



WESTERN STATE HOSPITAL HAZARDOUS MATERIALS SURVEY

LAB ANALYSIS BUILDING #101

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#: 13020893



NVLAP LAB CODE 200870-0



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 9, 2013

SanAir ID # 13020893
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 45 sample(s) were received on Friday, September 06, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 101-1, 101-2, 101-3, 101-4, 101-5, 101-6, 101-7, 101-8, 101-9, 101-10, 101-11, 101-12, 101-13, 101-14, 101-15, 101-16, 101-17, 101-18, 101-19, 101-20, 101-21, 101-22, 101-23, 101-24, 101-25, 101-26, 101-27, 101-28, 101-29, 101-30, 101-31, 101-32, 101-33, 101-34, 101-35, 101-36, 101-37, 101-38, 101-39, 101-40, 101-41, 101-42, 101-43, 101-44, 101-45.

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:
45 sample(s) in Good condition



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SanAir ID Number

13020893

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 2:11:18 PM
Analyst: Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
101-1 / 13020893-001 Floor Tile	White Non-Fibrous Homogeneous		100% Other	None Detected
101-1 / 13020893-001 Mastic	Black Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
101-2 / 13020893-002 Floor Tile	White Non-Fibrous Homogeneous		100% Other	None Detected
101-2 / 13020893-002 Mastic	Black Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
101-3 / 13020893-003	White Fibrous Homogeneous	60% Cellulose 15% Glass 15% Min. Wool	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
101-4 / 13020893-004	White Fibrous Homogeneous	60% Cellulose 15% Glass 15% Min. Wool	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
101-5 / 13020893-005	White Fibrous Homogeneous	60% Cellulose 15% Glass 15% Min. Wool	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
101-6 / 13020893-006	Tan Non-Fibrous Homogeneous		100% Other	None Detected

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Signature: 
Date: 9/9/2013

Reviewed: 
Date: 9/9/2013

Page 1 of 8



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Analyst: Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
101-7 / 13020893-007	Tan Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
101-8 / 13020893-008	White Fibrous Homogeneous	95% Glass	5% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
101-9 / 13020893-009	White Fibrous Homogeneous	95% Glass	5% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
101-10 / 13020893-010	Brown Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
101-11 / 13020893-011	Brown Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
101-12 / 13020893-012 Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
101-12 / 13020893-012 Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected

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Signature: 
Date: 9/9/2013

Reviewed: 
Date: 9/9/2013

Page 2 of 8



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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 2:11:18 PM
Analyst: Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components % Non-Fibrous	Asbestos Fibers
101-13 / 13020893-013 Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
101-13 / 13020893-013 Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected
101-14 / 13020893-014	Black Non-Fibrous Homogeneous		100% Other	None Detected
101-15 / 13020893-015	Black Non-Fibrous Homogeneous		100% Other	None Detected
101-16 / 13020893-016	Red Non-Fibrous Homogeneous		100% Other	None Detected
101-17 / 13020893-017	Red Non-Fibrous Homogeneous		100% Other	None Detected
101-18 / 13020893-018	Grey Fibrous Homogeneous	25% Cellulose	5% Other	60% Chrysotile 10% Amosite

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Signature: 
Date: 9/9/2013

Reviewed: 
Date: 9/9/2013

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Address: 15 Salem Ave SE
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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 2:11:18 PM
Analyst: Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
101-19 / 13020893-019 Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
101-19 / 13020893-019 Skim Coat	Pink Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
101-20 / 13020893-020 Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
101-20 / 13020893-020 Skim Coat	Pink Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
101-21 / 13020893-021	Black Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
101-22 / 13020893-022	Black Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
101-23 / 13020893-023	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
101-24 / 13020893-024	Grey Non-Fibrous Homogeneous		100% Other	None Detected

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Signature: 
Date: 9/9/2013

Reviewed: 
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Project Name: City Of Staunton

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Report Date: 9/9/2013 2:11:18 PM
Analyst: Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
101-25 / 13020893-025	Grey Non-Fibrous Homogeneous		97% Other		3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
101-26 / 13020893-026	Grey Non-Fibrous Homogeneous		97% Other		3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
101-27 / 13020893-027	Various Fibrous Homogeneous	70% Cellulose	20% Other		10% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
101-28 / 13020893-028	White Fibrous Homogeneous		30% Other		60% Chrysotile 10% Amosite

