

Lab Analysis - Building 101 - Western State.pdf

Lab Analysis - Building 102 - Western State.pdf

Lab Analysis - Building 103 - Western State.pdf

Lab Analysis - Building 107 - Western State.pdf

Lab Analysis - Building 112 - Western State.pdf

Lab Analysis - Building 113 - Western State.pdf

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Lab Analysis - Summary Report IHRO130196 00 Western State.pdf



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



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

Certification

Signature: 
Date: 9/9/2013

Reviewed: 
Date: 9/9/2013

Page 1 of 8



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

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	
101-7 / 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

Certification

Signature: 
Date: 9/9/2013

Reviewed: 
Date: 9/9/2013

Page 2 of 8



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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

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 % 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

Certification

Signature: 
Date: 9/9/2013

Reviewed: 
Date: 9/9/2013

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804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
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SanAir ID Number

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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	
101-19 / 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

Certification

Signature: 
Date: 9/9/2013

Reviewed: 
Date: 9/9/2013

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804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
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FINAL REPORT

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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		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

Certification

Signature: 
Date: 9/9/2013

Reviewed: 
Date: 9/9/2013

Page 5 of 8



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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

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	
101-31 / 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.

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

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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1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
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13020893

FINAL REPORT

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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



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 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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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

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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804-897-1177 / 888-895-1177 / Fax 804-897-0070
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	<u>Email results to mhart@ei1.com</u>
----------------------	---------------------------------------

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



SanAir Technologies Laboratory, Inc.

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

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

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SanAir ID Number

13021562

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	☐				Dust		
ABBTM	TEM EPA NOB	☐	New York ELAP			ABWA	TEM Wipe ASTM D-6480	☐
			PLM NY	PLM 600/M4/82/C20	☐	ABDMV	TEM Microvac ASTM D-5755	☐
			ABEPA2	NY ELAP 198.1	☐			
			ABENY	NY ELAP 198.6 PLM NOB	☐	Matrix	Other	
			ABBNY	NY ELAP 198.4 TEM NOB	☐			
Water								
ABHE	EPA 100.2	☐						

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

[illegible]

Relinquished by	Date	Time	Received by	Date	Time
				SEP 13 2013	10:20 AM

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.

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



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 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

Disclaimer

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SanAir ID Number

13620893

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.

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



WESTERN STATE HOSPITAL HAZARDOUS MATERIALS SURVEY

LAB ANALYSIS BUILDING #102

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/10/2013
Project Name: Western State (Bldg
102)
Project #: IHRO130196.00
SanAir ID#: 13021001



804.897.1177

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

September 10, 2013

SanAir ID # 13021001
Project Name: Western State (Bldg 102)
Project Number: IHRO130196.00

Dear Melissa Hart,

We at SanAir would like to thank you for the work you recently submitted. The 52 sample(s) were received on Monday, September 09, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 102-1, 102-2, 102-3, 102-4, 102-5, 102-6, 102-7, 102-8, 102-9, 102-10, 102-11, 102-12, 102-13, 102-14, 102-15, 102-16, 102-17, 102-18, 102-19, 102-20, 102-21, 102-22, 102-23, 102-24, 102-25, 102-26, 102-27, 102-28, 102-29, 102-30, 102-31, 102-32, 102-33, 102-34, 102-35, 102-36, 102-37, 102-38, 102-39, 102-40, 102-41, 102-42, 102-43, 102-44, 102-45, 102-46, 102-47, 102-48, 102-49, 102-50, 102-51, 102-52.

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



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

13021001

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 (Bldg 102)

Collected Date: 9/6/2013
Received Date: 9/9/2013 9:55:00 AM
Report Date: 9/10/2013 1:00:02 PM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
102-1 / 13021001-001 Tread	Grey Non-Fibrous Homogeneous		98% Other	2% Chrysotile
102-1 / 13021001-001 Mastic	Cream Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
102-2 / 13021001-002 Tread	Grey Non-Fibrous Homogeneous		98% Other	2% Chrysotile
102-2 / 13021001-002 Mastic	Cream Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
102-3 / 13021001-003	Grey Non-Fibrous Homogeneous		98% Other	2% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
102-4 / 13021001-004	Grey Non-Fibrous Homogeneous		98% Other	2% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
102-5 / 13021001-005 Cove Base	Brown Non-Fibrous Homogeneous		100% Other	None Detected
102-5 / 13021001-005 Mastic	Cream Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: 
Date: 9/10/2013

Reviewed: 
Date: 9/10/2013

Page 1 of 10



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SanAir ID Number

13021001

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 (Bldg 102)

