



WESTERN STATE HOSPITAL HAZARDOUS MATERIALS SURVEY

LAB ANALYSIS BUILDING #112

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/9/2013
Project Name: City Of Staunton
Project #: IHR0130196
SanAir ID#: 13020892



Certification # 652931



License # LAB0166



804.897.1177

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SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: <http://www.sanair.com> E-mail: iaq@sanair.com

EI Group, Inc Roanoke Office
15 Salem Ave SE
Suite 301
Roanoke, VA 24011

September 9, 2013

SanAir ID # 13020892
Project Name: City Of Staunton
Project Number: IHR0130196

Dear Melissa Hart,

We at SanAir would like to thank you for the work you recently submitted. The 52 sample(s) were received on Friday, September 06, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 112-1, 112-2, 112-3, 112-4, 112-5, 112-6, 112-7, 112-8, 112-9, 112-10, 112-11, 112-12, 112-13, 112-14, 112-15, 112-16, 112-17, 112-18, 112-19, 112-20, 112-21, 112-22, 112-23, 112-24, 112-25, 112-26, 112-27, 112-28, 112-29, 112-30, 112-31, 112-32, 112-33, 112-34, 112-35, 112-36, 112-37, 112-38, 112-39, 112-40, 112-41, 112-42, 112-43, 112-44, 112-45, 112-46, 112-47, 112-48, 112-49, 112-50, 112-51, 112-52.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:

- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:

52 sample(s) in Good condition



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SanAir ID Number

13020892

FINAL REPORT

Name: El Group, Inc Roanoke Office
Address: 15 Salem Ave SE
Suite 301
Roanoke, VA 24011

Project Number: IHR0130196
P.O. Number:
Project Name: City Of Staunton

Collected Date: 9/5/2013
Received Date: 9/6/2013 10:20:00 AM
Report Date: 9/9/2013 2:35:08 PM
Analyst: Sobrino, Sandra

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-1 / 13020892-001 Floor Tile	Beige Non-Fibrous Homogeneous		100% Other	None Detected
112-1 / 13020892-001 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-2 / 13020892-002 Floor Tile	Beige Non-Fibrous Homogeneous		100% Other	None Detected
112-2 / 13020892-002 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-3 / 13020892-003	White Fibrous Homogeneous	40% Cellulose 30% Glass 20% Min. Wool	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-4 / 13020892-004	White Fibrous Homogeneous	40% Cellulose 30% Glass 20% Min. Wool	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-5 / 13020892-005 Drywall	Grey Non-Fibrous Homogeneous	3% Cellulose	97% Other	None Detected
112-5 / 13020892-005 Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: *Sandra Sobrino*
Date: 9/9/2013

Reviewed: *Sandra Sobrino*
Date: 9/9/2013

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Analyst: Sobrino, Sandra

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-6 / 13020892-006 Drywall	Grey Non-Fibrous Homogeneous	3% Cellulose	97% Other	None Detected
112-6 / 13020892-006 Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-7 / 13020892-007 Floor Tile	Beige Non-Fibrous Homogeneous		100% Other	None Detected
112-7 / 13020892-007 Mastic	Black Non-Fibrous Homogeneous		97% Other	3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-8 / 13020892-008 Floor Tile	Beige Non-Fibrous Homogeneous		100% Other	None Detected
112-8 / 13020892-008 Mastic	Black Non-Fibrous Homogeneous		97% Other	3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-9 / 13020892-009	White Fibrous Homogeneous	40% Cellulose 30% Glass 20% Min. Wool	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-10 / 13020892-010	White Fibrous Homogeneous	40% Cellulose 30% Glass 20% Min. Wool	10% Other	None Detected

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Signature: *Sandra Sobrino*
Date: 9/9/2013

