestos\13\13000\13405 Gainesville Armory Limited Survey\L01 Bulk final.doc

GLE Associates, Inc.

**SUMMARY OF HOMOGENEOUS SAMPLING AREAS
C.R. Layton U.S Army Reserve Center (FL005)
1125 Northeast 8th Avenue
Gainesville, Florida**

HA #	HOMOGENEOUS MATERIAL DESCRIPTION	HOMOGENEOUS MATERIAL LOCATION	F/NF	% ASBESTOS*	NO. OF SAMPLES COLLECTED	ACM CATEGORY
FT-01	12" x 12" Light Brown Floor Tile with Brown Mastic	Room 120 and 121	NF	Floor Tile-ND Brown Mastic <1% C	3	NA
MAS-01	Yellow Carpet Mastic	Room 111	NF	ND	3	NA
M-01	Brick Mortar	Exterior Walls	NF	ND	3	NA
M-02	Brick	Exterior Walls	NF	ND	3	NA
M-03	Concrete Block	Interior Walls	NF	ND	3	NA
M-04	Concrete Block Mortar	Interior Walls	NF	ND	3	NA
M-05	Ceramic Tile Mastic (Float)	Bathroom Floors	NF	ND	3	NA
M-06	Ceramic Tile Grout	Bathroom Floors	NF	ND	3	NA

ASBESTOS CONTENT Expressed as percent	* = The facility owner has the option of point-counting by polarized light microscopy (PLM) those RACM whose asbestos content is less than 10% in order to more accurately determine the asbestos content therein.			140274J MOD
FRIABILITY	PC = Results based on Point-Count analysis	C = Chrysotile	A = Amosite	AP = Assumed Positive
CATEGORY OF MATERIAL	F = Friable Material	NF = Non-Friable Material		
ABBREVIATIONS:	RACM = Regulated ACM	CAT. I = Category I non-friable ACM	CAT. II = Category II non-friable ACM	
	NA = Not Applicable	ND = None Detected	NIS = Not in Scope	
	HA = Homogeneous Area	SF = Square Feet	LF = Linear Feet	
				CF = Cubic Feet


EMSL Analytical, Inc.

706 Gralin Street, Kernersville, NC 27284

Phone/Fax: (336) 992-1025 / (336) 992-4175

<http://www.EMSL.com>
greensborolab@emsl.com

EMSL Order: 021307724

CustomerID: GLEA51B

CustomerPO:

ProjectID:

Attn: **Paul Zak**
GLE Associates
2228 N.W. 40th Terrace
Suite C
Gainesville, FL 32605

Phone: (352) 335-6648

Fax:

Received: 12/27/13 10:15 AM

Analysis Date: 12/31/2013

Collected:

Project: 1300-13405

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
FT-01 A-Floor Tile 021307724-0001	Floor Tile/ Mastic	Gray/Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
FT-01 A-Mastic 021307724-0001A	Floor Tile/ Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	<1% Chrysotile
FT-01 B-Floor Tile 021307724-0002	Floor Tile/ Mastic	Gray/Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
FT-01 B-Mastic 021307724-0002A	Floor Tile/ Mastic	Brown/Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	<1% Chrysotile
FT-01 C-Floor Tile 021307724-0003	Floor Tile/ Mastic	Gray/Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
FT-01 C-Mastic 021307724-0003A	Floor Tile/ Mastic	Brown/Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	<1% Chrysotile
MAS-01 A 021307724-0004	Carpet Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
MAS-01 B 021307724-0005	Carpet Mastic	Tan Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected

Analyst(s)

James Cole (9)

Kristie Elliott (18)

 Stephen Bennett, Laboratory Manager
 or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc, Kernersville, NC NVLAP Lab Code 102104-0, CA ELAP 2689, Virginia 3333-000228, West Virginia LT000321

Initial report from 12/31/2013 09:36:38


EMSL Analytical, Inc.

706 Gralin Street, Kernersville, NC 27284

Phone/Fax: (336) 992-1025 / (336) 992-4175

<http://www.EMSL.com>
greensborolab@emsl.com

EMSL Order: 021307724

CustomerID: GLEA51B

CustomerPO:

ProjectID:

Attn: **Paul Zak**
GLE Associates
2228 N.W. 40th Terrace
Suite C
Gainesville, FL 32605

Phone: (352) 335-6648

Fax:

Received: 12/27/13 10:15 AM

Analysis Date: 12/31/2013

Collected:

Project: 1300-13405

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
MAS-01 C 021307724-0006	Carpet Mastic	Tan Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
M-01 A 021307724-0007	Brick Mortar	Gray Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
M-01 B 021307724-0008	Brick Mortar	Gray Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
M-01 C 021307724-0009	Brick Mortar	Gray Non-Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
M-02 A 021307724-0010	Brick	Black/Orange Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
M-02 B 021307724-0011	Brick	Black/Orange Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
M-02 C 021307724-0012	Brick	Black/Orange Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
M-03 A 021307724-0013	Concrete Block	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

James Cole (9)

Kristie Elliott (18)

 Stephen Bennett, Laboratory Manager
 or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%
 Samples analyzed by EMSL Analytical, Inc. Kernersville, NC NVLAP Lab Code 102104-0, CA ELAP 2689, Virginia 3333-000228, West Virginia LT000321

Initial report from 12/31/2013 09:36:38


EMSL Analytical, Inc.