Collected Date: 9/6/2013
Received Date: 9/9/2013 9:55:00 AM
Report Date: 9/10/2013 1:00:02 PM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-6 / 13021001-006 Cove Base	Brown Non-Fibrous Homogeneous		100% Other	None Detected
102-6 / 13021001-006 Mastic	Cream Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-7 / 13021001-007 Floor Tile	Beige Non-Fibrous Homogeneous		100% Other	None Detected
102-7 / 13021001-007 Mastic	Black Non-Fibrous Homogeneous		97% Other	3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-8 / 13021001-008 Floor Tile	Beige Non-Fibrous Homogeneous		100% Other	None Detected
102-8 / 13021001-008 Mastic	Black Non-Fibrous Homogeneous		97% Other	3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-9 / 13021001-009 Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
102-9 / 13021001-009 Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-10 / 13021001-010 Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
102-10 / 13021001-010 Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: 
Date: 9/10/2013

Reviewed: 
Date: 9/10/2013

Page 2 of 10



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

13021001

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 (Bldg 102)

Collected Date: 9/6/2013
Received Date: 9/9/2013 9:55:00 AM
Report Date: 9/10/2013 1:00:02 PM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-11 / 13021001-011	Brown Non-Fibrous Homogeneous		100% Other	None Detected
102-12 / 13021001-012	Brown Non-Fibrous Homogeneous		100% Other	None Detected
102-13 / 13021001-013	White Non-Fibrous Homogeneous		100% Other	None Detected
102-14 / 13021001-014	White Non-Fibrous Homogeneous		100% Other	None Detected
102-15 / 13021001-015	White Fibrous Homogeneous	40% Cellulose 40% Min. Wool	20% Other	None Detected
102-16 / 13021001-016	White Fibrous Homogeneous	40% Cellulose 40% Min. Wool	20% Other	None Detected
102-17 / 13021001-017 Tread	Red Non-Fibrous Homogeneous		100% Other	None Detected
102-17 / 13021001-017 Mastic	Black Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: 

Date: 9/10/2013

Reviewed: 

Date: 9/10/2013

Page 3 of 10



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

13021001

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 (Bldg 102)

Collected Date: 9/6/2013
Received Date: 9/9/2013 9:55:00 AM
Report Date: 9/10/2013 1:00:02 PM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-18 / 13021001-018 Tread	Red Non-Fibrous Homogeneous		100% Other	None Detected
102-18 / 13021001-018 Mastic	Black Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-19 / 13021001-019 Floor Tile	Brown Non-Fibrous Homogeneous		100% Other	None Detected
102-19 / 13021001-019 Mastic	Black Non-Fibrous Homogeneous		97% Other	3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-20 / 13021001-020 Floor Tile	Brown Non-Fibrous Homogeneous		100% Other	None Detected
102-20 / 13021001-020 Mastic	Black Non-Fibrous Homogeneous		97% Other	3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-21 / 13021001-021	White Fibrous Homogeneous	40% Cellulose 40% Min. Wool	20% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-22 / 13021001-022	White Fibrous Homogeneous	40% Cellulose 40% Min. Wool	20% Other	None Detected

Certification

Signature: 
Date: 9/10/2013

Reviewed: 
Date: 9/10/2013

Page 4 of 10



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

13021001

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 (Bldg 102)

Collected Date: 9/6/2013
Received Date: 9/9/2013 9:55:00 AM
Report Date: 9/10/2013 1:00:02 PM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-23 / 13021001-023 Ceiling Tile	White Fibrous Homogeneous	98% Glass	2% Other	None Detected
102-23 / 13021001-023 Glue	Brown Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-24 / 13021001-024 Ceiling Tile	White Fibrous Homogeneous	98% Glass	2% Other	None Detected
102-24 / 13021001-024 Glue	Brown Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-25 / 13021001-025 Drywall	White Non-Fibrous Homogeneous	10% Cellulose	90% Other	None Detected
102-25 / 13021001-025 Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-26 / 13021001-026 Drywall	White Non-Fibrous Homogeneous	10% Cellulose	90% Other	None Detected
102-26 / 13021001-026 Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-27 / 13021001-027	White Fibrous Homogeneous	40% Cellulose 40% Min. Wool	20% Other	None Detected

Certification

Signature: 
Date: 9/10/2013

Reviewed: 
Date: 9/10/2013

Page 5 of 10



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

13021001

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 (Bldg 102)

Collected Date: 9/6/2013
Received Date: 9/9/2013 9:55:00 AM
Report Date: 9/10/2013 1:00:02 PM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-28 / 13021001-028	White Fibrous Homogeneous	40% Cellulose 40% Min. Wool	20% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-29 / 13021001-029 Cove Base	Grey Non-Fibrous Homogeneous		100% Other	None Detected
102-29 / 13021001-029 Mastic	Cream Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-30 / 13021001-030 Cove Base	Grey Non-Fibrous Homogeneous		100% Other	None Detected
102-30 / 13021001-030 Mastic	Cream Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-31 / 13021001-031 Floor Tile	Beige Non-Fibrous Homogeneous		100% Other	None Detected
102-31 / 13021001-031 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-32 / 13021001-032 Floor Tile	Beige Non-Fibrous Homogeneous		100% Other	None Detected
102-32 / 13021001-032 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: 
Date: 9/10/2013