Reviewed: *Sandra Sobrino*
Date: 9/9/2013

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Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
112-11 / 13020892-011	Black Non-Fibrous Homogeneous		96% Other	4% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
112-12 / 13020892-012	Black Non-Fibrous Homogeneous		97% Other	3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
112-13 / 13020892-013 Floor Tile	Brown Non-Fibrous Homogeneous		100% Other	None Detected
112-13 / 13020892-013 Mastic	Black Non-Fibrous Homogeneous		97% Other	3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
112-14 / 13020892-014 Floor Tile	Brown Non-Fibrous Homogeneous		100% Other	None Detected
112-14 / 13020892-014 Mastic	Black Non-Fibrous Homogeneous		97% Other	3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
112-15 / 13020892-015 Cove Base	Black Non-Fibrous Homogeneous		100% Other	None Detected
112-15 / 13020892-015 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected

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Date: 9/9/2013

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Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-16 / 13020892-016 Cove Base	Black Non-Fibrous Homogeneous		100% Other	None Detected
112-16 / 13020892-016 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-17 / 13020892-017	Tan Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-18 / 13020892-018	Tan Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-19 / 13020892-019 Cove Base	Tan Non-Fibrous Homogeneous		100% Other	None Detected
112-19 / 13020892-019 Mastic	Brown Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-20 / 13020892-020 Cove Base	Tan Non-Fibrous Homogeneous		100% Other	None Detected
112-20 / 13020892-020 Mastic	Brown Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: *Sandra Sobrino*
Date: 9/9/2013

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Date: 9/9/2013

Page 4 of 9



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Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-21 / 13020892-021	Cream Non-Fibrous Homogeneous	20% Cellulose	80% Other	None Detected
112-22 / 13020892-022	Cream Non-Fibrous Homogeneous	20% Cellulose	80% Other	None Detected
112-23 / 13020892-023	White Non-Fibrous Homogeneous	3% Cellulose	97% Other	None Detected
112-24 / 13020892-024 Drywall	White Non-Fibrous Homogeneous	3% Cellulose	97% Other	None Detected
112-24 / 13020892-024 Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected
112-25 / 13020892-025	Grey Fibrous Homogeneous	85% Glass	15% Other	None Detected
112-26 / 13020892-026	Grey Fibrous Homogeneous	85% Glass	15% Other	None Detected

Certification

Signature: *Sandra Sobrino*
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Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-27 / 13020892-027	White	40% Cellulose	10% Other	None Detected
	Fibrous	30% Glass		
	Homogeneous	20% Min. Wool		

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-28 / 13020892-028	White	40% Cellulose	10% Other	None Detected
	Fibrous	30% Glass		
	Homogeneous	20% Min. Wool		

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-29 / 13020892-029	White		100% Other	None Detected
	Non-Fibrous			
	Homogeneous			

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-30 / 13020892-030	White		100% Other	None Detected
	Non-Fibrous			
	Homogeneous			

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-31 / 13020892-031	Brown		100% Other	None Detected
	Non-Fibrous			
	Homogeneous			

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-32 / 13020892-032	Grey		100% Other	None Detected
	Non-Fibrous			
	Homogeneous			

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-33 / 13020892-033	Grey		100% Other	None Detected
	Non-Fibrous			
	Homogeneous			

Certification

Signature: *Sandra Sobrino*
Date: 9/9/2013

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FINAL REPORT

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Project Name: City Of Staunton

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Report Date: 9/9/2013 2:35:08 PM
Analyst: Sobrino, Sandra

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-34 / 13020892-034	Cream Non-Fibrous Homogeneous	20% Cellulose	80% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-35 / 13020892-035	Cream Non-Fibrous Homogeneous	20% Cellulose	80% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-36 / 13020892-036	Brown Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-37 / 13020892-037	Brown Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-38 / 13020892-038 Floor Tile	Grey Non-Fibrous Homogeneous		100% Other	None Detected
112-38 / 13020892-038 Mastic	Black Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-39 / 13020892-039 Floor Tile	Grey Non-Fibrous Homogeneous		100% Other	None Detected
112-39 / 13020892-039 Mastic	Black Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: *Sandra Sobrino*
Date: 9/9/2013

