



WESTERN STATE HOSPITAL HAZARDOUS MATERIALS SURVEY

LAB ANALYSIS BUILDING #126

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/12/2013
Project Name: City Of Staunton
Project #: IHRO130196
SanAir ID#: 13021273



Certification # 652931



License # LAB0166



804.897.1177

www.sanair.com



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 12, 2013

SanAir ID # 13021273
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 32 sample(s) were received on Wednesday, September 11, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 126-1, 126-2, 126-3, 126-4, 126-5, 126-6, 126-7, 126-8, 126-9, 126-10, 126-11, 126-12, 126-13, 126-14, 126-15, 126-16, 126-17, 126-18, 126-19, 126-20, 126-21, 126-22, 126-23, 126-24, 126-25, 126-26, 126-27, 126-28, 126-29, 126-30, 126-31, 126-32.

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:
32 sample(s) in Good condition



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SanAir ID Number

13021273

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: 9/10/2013
Received Date: 9/11/2013 10:10:00 AM
Report Date: 9/12/2013 10:59:25 AM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
126-1 / 13021273-001 Floor Tile	Beige Non-Fibrous Homogeneous		100% Other		None Detected
126-1 / 13021273-001 Mastic	Black Non-Fibrous Homogeneous		97% Other		3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
126-2 / 13021273-002 Floor Tile	Beige Non-Fibrous Homogeneous		100% Other		None Detected
126-2 / 13021273-002 Mastic	Black Non-Fibrous Homogeneous		97% Other		3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
126-3 / 13021273-003 Drywall	Off-White Non-Fibrous Homogeneous	< 1% Cellulose < 1% Glass	100% Other		None Detected
126-3 / 13021273-003 Joint Compound	White Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
126-4 / 13021273-004 Drywall	Off-White Non-Fibrous Homogeneous	< 1% Cellulose < 1% Glass	100% Other		None Detected
126-4 / 13021273-004 Joint Compound	White Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
126-5 / 13021273-005	White Fibrous Homogeneous	55% Cellulose 35% Glass	10% Other		None Detected

Certification

Signature: *Susan Childress*
Date: 9/12/2013

Reviewed: *Sandra Sobrin*
Date: 9/12/2013

Page 1 of 6



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SanAir ID Number

13021273

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: 9/10/2013
Received Date: 9/11/2013 10:10:00 AM
Report Date: 9/12/2013 10:59:25 AM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
126-6 / 13021273-006	White Fibrous Homogeneous	55% Cellulose 35% Glass	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
126-7 / 13021273-007 Cove Base	Black Non-Fibrous Homogeneous		100% Other	None Detected
126-7 / 13021273-007 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
126-8 / 13021273-008 Cove Base	Black Non-Fibrous Homogeneous		100% Other	None Detected
126-8 / 13021273-008 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
126-9 / 13021273-009	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
126-10 / 13021273-010	Grey Non-Fibrous Homogeneous		98% Other	2% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
126-11 / 13021273-011 Cove Base	Black Non-Fibrous Homogeneous		100% Other	None Detected
126-11 / 13021273-011 Mastic	Brown Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: *Susan Childress*
Date: 9/12/2013

Reviewed: *Sandra Sobrin*
Date: 9/12/2013

Page 2 of 6



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SanAir ID Number

13021273

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: 9/10/2013
Received Date: 9/11/2013 10:10:00 AM
Report Date: 9/12/2013 10:59:25 AM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
126-12 / 13021273-012 Cove Base	Black Non-Fibrous Homogeneous		100% Other	None Detected
126-12 / 13021273-012 Mastic	Brown Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
126-13 / 13021273-013 Floor Tile	Beige Non-Fibrous Homogeneous		100% Other	None Detected
126-13 / 13021273-013 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
126-14 / 13021273-014 Floor Tile	Beige Non-Fibrous Homogeneous		100% Other	None Detected
126-14 / 13021273-014 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
126-15 / 13021273-015	White Fibrous Homogeneous	55% Cellulose 35% Glass	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
126-16 / 13021273-016	White Fibrous Homogeneous	55% Cellulose 35% Glass	10% Other	None Detected