Reviewed: 
Date: 9/10/2013

Page 6 of 10



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

13021001

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 (Bldg 102)

Collected Date: 9/6/2013
Received Date: 9/9/2013 9:55:00 AM
Report Date: 9/10/2013 1:00:02 PM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-33 / 13021001-033	Grey Non-Fibrous Homogeneous	10% Min. Wool	90% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-34 / 13021001-034	Grey Non-Fibrous Homogeneous	10% Min. Wool	90% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-35 / 13021001-035 Ceiling Tile	White Fibrous Homogeneous	40% Cellulose 40% Min. Wool	20% Other	None Detected
102-35 / 13021001-035 Glue	Brown Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-36 / 13021001-036 Ceiling Tile	White Fibrous Homogeneous	40% Cellulose 40% Min. Wool	20% Other	None Detected
102-36 / 13021001-036 Glue	Brown Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-37 / 13021001-037 Ceiling Tile	White Fibrous Homogeneous	40% Cellulose 40% Min. Wool	20% Other	None Detected
102-37 / 13021001-037 Glue	Brown Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: 
Date: 9/10/2013

Reviewed: 
Date: 9/10/2013

Page 7 of 10



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

13021001

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 (Bldg 102)

Collected Date: 9/6/2013
Received Date: 9/9/2013 9:55:00 AM
Report Date: 9/10/2013 1:00:02 PM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-38 / 13021001-038 Ceiling Tile	White	40% Cellulose	20% Other	None Detected
	Fibrous	40% Min. Wool		
	Homogeneous			
102-38 / 13021001-038 Glue	Brown		100% Other	None Detected
	Non-Fibrous			
	Homogeneous			

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-39 / 13021001-039 Floor Tile	White		100% Other	None Detected
	Non-Fibrous			
	Homogeneous			
102-39 / 13021001-039 Mastic	Black		95% Other	5% Chrysotile
	Non-Fibrous			
	Homogeneous			

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-40 / 13021001-040 Floor Tile	White		100% Other	None Detected
	Non-Fibrous			
	Homogeneous			
102-40 / 13021001-040 Mastic	Black		95% Other	5% Chrysotile
	Non-Fibrous			
	Homogeneous			

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-41 / 13021001-041	Grey		100% Other	None Detected
	Non-Fibrous			
	Homogeneous			

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-42 / 13021001-042	Grey		100% Other	None Detected
	Non-Fibrous			
	Homogeneous			

Certification

Signature: 
Date: 9/10/2013

Reviewed: 
Date: 9/10/2013

Page 8 of 10



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

13021001

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 (Bldg 102)

Collected Date: 9/6/2013
Received Date: 9/9/2013 9:55:00 AM
Report Date: 9/10/2013 1:00:02 PM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-43 / 13021001-043	Black Non-Fibrous Homogeneous		100% Other	None Detected
102-44 / 13021001-044	Black Non-Fibrous Homogeneous		100% Other	None Detected
102-45 / 13021001-045	Grey Non-Fibrous Homogeneous		100% Other	None Detected
102-46 / 13021001-046	Grey Non-Fibrous Homogeneous		100% Other	None Detected
102-47 / 13021001-047	Grey Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile
102-48 / 13021001-048	Grey Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile
102-49 / 13021001-049	White Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: 
Date: 9/10/2013

Reviewed: 
Date: 9/10/2013

Page 9 of 10



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

13021001

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 (Bldg 102)

Collected Date: 9/6/2013
Received Date: 9/9/2013 9:55:00 AM
Report Date: 9/10/2013 1:00:02 PM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-50 / 13021001-050	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-51 / 13021001-051	Grey Non-Fibrous Homogeneous		90% Other	10% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-52 / 13021001-052	Grey Non-Fibrous Homogeneous		90% Other	10% Chrysotile

Certification

Signature: 
Date: 9/10/2013

Reviewed: 
Date: 9/10/2013

Page 10 of 10

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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

1302100

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/12/2013
Project Name: Western State
Hospital
Project #: IHRO130196.00
SanAir ID#: 13021265



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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 12, 2013

SanAir ID # 13021265
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 2 sample(s) were received on Wednesday, September 11, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 102-53, 102-54.

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

13021265

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 Hospital
Collected Date: 9/10/2013
Received Date: 9/11/2013 10:10:00 AM
Report Date: 9/12/2013 8:57:52 AM
Analyst: Sobrino, Sandra

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-53 / 13021265-001	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-54 / 13021265-002	White Non-Fibrous Homogeneous		100% Other	None Detected

Certification

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

Reviewed: *[Signature]*
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

SanAir Technologies Laboratory, Inc.

