



WESTERN STATE HOSPITAL HAZARDOUS MATERIALS SURVEY

LAB ANALYSIS BUILDING #124

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/6/2013
Project Name: City Of Staunton
SanAir ID#: 13020625



Certification # 652931



License # LAB0166



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 6, 2013

SanAir ID # 13020625
Project Name: City Of Staunton
Project Number:

Dear Melissa Hart,

We at SanAir would like to thank you for the work you recently submitted. The 28 sample(s) were received on Thursday, September 05, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 124-1, 124-2, 124-3, 124-4, 124-5, 124-6, 124-7, 124-8, 124-9, 124-10, 124-11, 124-12, 124-13, 124-14, 124-15, 124-16, 124-17, 124-18, 124-19, 124-20, 124-21, 124-22, 124-23, 124-24, 124-25, 124-26, 124-27, 124-28.

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:
28 sample(s) in Good condition



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SanAir ID Number

13020625

FINAL REPORT

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

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

Collected Date: 9/4/2013
Received Date: 9/5/2013 10:15:00 AM
Report Date: 9/6/2013 1:15:54 PM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
124-1 / 13020625-001 Floor Tile	Beige Non-Fibrous Homogeneous		98% Other	2% Chrysotile
124-1 / 13020625-001 Mastic	Black Non-Fibrous Homogeneous		97% Other	3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
124-2 / 13020625-002 Floor Tile	Beige Non-Fibrous Homogeneous		98% Other	2% Chrysotile
124-2 / 13020625-002 Mastic	Black Non-Fibrous Homogeneous		97% Other	3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
124-3 / 13020625-003	White Fibrous Homogeneous	65% Min. Wool 10% Cellulose	25% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
124-4 / 13020625-004	White Fibrous Homogeneous	65% Min. Wool 10% Cellulose	25% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
124-5 / 13020625-005	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
124-6 / 13020625-006	White Non-Fibrous Homogeneous	10% Cellulose	90% Other	None Detected

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Signature:

Date: 9/6/2013

Reviewed:

Date: 9/6/2013

Page 1 of 5



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SanAir ID Number

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FINAL REPORT

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Address: 15 Salem Ave SE
Suite 301
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Project Number:
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Project Name: City Of Staunton

Collected Date: 9/4/2013
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Report Date: 9/6/2013 1:15:54 PM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
124-7 / 13020625-007 Cove Base	Black Non-Fibrous Homogeneous		100% Other	None Detected
124-7 / 13020625-007 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected
124-8 / 13020625-008 Cove Base	Black Non-Fibrous Homogeneous		100% Other	None Detected
124-8 / 13020625-008 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected
124-9 / 13020625-009 Cove Base	Grey Non-Fibrous Homogeneous		100% Other	None Detected
124-9 / 13020625-009 Mastic	Brown Non-Fibrous Homogeneous		100% Other	None Detected
124-10 / 13020625-010 Cove Base	Grey Non-Fibrous Homogeneous		100% Other	None Detected
124-10 / 13020625-010 Mastic	Brown Non-Fibrous Homogeneous		100% Other	None Detected
124-11 / 13020625-011	White Non-Fibrous Homogeneous	3% Cellulose	97% Other	None Detected

Certification

Signature:

Date: 9/6/2013

Reviewed:

Date: 9/6/2013

Page 2 of 5



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SanAir ID Number

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FINAL REPORT

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Address: 15 Salem Ave SE
Suite 301
Roanoke, VA 24011

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

Collected Date: 9/4/2013
Received Date: 9/5/2013 10:15:00 AM
Report Date: 9/6/2013 1:15:54 PM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
124-12 / 13020625-012	White Non-Fibrous Homogeneous	3% Cellulose	97% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
124-13 / 13020625-013	Grey Non-Fibrous Homogeneous		70% Other	30% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
124-14 / 13020625-014	Grey Non-Fibrous Homogeneous	10% Min. Wool	90% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
124-15 / 13020625-015	Tan Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
124-16 / 13020625-016	Tan Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
124-17 / 13020625-017	Grey Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
124-18 / 13020625-018	Grey Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile

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Signature:

Date: 9/6/2013

Reviewed:

Date: 9/6/2013

Page 3 of 5



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SanAir ID Number

13020625

FINAL REPORT

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

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

Collected Date: 9/4/2013
Received Date: 9/5/2013 10:15:00 AM
Report Date: 9/6/2013 1:15:54 PM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
124-19 / 13020625-019	Grey Non-Fibrous Homogeneous	15% Cellulose 5% Min. Wool	80% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
124-20 / 13020625-020	White Non-Fibrous Homogeneous		97% Other	3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
124-21 / 13020625-021	White Non-Fibrous Homogeneous		97% Other	3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
124-22 / 13020625-022 Membrane	Black Non-Fibrous Homogeneous		100% Other	None Detected
124-22 / 13020625-022 Roof Core	Black Non-Fibrous Heterogeneous	15% Cellulose	85% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
124-23 / 13020625-023	Black Non-Fibrous Heterogeneous	15% Cellulose	77% Other	8% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
124-24 / 13020625-024	Black Non-Fibrous Heterogeneous	15% Cellulose	85% Other	None Detected

Certification

Signature: 
Date: 9/6/2013

Reviewed: 
Date: 9/6/2013

Page 4 of 5



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SanAir ID Number

13020625

FINAL REPORT

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

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

Collected Date: 9/4/2013
Received Date: 9/5/2013 10:15:00 AM
Report Date: 9/6/2013 1:15:54 PM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
124-25 / 13020625-025	Black Non-Fibrous Heterogeneous	15% Cellulose	85% Other	None Detected
SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
124-26 / 13020625-026	Grey Non-Fibrous Homogeneous		80% Other	20% Chrysotile
SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
124-27 / 13020625-027	Grey Non-Fibrous Homogeneous		80% Other	20% Chrysotile
SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
124-28 / 13020625-028	Grey Non-Fibrous Homogeneous	10% Min. Wool	90% Other	None Detected

Certification

Signature: 
Date: 9/6/2013

Reviewed: 
Date: 9/6/2013

Page 5 of 5

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

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

SanAir ID Number

13020625

Company: <u>ET Group, Inc.</u>		Project #:	Collect by: <u>Stephen Clark</u>
Address: <u>205 Walnut Hills Rd</u>		Project Name: <u>City of Staunton</u>	Phone #:
City, St., Zip: <u>Staunton, VA 24401</u>		Date Collected: <u>9/4/2013</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		
			PLM NY	PLM 600/M4/82/020	☐	ABWA	TEM Wipe ASTM D-6480	☐
			ABEPA2	NY ELAP 198.1	☐	ABDMV	TEM Microvac ASTM D-5755	☐
ABHE	EPA 100.2	☐	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	
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[illegible]

Relinquished by	Date	Time	Received by	Date	Time
<i>[Signature]</i>	9/4/2013	17:00	<i>[Signature]</i>	SEP 05 2013	10:50am

Unless scheduled, the turn around time for all samples received after 7 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.

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/20/2013
Project Name: City Of Staunton ,
Bldg. 124
SanAir ID#: 13022144



804.897.1177

www.sanair.com



SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
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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 # 13022144
Project Name: City Of Staunton , Bldg. 124
Project Number:

Dear Melissa Hart,

We at SanAir would like to thank you for the work you recently submitted. The 2 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): 124-17, 124-18.

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:
2 sample(s) in Good condition



SanAir Technologies Laboratory, Inc.

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Web: <http://www.sanair.com> E-mail: iaq@sanair.com

SanAir ID Number

13022144

FINAL REPORT

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

Project Number:
P.O. Number:
Project Name: City Of Staunton , Bldg. 124

Collected Date: 9/4/2013
Received Date: 9/19/2013 8:00:00 AM
Report Date: 9/20/2013 9:35:58 AM
Analyst: Tallert, Jonathan G.

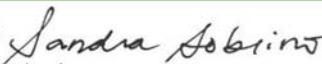
Asbestos Bulk EPA PLM 400 Point Count

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
124-17 / 13022144-001	Grey Non-Fibrous Homogeneous		100% Other	< 0.25% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
124-18 / 13022144-002	Grey Non-Fibrous Homogeneous		99.75% Other	0.25% Chrysotile

Certification

Signature: 
Date: 9/20/2013

Reviewed: 
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 lhro130196.00
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

lhro130196.00 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 8:00 AM

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 E: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 8:00AM