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
101-29 / 13020893-029 Cove Base	Brown Non-Fibrous Homogeneous		100% Other		None Detected
101-29 / 13020893-029 Mastic	Cream Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
101-30 / 13020893-030 Cove Base	Brown Non-Fibrous Homogeneous		100% Other		None Detected
101-30 / 13020893-030 Mastic	Cream Non-Fibrous Homogeneous		100% Other		None Detected

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Signature: 
Date: 9/9/2013

Reviewed: 
Date: 9/9/2013

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SanAir ID Number

13020893

FINAL REPORT

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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 2:11:18 PM
Analyst: Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
101-31 / 13020893-031	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
101-32 / 13020893-032	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
101-33 / 13020893-033	White Fibrous Homogeneous	95% Glass	5% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
101-34 / 13020893-034	White Fibrous Homogeneous	95% Glass	5% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
101-35 / 13020893-035	White Fibrous Homogeneous	40% Cellulose 40% Min. Wool	20% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
101-36 / 13020893-036	White Fibrous Homogeneous	40% Cellulose 40% Min. Wool	20% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
101-37 / 13020893-037	White Fibrous Homogeneous	40% Cellulose 40% Min. Wool	20% Other	None Detected

Certification

Signature: 
Date: 9/9/2013

Reviewed: 
Date: 9/9/2013

Page 6 of 8



SanAir Technologies Laboratory, Inc.

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SanAir ID Number

13020893

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 2:11:18 PM
Analyst: Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
101-38 / 13020893-038	White Fibrous Homogeneous	40% Cellulose 40% Min. Wool	20% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
101-39 / 13020893-039	Brown Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
101-40 / 13020893-040	Brown Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
101-41 / 13020893-041	Grey Fibrous Homogeneous		50% Other	50% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
101-42 / 13020893-042	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
101-43 / 13020893-043	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
101-44 / 13020893-044	Grey Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: 
Date: 9/9/2013

Reviewed: 
Date: 9/9/2013

Page 7 of 8



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SanAir ID Number

13020893

FINAL REPORT

Name: El Group, Inc Roanoke Office
Address: 15 Salem Ave SE
Suite 301
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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 2:11:18 PM
Analyst: Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
101-45 / 13020893-045	Grey Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: 
Date: 9/9/2013

Reviewed: 
Date: 9/9/2013

Page 8 of 8

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: 9/12/2013
Project Name: Western State Hosp.
Project #: IHRO130196.00
SanAir ID#: 13021267



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

September 12, 2013

SanAir ID # 13021267
Project Name: Western State Hosp.
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 Wednesday, September 11, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 101-46, 101-47, 101-48, 101-49.

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

13021267

FINAL REPORT

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

Project Number: IHRO130196.00
P.O. Number:
Project Name: Western State Hosp.

Collected Date: 9/10/2013
Received Date: 9/11/2013 10:10:00 AM
Report Date: 9/12/2013 9:42:29 AM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
101-46 / 13021267-001	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
101-47 / 13021267-002	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
101-48 / 13021267-003	Black Non-Fibrous Homogeneous	20% Cellulose	80% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
101-49 / 13021267-004	Black Non-Fibrous Homogeneous	20% Cellulose	80% Other	None Detected

Certification

Signature: 
Date: 9/12/2013

Reviewed: 
Date: 9/12/2013

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

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www.sanair.com

Asbestos Chain of Custody

SanAir ID Number

13021267

Company: <u>The E1 Group - Staunton</u>		Project #: <u>11A0130196.00</u>	Collect by:
Address:		Project Name: <u>Western State Hosp</u>	Phone #:
City, St., Zip:		Date Collected: <u>9-10-13</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/MA/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 Email results to mhart@ei1.com

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop
101-46					
↓					
101-49					

Relinquished by	Date	Time	Received by	Date	Time
<u>[Signature]</u>	<u>9-10-13</u>		<u>[Signature]</u>	<u>SEP 11 2013</u>	<u>10:10 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: Western State
Hospital (Bldg 101)
Project #: IHRO130196
SanAir ID#: 13021562



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 16, 2013

SanAir ID # 13021562
Project Name: Western State Hospital (Bldg 101)
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 Friday, September 13, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 101-50.