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www.sanair.com

Asbestos Chain of Custody

SanAir ID Number

13021265

Company: <u>The E1 Group - Staunton</u>	Project #: <u>1410130196.00</u>	Collect by:
Address:	Project Name: <u>Western State Hospital</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%) ☐
ABBN	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	<u>Email results to mhart@e1.com</u>
----------------------	--------------------------------------

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop
102-53					
102-54					

Relinquished by	Date	Time	Received by	Date	Time
<u>Dan K</u>	<u>9-10-13</u>	<u>1:00</u>	<u>CP</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 102)
Project #: IHRO130196
SanAir ID#: 13021563



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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 # 13021563
Project Name: Western State Hospital (Bldg 102)
Project Number: IHRO130196

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 13, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 102-55, 102-56.

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:
2 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

13021563

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 102)
Collected Date: 9/12/2013
Received Date: 9/13/2013 10:20:00 AM
Report Date: 9/16/2013 9:49:28 AM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-55 / 13021563-001	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-56 / 13021563-002	Grey Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature:

Date: 9/16/2013

Reviewed:

Date: 9/16/2013

Page 1 of 1

Disclaimer

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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: Western State (Bldg
102)
Project #: IHRO130196.00
SanAir ID#: 13022141



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SanAir Technologies Laboratory, Inc.

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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 # 13022141
Project Name: Western State (Bldg 102)
Project Number: IHRO130196.00

Dear Melissa Hart,

We at SanAir would like to thank you for the work you recently submitted. The 6 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): 102-47, 102-48, 102-1, 102-2, 102-3, 102-4.

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:
6 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

13022141

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 (Bldg 102)
Collected Date: 9/6/2013
Received Date: 9/19/2013 8:00:00 AM
Report Date: 9/20/2013 11:12:24 AM
Analyst: Tallert, Jonathan G.

Asbestos Bulk EPA PLM 400 Point Count

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-47 / 13022141-001	Grey Non-Fibrous Homogeneous		100% Other	< 0.25% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
102-48 / 13022141-002	Grey Non-Fibrous Homogeneous		100% Other	< 0.25% Chrysotile

Certification

Signature:

Date: 9/20/2013

Reviewed:

Date: 9/20/2013

Page 1 of 1

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13021001

Relinquished by	Date	Time	Received by	Date	Time
				SEP 09 2013	9:55 AM

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 8:00AM

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/23/2013
Project Name: Western State (Bldg
102)
Project #: IHRO130196.00
SanAir ID#: 13022311



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 23, 2013

SanAir ID # 13022311
Project Name: Western State (Bldg 102)
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 Friday, September 20, 2013 via Fax or Email request. The final report(s) is enclosed for the following sample(s): 102-1, 102-2, 102-3, 102-4.

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

13022311

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 (Bldg 102)

Collected Date: 9/6/2013
Received Date: 9/20/2013 10:00:00 AM
Report Date: 9/23/2013 1:13:37 PM
Analyst: Sobrino, Sandra

Asbestos Bulk EPA PLM NOB

Sanair ID / Description	Appearance	% Fibrous	% Non Fibrous	Asbestos Types	% Total Asbestos
13022311-001 / 102-1	Grey Non-Fibrous Homogeneous		97.8 %	Chrysotile	2.2 %
13022311-002 / 102-2	Grey Non-Fibrous Homogeneous		92.1 %	Chrysotile	7.9 %
13022311-003 / 102-3	Grey Non-Fibrous Homogeneous		99.6 %	Chrysotile	0.4 %
13022311-004 / 102-4	Grey Non-Fibrous Homogeneous		99.2 %	Chrysotile	0.8 %

Certification

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

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

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, AIHA or any other agency of the U.S. government; *and may not be certified by every local, state and federal regulatory agencies.*

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804-897-1177 / 888-895-1177 / Fax 804-897-0070
www.sanair.com

Asbestos
Chain of Custody

SanAir ID Number

13021001

13022311

Company: <u>The E-1 Group Staunton</u>		Project #: <u>HA01301001</u>		Collect by:
Address:		Project Name: <u>Western State Prison</u>		Phone #:
City, St., Zip:		Date Collected: <u>9-6-13</u>		Fax #:
State of Collection:		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%) ☐
ABBTk	PLM EPA 1000 Point Count ☐	ABATN	TEM NIOSH 7402 ☐	ABSP2	PLM CARB 435 (LOD 0.1%) ☐
ABBN	PLM EPA NOB ☐	ABT2	TEM Level II ☐		
ABBCH	TEM Chatfield ☐				
ABBTM	TEM EPA NOB ☐				
		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
		ABBNY	NY ELAP 198.4 TEM NOB ☐		

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

Special Instructions	<u>Email results to mhart@ei1.com</u>
----------------------	---------------------------------------

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop
102-1					
102-52					

Relinquished by	Date	Time	Received by	Date	Time
			<u>CP</u>	SEP 09 2013	9:55 AM

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 ___

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



WESTERN STATE HOSPITAL HAZARDOUS MATERIALS SURVEY

LAB ANALYSIS BUILDING #103

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/10/2013
Project Name: Wstn State Hosp Bldg
103
Project #: 196
SanAir ID#: 13021162



804.897.1177

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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 10, 2013

SanAir ID # 13021162
Project Name: Wstn State Hosp Bldg 103
Project Number: 196

Dear Melissa Hart,

We at SanAir would like to thank you for the work you recently submitted. The 8 sample(s) were received on Tuesday, September 10, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 103-001, 103-002, 103-003, 103-004, 103-005, 103-006, 103-007, 103-008.