706 Gralin Street, Kernersville, NC 27284

Phone/Fax: (336) 992-1025 / (336) 992-4175

<http://www.EMSL.com>
greensborolab@emsl.com

EMSL Order: 021307724

CustomerID: GLEA51B

CustomerPO:

ProjectID:

Attn: **Paul Zak**
GLE Associates
2228 N.W. 40th Terrace
Suite C
Gainesville, FL 32605

Phone: (352) 335-6648

Fax:

Received: 12/27/13 10:15 AM

Analysis Date: 12/31/2013

Collected:

Project: 1300-13405

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
M-03 B 021307724-0014	Concrete Block	Gray/Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
M-03 C 021307724-0015	Concrete Block	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
M-04 A 021307724-0016	Concrete Block Mortar	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
M-04 B 021307724-0017	Concrete Block Mortar	Gray Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
M-04 C 021307724-0018	Concrete Block Mortar	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
M-05 A 021307724-0019	Ceramic Tile/ Mastic	Gray/Beige Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
M-05 B 021307724-0020	Ceramic Tile/ Mastic	Gray/Beige Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
M-05 C 021307724-0021	Ceramic Tile/ Mastic	Gray Non-Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected

Analyst(s)

James Cole (9)

Kristie Elliott (18)

 Stephen Bennett, Laboratory Manager
 or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc. Kernersville, NC NVLAP Lab Code 102104-0, CA ELAP 2689, Virginia 3333-000228, West Virginia LT000321

Initial report from 12/31/2013 09:36:38


EMSL Analytical, Inc.

706 Galin Street, Kernersville, NC 27284

Phone/Fax: (336) 992-1025 / (336) 992-4175

<http://www.EMSL.com>
greensborolab@emsl.com

EMSL Order: 021307724

CustomerID: GLEA51B

CustomerPO:

ProjectID:

Attn: **Paul Zak**
GLE Associates
2228 N.W. 40th Terrace
Suite C
Gainesville, FL 32605

Phone: (352) 335-6648

Fax:

Received: 12/27/13 10:15 AM

Analysis Date: 12/31/2013

Collected:

Project: 1300-13405

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
M-06 A 021307724-0022	Ceramic Tile Grout	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
M-06 B 021307724-0023	Ceramic Tile Grout	Gray Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
M-06 C 021307724-0024	Ceramic Tile Grout	Gray Non-Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected

Analyst(s)

James Cole (9)

Kristie Elliott (18)

 Stephen Bennett, Laboratory Manager
 or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc. Kernersville, NC NVLAP Lab Code 102104-0, CA ELAP 2689, Virginia 3333-000228, West Virginia LT000321

Initial report from 12/31/2013 09:36:38

EMSL Analytical, Inc.
706 Gralin Street



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

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

021307724

Kernersville, NC 27284
PHONE: (336) 992-1025
FAX (336) 992-4175

Company : GLE Associates		EMSL-Bill to: <input checked="" type="checkbox"/> Different <input type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2228 NW 40th Ter Suite C		Third Party Billing requires written authorization from third party	
City: Gainesville	State/Province: FL	Zip/Postal Code: 32605	Country: United States
Report To (Name): Paul Zak		Telephone #: 352-335-6648	
Email Address: pzak@gleassociates.com		Fax #:	Purchase Order:
Project Name/Number: 13000-13405		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: FL		Connecticut Samples: <input type="checkbox"/> Commercial <input type="checkbox"/> Residential	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)
PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5	Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique
TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking		Other: <input type="checkbox"/>

Check For Positive Stop - Clearly Identify Homogenous Group Filter Pore Size (Air Samples): 0.8µm 0.45µm

Samplers Name: Paul Zak Samplers Signature: *[Signature]*

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
FT-dABC	12x12 Lt Brown Floor Tile w/ Brown Mastic		12/24/13
MAS-01ABC	Yellow Carpet Mastic		↓
M-01 ABC	Brick Mortar		
M-02 ABC	Brick		
M-03 ABC	Concrete Block		
M-04 ABC	Concrete Block Mortar		
M-05 ABC	Ceramic Tile Mastic (Float)		
M-06 ABC	Ceramic Tile Grout		

Client Sample # (s): - Total # of Samples: 24

Relinquished (Client): Paul Zak Date: 12/24/13 Time:

Received (Lab): NS Date: 12/27/13 Time: 10:15

Comments/Special Instructions:
 Bill to: GLE Associates, Inc, 4300 W Cypress St., Suite 400, Tampa, FL, 33607, United States
 Attention: Deondrea Jones Phone: 888-453-4531 Email: Purchase Order:
 FX 8033 0910 9300