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



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SanAir ID Number

13021562

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: Western State Hospital (Bldg 101)
Collected Date: 9/12/2013
Received Date: 9/13/2013 10:20:00 AM
Report Date: 9/16/2013 8:48:21 AM
Analyst: Sobrino, Sandra

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
101-50 / 13021562-001	White 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

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: 9/23/2013
Project Name: City Of Staunton
Project #: IHRO130196.00
SanAir ID#: 13022316



NVLAP LAB CODE 200870-0



Certification # 652931



License # LAB0166



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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 23, 2013

SanAir ID # 13022316
Project Name: City Of Staunton
Project Number: IHRO130196.00

Dear Melissa Hart,

We at SanAir would like to thank you for the work you recently submitted. The 2 sample(s) were received on Friday, September 20, 2013 via Fax or Email request. The final report(s) is enclosed for the following sample(s): 101-39, 101-40.

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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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

13022316

FINAL REPORT

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

Project Number: IHRO130196.00
P.O. Number:
Project Name: City Of Staunton

Collected Date: 9/5/2013
Received Date: 9/20/2013 10:00:00 AM
Report Date: 9/23/2013 2:35:47 PM
Analyst: Sobrino, Sandra

Asbestos Bulk EPA PLM NOB

Sanair ID / Description	Appearance	% Fibrous	% Non Fibrous	Asbestos Types	% Total Asbestos
13022316-001 / 101-39	Brown Non-Fibrous Homogeneous		100 %	Chrysotile	<0.25%
Sanair ID / Description	Appearance	% Fibrous	% Non Fibrous	Asbestos Types	% Total Asbestos
13022316-002 / 101-40	Brown Non-Fibrous Homogeneous		100 %	Chrysotile	<0.25%

Certification

Signature: *Sandra Sobrino*
Date: 9/23/2013

Reviewed: *[Signature]*
Date: 9/23/2013

Page 1 of 1

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804-697-1177 / 888-895-1177 / Fax 804-697-0070
www.sanair.com

SanAir ID Number

13022316

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	☐
			ABENY	NY ELAP 198.6 PLM NOB	☐	Matrix	Other	
ABHE	EPA 100.2	☐	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>	9/5/13	11:00	<i>[Signature]</i>	SEP 06 2013	10:20am

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

Kaitlyn E. Jones

From: Sandra C. Sobrino
Sent: Friday, September 20, 2013 10:47 AM
To: IAQ Forward; Chelsea A. Rawes
Subject: ABBEN - 24 hr tat
Please log in for ABBEN 24 hr tat.

102- 1, 2, 3, 4 (13021001)
113-21 (13020621)
121- 40, 41 (13020619)
101-39,40 (13020893)
127-35, 36,16, 17 (13020894)

Thank you
Sandra Sobrino

From: Melissa Hart [mailto:mhart@ei1.com]
Sent: Friday, September 20, 2013 10:41 AM
To: Sandra C. Sobrino
Subject: Re: Point count analysis - please reply

Please proceed Sandra thank you Melissa

On Sep 20, 2013, at 9:26 AM, "Sandra C. Sobrino" <ssobrino@sanair.com> wrote:

Re: IHRO130196.00

Hello Melissa,

You have requested 400 point count on NOB material but we can not perform point count analysis on this type of material. We do offer PLM NOB with 400 point analysis for non-friable material (test code ABBEN). Please let me know how you wish to proceed with these samples. Our quickest tat is 24 hours.

This affects samples:

SanAir ID
102- 1, 2, 3, 4 (13021001)
113-21 (13020621)
121- 40, 41 (13020619)
101-39,40 (13020893)
127-35, 36,16, 17 (13020894)

Sandra Sobrino
Laboratory Director
Asbestos and Material Science Division
SanAir Technologies Laboratory
1551 Oakbridge Drive, Suite B
Powhatan, VA 23139

ssobrino@sanair.com
804.897.1177 Office
804.897.0070 Fax
804.467.3477 cell

9/20/2013

From: Sandra C. Sobrino
Sent: Wednesday, September 18, 2013 5:54 PM
To: mhart@ei1.com
Subject: Fwd: SanAir Site Access Information

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.

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,

9/20/2013

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 ***

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

9/20/2013