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:
8 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

13021162

FINAL REPORT

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

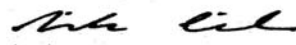
Project Number: 196
P.O. Number:
Project Name: Wstn State Hosp Bldg 103

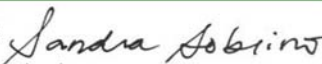
Collected Date: 9/9/2013
Received Date: 9/10/2013 9:30:00 AM
Report Date: 9/10/2013 4:42:06 PM
Analyst: Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
103-001 / 13021162-001 Bur	Brown Non-Fibrous Homogeneous		100% Other		None Detected
103-002 / 13021162-002 Bur	Brown Non-Fibrous Homogeneous		100% Other		None Detected
103-003 / 13021162-003 Roof Flashing	Black Non-Fibrous Homogeneous		97% Other		3% Chrysotile
103-004 / 13021162-004 Roof Flashing	Black Non-Fibrous Homogeneous		98% Other		2% Chrysotile
103-005 / 13021162-005 Slate Mastic	Black Non-Fibrous Homogeneous		100% Other		None Detected
103-006 / 13021162-006 Slate Mastic	Black Non-Fibrous Homogeneous		100% Other		None Detected
103-007 / 13021162-007 Ext Edge Caulk	Grey Non-Fibrous Homogeneous		100% Other		None Detected

Certification

Signature: 
Date: 9/10/2013

Reviewed: 
Date: 9/10/2013

Page 1 of 2



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

13021162

FINAL REPORT

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

Project Number: 196
P.O. Number:
Project Name: Wstn State Hosp Bldg 103

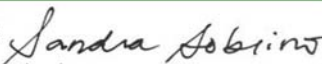
Collected Date: 9/9/2013
Received Date: 9/10/2013 9:30:00 AM
Report Date: 9/10/2013 4:42:06 PM
Analyst: Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-008 / 13021162-008 Ext Edge Caulk	Grey Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: 
Date: 9/10/2013

Reviewed: 
Date: 9/10/2013

Page 2 of 2

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, Inc.

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804-897-1177 / 888-895-1177 / Fax 804-897-0070
www.sanair.com

Asbestos Chain of Custody

SanAir ID Number 13021162
Company: EE
Project #: 196
Collect by: V. nls
Project Name: WSTA State Hesp
Phone #:
Date Collected: Bldg 103
Fax #:
P.O. Number: 9-9-13
Email:

Company: EE	Project #: 196	Collect by: V. nls
Address:	Project Name: WSTA State Hesp	Phone #:
City, St., Zip:	Date Collected: Bldg 103	Fax #:
State of Collection:	P.O. Number: 9-9-13	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 ☐		
		ABBNY	NY ELAP 198.4 TEM NOB ☐	Matrix	Other ☐

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

Special Instructions

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop
103-001	↑ RUF				
002	↑ "				
003	↑ Roof flashing				
004	↑ "				
005	↑ Black state master				
006	↑ " " "				
007	↑ EXT edge caulk				
008	↑ " " "				

Relinquished by	Date	Time	Received by	Date	Time
			CR	SEP 10 2013	9:30 AM

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: 9/13/2013
Project Name: Western State
Hospital
Project #: IHRO130196.00
SanAir ID#: 13021439



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 13, 2013

SanAir ID # 13021439
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 48 sample(s) were received on Thursday, September 12, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 103-9, 103-10, 103-11, 103-12, 103-13, 103-14, 103-15, 103-16, 103-17, 103-18, 103-19, 103-20, 103-21, 103-22, 103-23, 103-24, 103-25, 103-26, 103-27, 103-28, 103-29, 103-30, 103-31, 103-32, 103-33, 103-34, 103-35, 103-36, 103-37, 103-38, 103-39, 103-40, 103-41, 103-42, 103-43, 103-44, 103-45, 103-46, 103-47, 103-48, 103-49, 103-50, 103-51, 103-52, 103-53, 103-54, 103-55, 103-56.