Reviewed: *Sandra Sobrino*
Date: 9/9/2013

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Analyst: Sobrino, Sandra

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-40 / 13020892-040	Cream Non-Fibrous Homogeneous	20% Cellulose	80% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-41 / 13020892-041	Cream Non-Fibrous Homogeneous	20% Cellulose	80% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-43 / 13020892-043	Grey Fibrous Homogeneous	15% Glass	85% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-44 / 13020892-044 Linoleum	Cream Non-Fibrous Homogeneous	20% Cellulose	80% Other	None Detected
112-44 / 13020892-044 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-45 / 13020892-045 Linoleum	Cream Non-Fibrous Homogeneous	20% Cellulose	80% Other	None Detected
112-45 / 13020892-045 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-46 / 13020892-046	Grey Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile

Certification

Signature: *Sandra Sobrino*
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Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
112-47 / 13020892-047 Floor Tile	Grey Non-Fibrous Homogeneous		100% Other	None Detected
112-47 / 13020892-047 Mastic	Black Non-Fibrous Homogeneous		97% Other	3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
112-48 / 13020892-048	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
112-49 / 13020892-049	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
112-50 / 13020892-050	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
112-51 / 13020892-051	Grey Non-Fibrous Homogeneous		97% Other	3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
112-52 / 13020892-052	Grey Non-Fibrous Homogeneous		97% Other	3% Chrysotile

Certification

Signature: *Sandra Sobrino*
Date: 9/9/2013

Reviewed: *Sandra Sobrino*
Date: 9/9/2013

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Disclaimer

The final report cannot be reproduced, except in full, without written authorization from SanAir. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the client's sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government.

For NY state samples, method EPA 600/M4-82-020 is performed.

Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

NY ELAP lab ID 11983

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13020892

Unless scheduled, the turn around time for all samples received after 3 pm EST Friday will begin at 8 am Monday morning. Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time. Work with standard turn around time sent Priority Overnight and Billed To Recipient will be charged a \$10 shipping fee.

Page 1 of 1

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/11/2013
Project Name: Western State
Hospital
Project #: IHRO130196.00
SanAir ID#: 13021167



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EI Group, Inc Roanoke Office
15 Salem Ave SE
Suite 301
Roanoke, VA 24011

September 11, 2013

SanAir ID # 13021167
Project Name: Western State Hospital
Project Number: IHRO130196.00

Dear Melissa Hart,

We at SanAir would like to thank you for the work you recently submitted. The 4 sample(s) were received on Tuesday, September 10, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 112-53, 112-54, 112-55, 112-56.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:
- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:
4 sample(s) in Good condition



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SanAir ID Number

13021167

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P.O. Number:
Project Name: Western State Hospital

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SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
112-53 / 13021167-001	Black Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
112-54 / 13021167-002	Black Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
112-55 / 13021167-003	Black Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
112-56 / 13021167-004	Black Non-Fibrous Heterogeneous		100% Other	None Detected

Certification

Signature: *Sandra Sobrino*
Date: 9/11/2013

Reviewed: *Sandra Sobrino*
Date: 9/11/2013

Page 1 of 1

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For NY state samples, method EPA 600/M4-82-020 is performed.

Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

NY ELAP lab ID 11983

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B - Powhatan, VA 23139
804-897-1177 / 888-895-1177 / Fax 804-897-0070
www.sanair.com

Asbestos Chain of Custody

SanAir ID Number

13021167

Company: <u>The E1 Group - Staunton</u>		Project #: <u>1480130416.00</u>	Collect by:
Address:		Project Name: <u>Wakefield State Hospital</u>	Phone #:
City, St., Zip:		Date Collected: <u>9-9-13</u>	Fax #:
State of Collection: <u>VA</u> Account#:		P.O. Number:	Email:

Bulk		Air		Soil/Vermiculite	
ABB	PLM EPA 600/R-93/116 ☒	ABA	PCM NIOSH 7400 ☐	ABSE	PLM EPA 600/R-93/116 (Qual.) ☐
	Positive Stop ☐	ABA-2	OSHA w/ TWA* ☐	ABSP	PLM CARB 435 (LOD <1%) ☐
ABEPA	PLM EPA 400 Point Count ☐	ABTEM	TEM AHERA ☐	ABSP1	PLM CARB 435 (LOD 0.25%) ☐
ABB1K	PLM EPA 1000 Point Count ☐	ABATN	TEM NIOSH 7402 ☐	ABSP2	PLM CARB 435 (LOD 0.1%) ☐
ABBEN	PLM EPA NOB ☐	ABT2	TEM Level II ☐		
ABBCH	TEM Chatfield ☐				
ABBTM	TEM EPA NOB ☐				
Water		New York ELAP		Dust	
ABHE	EPA 100.2 ☐	PLM NY	PLM 600/M4/82/020 ☐	ABWA	TEM Wipe ASTM D-6480 ☐
		ABEPA2	NY ELAP 198.1 ☐	ABDMV	TEM Microvac ASTM D-5755 ☐
		ABENY	NY ELAP 198.6 PLM NOB ☐	Matrix	Other ☐
		ABBNY	NY ELAP 198.4 TEM NOB ☐		