Certification

Signature: *Susan Childress*
Date: 9/12/2013

Reviewed: *Sandra Sobrin*
Date: 9/12/2013

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SanAir ID Number

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FINAL REPORT

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

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

Collected Date: 9/10/2013
Received Date: 9/11/2013 10:10:00 AM
Report Date: 9/12/2013 10:59:25 AM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
126-17 / 13021273-017	Grey Non-Fibrous Homogeneous	30% Glass	70% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
126-18 / 13021273-018	Grey Non-Fibrous Homogeneous	30% Glass	70% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
126-19 / 13021273-019	Grey Non-Fibrous Homogeneous	30% Glass	70% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
126-20 / 13021273-020	Grey Non-Fibrous Homogeneous	30% Glass	70% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
126-21 / 13021273-021	Grey Non-Fibrous Homogeneous	30% Glass	70% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
126-22 / 13021273-022	Grey Non-Fibrous Homogeneous	30% Glass	70% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
126-23 / 13021273-023	Grey Non-Fibrous Homogeneous	2% Cellulose	98% Other		None Detected

Certification

Signature: *Susan Childress*
Date: 9/12/2013

Reviewed: *Sandra Sobrin*
Date: 9/12/2013

Page 4 of 6



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SanAir ID Number

13021273

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: 9/10/2013
Received Date: 9/11/2013 10:10:00 AM
Report Date: 9/12/2013 10:59:25 AM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
126-24 / 13021273-024	Grey Non-Fibrous Homogeneous	2% Cellulose	98% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
126-25 / 13021273-025	Grey Non-Fibrous Homogeneous		98% Other	2% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
126-26 / 13021273-026	Grey Non-Fibrous Homogeneous		98% Other	2% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
126-27 / 13021273-027	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
126-28 / 13021273-028	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
126-29 / 13021273-029	Black Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
126-30 / 13021273-030	Black Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: *Susan Childress*
Date: 9/12/2013

Reviewed: *Sandra Sobrino*
Date: 9/12/2013

Page 5 of 6



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SanAir ID Number

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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: 9/10/2013
Received Date: 9/11/2013 10:10:00 AM
Report Date: 9/12/2013 10:59:25 AM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
126-31 / 13021273-031	Grey Non-Fibrous Homogeneous	30% Glass	70% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
126-32 / 13021273-032	Grey Non-Fibrous Homogeneous	30% Glass	70% Other	None Detected

Certification

Signature: *Susan Childress*
Date: 9/12/2013

Reviewed: *Sandra Sobino*
Date: 9/12/2013

Page 6 of 6

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

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/20/2013
Project Name: City Of Staunton,
Bldg. 126
Project #: IHRO130196
SanAir ID#: 13022145



Certification # 652931



License # LAB0166



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SanAir Technologies Laboratory, Inc.

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

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

September 20, 2013

SanAir ID # 13022145
Project Name: City Of Staunton, Bldg. 126
Project Number: IHRO130196

Dear Melissa Hart,

We at SanAir would like to thank you for the work you recently submitted. The 3 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): 126-10, 126-25, 126-26.

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:
3 sample(s) in Good condition



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SanAir ID Number

13022145

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. 126

Collected Date: 9/10/2013
Received Date: 9/19/2013 8:00:00 AM
Report Date: 9/20/2013 10:03:00 AM
Analyst: Childress, Susan

Asbestos Bulk EPA PLM 400 Point Count

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
126-10 / 13022145-001	Grey Non-Fibrous Homogeneous		100%	Other	< 0.25% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
126-25 / 13022145-002	Grey Non-Fibrous Homogeneous		100%	Other	< 0.25% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
126-26 / 13022145-003	Grey Non-Fibrous Homogeneous		100%	Other	< 0.25% Chrysotile

Certification

Signature: *Susan Childress*
Date: 9/20/2013

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

Page 1 of 1

Disclaimer

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208 Walnut Hills Road • Staunton, VA 24401 • Tel: (540) 337-3740 • Fax: (540) 337-9075
Email: mhart@ei1.com • Online: www.ei1.com

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 8:00 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

8:00 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