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:

48 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

13021439

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 Hospital

Collected Date: 9/11/2013
Received Date: 9/12/2013 10:00:00 AM
Report Date: 9/13/2013 12:42:34 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-9 / 13021439-001	White Fibrous Homogeneous	55% Cellulose 35% Glass	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-10 / 13021439-002	White Fibrous Homogeneous	55% Cellulose 35% Glass	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-11 / 13021439-003 Floor Tile	Beige Non-Fibrous Homogeneous		98% Other	2% Chrysotile
103-11 / 13021439-003 Mastic	Black Non-Fibrous Homogeneous		98% Other	2% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-12 / 13021439-004 Floor Tile	Beige Non-Fibrous Homogeneous		98% Other	2% Chrysotile
103-12 / 13021439-004 Mastic	Black Non-Fibrous Homogeneous		98% Other	2% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-13 / 13021439-005 Ceiling Tile	Various Fibrous Homogeneous	85% Glass	15% Other	None Detected
103-13 / 13021439-005 Mastic	Brown Non-Fibrous Homogeneous	< 1% Wollastonite	100% Other	None Detected

Certification

Signature: *Susan Childress*
Date: 9/13/2013

Reviewed: *Sandra Sobrin*
Date: 9/13/2013

Page 1 of 9



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

13021439

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 Hospital

Collected Date: 9/11/2013
Received Date: 9/12/2013 10:00:00 AM
Report Date: 9/13/2013 12:42:34 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-14 / 13021439-006 Ceiling Tile	Various Fibrous Homogeneous	85% Glass	15% Other	None Detected
103-14 / 13021439-006 Mastic	Brown Non-Fibrous Homogeneous	< 1% Wollastonite	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-15 / 13021439-007 Ceiling Tile	Various Fibrous Homogeneous	85% Glass	15% Other	None Detected
103-15 / 13021439-007 Mastic	Brown Non-Fibrous Homogeneous	< 1% Wollastonite	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-16 / 13021439-008 Ceiling Tile	Various Fibrous Homogeneous	85% Glass	15% Other	None Detected
103-16 / 13021439-008 Mastic	Brown Non-Fibrous Homogeneous	< 1% Wollastonite	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-17 / 13021439-009	Grey Fibrous Homogeneous	90% Cellulose	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-18 / 13021439-010	Various Fibrous Homogeneous	80% Cellulose	20% Other	None Detected

Certification

Signature: *Susan Childress*
Date: 9/13/2013

Reviewed: *Sandra Sobrin*
Date: 9/13/2013

Page 2 of 9



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

13021439

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 Hospital
Collected Date: 9/11/2013
Received Date: 9/12/2013 10:00:00 AM
Report Date: 9/13/2013 12:42:34 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-19 / 13021439-011	Various Non-Fibrous Homogeneous	3% Glass	90% Other	5% Chrysotile 2% Amosite

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-20 / 13021439-012	Various Non-Fibrous Homogeneous	3% Glass	90% Other	5% Chrysotile 2% Amosite

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-21 / 13021439-013	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-22 / 13021439-014	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-23 / 13021439-015 Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected
103-23 / 13021439-015 Texture	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-24 / 13021439-016 Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
103-24 / 13021439-016 Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected
103-24 / 13021439-016 Texture	White Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: *Susan Childress*
Date: 9/13/2013

Reviewed: *Sandra Sobrin*
Date: 9/13/2013

Page 3 of 9



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

13021439

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 Hospital
Collected Date: 9/11/2013
Received Date: 9/12/2013 10:00:00 AM
Report Date: 9/13/2013 12:42:34 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-25 / 13021439-017	White Fibrous Homogeneous	55% Cellulose 35% Glass	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-26 / 13021439-018	White Fibrous Homogeneous	55% Cellulose 35% Glass	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-27 / 13021439-019	White Fibrous Homogeneous	55% Cellulose 35% Glass	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-28 / 13021439-020	White Fibrous Homogeneous	55% Cellulose 35% Glass	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-29 / 13021439-021	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-30 / 13021439-022	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-31 / 13021439-023 Flooring	Grey Non-Fibrous Homogeneous		100% Other	None Detected
103-31 / 13021439-023 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: *Susan Childress*
Date: 9/13/2013

Reviewed: *Sandra Sobrin*
Date: 9/13/2013

Page 4 of 9



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

13021439

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 Hospital

Collected Date: 9/11/2013
Received Date: 9/12/2013 10:00:00 AM
Report Date: 9/13/2013 12:42:34 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-32 / 13021439-024 Flooring	Grey Non-Fibrous Homogeneous		100% Other	None Detected
103-32 / 13021439-024 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-33 / 13021439-025 Cork	Brown Non-Fibrous Homogeneous		100% Other	None Detected
103-33 / 13021439-025 Mastic	Black Non-Fibrous Homogeneous		94% Other	6% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-34 / 13021439-026 Cork	Brown Non-Fibrous Homogeneous		100% Other	None Detected
103-34 / 13021439-026 Mastic	Black Non-Fibrous Homogeneous		94% Other	6% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-35 / 13021439-027 Flooring	Blue Non-Fibrous Homogeneous		100% Other	None Detected
103-35 / 13021439-027 Mastic	Various Non-Fibrous Homogeneous		97% Other	3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-36 / 13021439-028 Flooring	Blue Non-Fibrous Homogeneous		100% Other	None Detected
103-36 / 13021439-028 Mastic	Various Non-Fibrous Homogeneous		97% Other	3% Chrysotile