Turn Around Times	3 HR (4 HR TEM) ☐	6 HR (8HR TEM) ☐	12 HR ☐	24 HR ☒
	2 Days ☐	3 Days ☐	4 Days ☐	5 Days ☐

Special Instructions Examine results to select agent con

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop
112-53					
↓					
112-56					

Relinquished by	Date	Time	Received by	Date	Time
<u>[Signature]</u>	<u>9-9-13</u>	<u>1540</u>	<u>[Signature]</u>	<u>SEP 10 2013</u>	<u>9:30 AM</u>

Unless scheduled, the turn around time for all samples received after 3 pm EST Friday will begin at 8 am Monday morning. Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time. Work with standard turn around time sent Priority Overnight and Billed To Recipient will be charged a \$10 shipping fee.

Page ___ of

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/16/2013
Project Name: City Of Staunton
Project #: IHRO130196
SanAir ID#: 13021560



Certification # 652931



License # LAB0166



804.897.1177

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SanAir Technologies Laboratory, Inc.

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804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: <http://www.sanair.com> E-mail: iaq@sanair.com

EI Group, Inc Roanoke Office
15 Salem Ave SE
Suite 301
Roanoke, VA 24011

September 16, 2013

SanAir ID # 13021560
Project Name: City Of Staunton
Project Number: IHRO130196

Dear Melissa Hart,

We at SanAir would like to thank you for the work you recently submitted. The 4 sample(s) were received on Friday, September 13, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 112-58, 112-59, 112-60, 112-61.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:
- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:
4 sample(s) in Good condition



SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

13021560

FINAL REPORT

Name: El Group, Inc Roanoke Office
Address: 15 Salem Ave SE
Suite 301
Roanoke, VA 24011

Project Number: IHRO130196
P.O. Number:
Project Name: City Of Staunton

Collected Date: 9/9/2013
Received Date: 9/13/2013 10:20:00 AM
Report Date: 9/16/2013 8:47:15 AM
Analyst: Sobrino, Sandra

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
112-58 / 13021560-001	Brown Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
112-59 / 13021560-002	Brown Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
112-60 / 13021560-003	Tan Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
112-61 / 13021560-004	Tan Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: *Sandra Sobrino*
Date: 9/13/2013

Reviewed: *[Signature]*
Date: 9/16/2013

Page 1 of 1

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For NY state samples, method EPA 600/M4-82-020 is performed.

Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

NY ELAP lab ID 11983

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/20/2013
Project Name: City Of Staunton,
Bldg. 112
Project #: IHRO130196
SanAir ID#: 13022146



804.897.1177

www.sanair.com



SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: <http://www.sanair.com> E-mail: iaq@sanair.com

EI Group, Inc Roanoke Office
15 Salem Ave SE
Suite 301
Roanoke, VA 24011

September 20, 2013

SanAir ID # 13022146
Project Name: City Of Staunton, Bldg. 112
Project Number: IHRO130196

Dear Melissa Hart,

We at SanAir would like to thank you for the work you recently submitted. The 1 sample(s) were received on Thursday, September 19, 2013 via Fax or Email request. The final report(s) is enclosed for the following sample(s): 112-46.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:
- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:
1 sample(s) in Good condition



SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

13022146

FINAL REPORT

Name: El Group, Inc Roanoke Office
Address: 15 Salem Ave SE
Suite 301
Roanoke, VA 24011

Project Number: IHRO130196
P.O. Number:
Project Name: City Of Staunton, Bldg. 112

Collected Date: 9/5/2013
Received Date: 9/19/2013 8:00:00 AM
Report Date: 9/20/2013 10:28:28 AM
Analyst: Sobrino, Sandra

Asbestos Bulk EPA PLM 400 Point Count

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
112-46 / 13022146-001	Grey Non-Fibrous Homogeneous		100% Other	< 0.25% Chrysotile

Certification

Signature: *Sandra Sobrino*
Date: 9/20/2013

Reviewed: *[Signature]*
Date: 9/20/2013

Page 1 of 1

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Chelsea A. Rawes

From: Sandra C. Sobrino
Sent: Thursday, September 19, 2013 8:28 AM
To: Chelsea A. Rawes; Kaitlyn E. Jones
Subject: FW: SanAir Site Access Information
Follow Up Flag: Follow up
Flag Status: Completed

ABEPA 24 tat on job Ihro130196.00
Samples to be Point Counted: 34 total
102-47 & 48, 1,2, 3 & 4
113-12 & 13,14,15, 16, 17,, 21 22, 23
121- 27, 28, 40 41
124 -17, 18
126 -10, 25, 26
112 - 46
101-39, 40
127-31,35,36,16,17,
123-3,4 composite sample (drywall and joint compound)

From: Melissa Hart [mailto:mhart@ei1.com]
Sent: Thursday, September 19, 2013 5:53 AM
To: Sandra C. Sobrino
Subject: Re: SanAir Site Access Information

Ihro130196.00 yes 24 tat Thanks.

On Sep 18, 2013, at 5:54 PM, "Sandra C. Sobrino" <ssobrino@sanair.com> wrote:

Melissa,

Which job is this for ? and please confirm 24 tat as well.

Sandra Sobrino
ssobrino@sanair.com
Director of asbestos and material science division
SanAir Technologies Laboratory, Inc.
773-454-0773

----- Original message -----

Subject: Fwd: SanAir Site Access Information
From: Dave Burrington <dburrington@sanair.com>
To: "Sandra C. Sobrino" <ssobrino@sanair.com>, "Jonathan G. Tallert" <jtallert@sanair.com>
CC:

Please see below.

9/19/2013

 SEP 19 2013 8:00AM

Dave Burrington
SanAir Technologies Laboratory, Inc.

Sent from my Verizon Wireless 4G LTE DROID

----- Original Message -----

Subject: RE: SanAir Site Access Information
From: Melissa Hart <mhart@ei1.com>
To: Dave Burrington <dburrington@sanair.com>
CC:

Dave,

Samples to be Point Counted: 34 total

102-47 & 48, 1,2, 3 & 4
113-12 & 13,14,15, 16, 17,, 21 22, 23
121- 27, 28, 40 41
124 -17, 18
126 -10, 25, 26
112 - 46
101-39, 40
127-31,35,36,16,17,
123-3,4 composite sample (drywall and joint compound)

From: Dave Burrington [<mailto:dburrington@sanair.com>]
Sent: Wednesday, September 18, 2013 4:44 PM
To: Melissa Hart
Subject: SanAir Site Access Information

Melissa,

You can now login into your SanAir account via <https://www.sanair.net/reports/> using your designated username and password. Our online reporting database will allow for you to do the following:

- 1). View and print out your lab test results in full color format, signed by the analysts
- 2). Print customized chain of custody forms that include your company information already populated in the fields
- 3). Store and archive your reports for future reference
- 4). View and print your invoices as your jobs are reported (Authorization Required - contact customer service for access to online invoices)

*** New Website Feature ***

9/19/2013



SEP 19 2013

B:CO AM

In 3 easy steps, you can now prepare and print FedEx labels to ship your samples to the lab directly from our website. Your company information and SanAir Account number will ensure prompt, next business day shipping.

Your SanAir Account#: 1009

User ID: mhart
Password: melissa1500

If you have any questions, please call 888-895-1177.

Customer Services
SanAir Technologies Laboratory
1551 Oakbridge Drive Suite B
Powhatan VA 23139
Phone: 804-897-1177
Fax: 804-897-0070

9/19/2013

SEP 19 2013 8:00 AM