Certification

Signature: *Susan Childress*
Date: 9/13/2013

Reviewed: *Sandra Sobrin*
Date: 9/13/2013

Page 5 of 9



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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

13021439

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 Hospital
Collected Date: 9/11/2013
Received Date: 9/12/2013 10:00:00 AM
Report Date: 9/13/2013 12:42:34 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-37 / 13021439-029 Cove Base	Blue Non-Fibrous Homogeneous		100% Other	None Detected
103-37 / 13021439-029 Mastic	Various Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-38 / 13021439-030 Cove Base	Blue Non-Fibrous Homogeneous		100% Other	None Detected
103-38 / 13021439-030 Mastic	Various Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-39 / 13021439-031	White Fibrous Homogeneous	55% Cellulose 35% Glass	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-40 / 13021439-032	White Fibrous Homogeneous	55% Cellulose 35% Glass	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-41 / 13021439-033	Various Non-Fibrous Homogeneous	3% Glass 8% Cellulose	85% Other	4% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-42 / 13021439-034	Various Non-Fibrous Homogeneous	3% Glass 8% Cellulose	85% Other	4% Chrysotile

Certification

Signature: *Susan Childress*
Date: 9/13/2013

Reviewed: *Sandra Sobrin*
Date: 9/13/2013

Page 6 of 9



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

13021439

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 Hospital

Collected Date: 9/11/2013
Received Date: 9/12/2013 10:00:00 AM
Report Date: 9/13/2013 12:42:34 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-43 / 13021439-035 Cove Base	Black Non-Fibrous Homogeneous		100% Other	None Detected
103-43 / 13021439-035 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-44 / 13021439-036 Cove Base	Black Non-Fibrous Homogeneous		100% Other	None Detected
103-44 / 13021439-036 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-45 / 13021439-037 Flooring	Red Non-Fibrous Homogeneous		100% Other	None Detected
103-45 / 13021439-037 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-46 / 13021439-038 Flooring	Red Non-Fibrous Homogeneous		100% Other	None Detected
103-46 / 13021439-038 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-47 / 13021439-039 Floor Tile	Brown Non-Fibrous Homogeneous		100% Other	None Detected
103-47 / 13021439-039 Mastic	Black Non-Fibrous Homogeneous		95% Other	5% Chrysotile

Certification

Signature: *Susan Childress*
Date: 9/13/2013

Reviewed: *Sandra Sobrin*
Date: 9/13/2013

Page 7 of 9



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

13021439

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 Hospital
Collected Date: 9/11/2013
Received Date: 9/12/2013 10:00:00 AM
Report Date: 9/13/2013 12:42:34 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
103-48 / 13021439-040 Floor Tile	Brown Non-Fibrous Homogeneous		100% Other		None Detected
103-48 / 13021439-040 Mastic	Black Non-Fibrous Homogeneous		95% Other		5% Chrysotile
103-49 / 13021439-041	White Non-Fibrous Homogeneous		100% Other		None Detected
103-50 / 13021439-042	White Non-Fibrous Homogeneous		100% Other		None Detected
103-51 / 13021439-043	Off-White Non-Fibrous Homogeneous		100% Other		None Detected
103-52 / 13021439-044	Off-White Non-Fibrous Homogeneous		100% Other		None Detected
103-53 / 13021439-045	Grey Non-Fibrous Homogeneous		100% Other		None Detected

Certification

Signature: *Susan Childress*
Date: 9/13/2013

Reviewed: *Sandra Sobrin*
Date: 9/13/2013

Page 8 of 9



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

13021439

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 Hospital
Collected Date: 9/11/2013
Received Date: 9/12/2013 10:00:00 AM
Report Date: 9/13/2013 12:42:34 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-54 / 13021439-046	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-55 / 13021439-047	Grey Non-Fibrous Homogeneous		97% Other	3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-56 / 13021439-048	Grey Non-Fibrous Homogeneous		97% Other	3% Chrysotile

Certification

Signature: *Susan Childress*
Date: 9/13/2013

Reviewed: *Sandra Sobrin*
Date: 9/13/2013

Page 9 of 9

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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

13021430

Company: <i>The E1 Group - Lawton</i>	Project #: <i>14AD13026 RD</i>	Collected by:
Address:	Project Name: <i>Wetmore State Hospital</i>	Phone #:
City, St., Zip:	Date Collected: <i>9-11-13</i>	Fax #:
State of Collection: <i>IA</i>	Account #:	Email:
	P.O. Number:	

Bulk		Air		Soil/Vermiculite	
ABB	PLM EPA 600/R-93/116	☒	ABA	PCM NIOSH 7400	☐
	Positive Stop ☐	☐	ABA-2	OSHA w/ TWA*	☐
ABEPA	PLM EPA 400 Point Count	☐	ABTEM	TEM AHERA	☐
ABB1K	PLM EPA 1000 Point Count	☐	ABATN	TEM NIOSH 7402	☐
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 EPA 600/M4-82-020	☐
		☐	ABEPA2	NY ELAP 198.1	☐
		☐	ABENY	NY ELAP 198.6 PLM NOB	☐
		☐	ABBNY	NY ELAP 198.4 TEM NOB	☐
				ABWA	TEM Wipe ASTM D-6480
				ABDMV	TEM Microvac ASTM D-5755
				Matrix	Other
Turn Around Times		3 HR (4 HR TEM) ☐	6 HR (8HR TEM) ☐	12 HR ☐	24 HR ☒
	2 Days ☐	3 Days ☐	4 Days ☐	5 Days ☐	

[illegible]

Relinquished by	Date	Time	Received by	Date	Time
<i>[Signature]</i>	9-11-13	1700	<i>[Signature]</i>	SEP 12 2013	10:00 AM

Unless scheduled, the turn around time for all computer related requests is 2 business days.

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: 9/19/2013
Project Name: Western State
Hospital
Project #: IHR0130196
SanAir ID#: 13022167



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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 19, 2013

SanAir ID # 13022167
Project Name: Western State Hospital
Project Number: IHR0130196

Dear Stephen Clark,

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 FedEx. The final report(s) is enclosed for the following sample(s): 103-57, 103-58.

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.

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

13022167

FINAL REPORT

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

Project Number: IHR0130196
P.O. Number: Bldg 103
Project Name: Western State Hospital
Collected Date: 9/18/2013
Received Date: 9/19/2013 10:10:00 AM
Report Date: 9/19/2013 1:50:17 PM
Analyst: Tallert, Jonathan G.

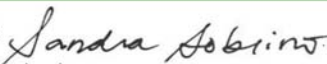
Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-57 / 13022167-001	Grey Non-Fibrous Homogeneous	10% Min. Wool	90% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-58 / 13022167-002	Grey Fibrous Heterogeneous	50% Cellulose	20% Other	30% Chrysotile

Certification

Signature: 
Date: 9/19/2013

Reviewed: 
Date: 9/19/2013

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 #: IHRO130196.00
SanAir ID#: 13022275



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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 20, 2013

SanAir ID # 13022275
Project Name:
Project Number: IHRO130196.00

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 20, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 103-16.

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

13022275

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:

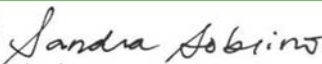
Collected Date: 9/19/2013
Received Date: 9/20/2013 10:00:00 AM
Report Date: 9/20/2013 2:42:18 PM
Analyst: Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
103-16 / 13022275-001 Pipe Mastic On FG	White Non-Fibrous Homogeneous	30% Cellulose 10% Glass	60% Other	None Detected

Certification

Signature: 
Date: 9/20/2013

Reviewed: 
Date: 9/20/2013

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.

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804-897-1177 / 888-895-1177 / Fax 804-897-0070
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Asbestos
Chain of Custody

SanAir ID Number

13020075

Company: <u>FI Roanoke</u>		Project #: <u>I400130196</u>	Collect by: <u>M. Nart</u>
Address:		Project Name:	Phone #:
City, St., Zip:		Date Collected:	Fax #:
State of Collection:	Account#:	P.O. Number:	Email: <u>MHART@EIL.com</u>

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/B2/020 ☐	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

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop
103-16	White p-pe mastic on FG				

Relinquished by	Date	Time	Received by	Date	Time
<u>[Signature]</u>	<u>9/19/13</u>		<u>[Signature]</u>	<u>SEP 20 2013</u>	<u>10:00 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 ___



WESTERN STATE HOSPITAL HAZARDOUS MATERIALS SURVEY

LAB ANALYSIS BUILDING #107

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/12/2013
Project Name: Wstn State Hosp
Project #: 196
SanAir ID#: 13021271



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 12, 2013

SanAir ID # 13021271
Project Name: Wstn State Hosp
Project Number: 196

Dear Melissa Hart,

We at SanAir would like to thank you for the work you recently submitted. The 30 sample(s) were received on Wednesday, September 11, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 107-1, 107-2, 107-3, 107-4, 107-5, 107-6, 107-7, 107-8, 107-9, 107-10, 107-11, 107-12, 107-13, 107-14, 107-15, 107-16, 107-17, 107-18, 107-19, 107-20, 107-21, 107-22, 107-23, 107-24, 107-25, 107-26, 107-27, 107-28, 107-29, 107-30.

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:
30 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

13021271

FINAL REPORT

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

Project Number: 196
P.O. Number: Bldg 107
Project Name: Wstn State Hosp

Collected Date: 9/10/2013
Received Date: 9/11/2013 10:10:00 AM
Report Date: 9/12/2013 12:14:23 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
107-1 / 13021271-001 Ceiling Tile	White Fibrous Homogeneous	55% Cellulose 35% Glass	10% Other	None Detected
107-1 / 13021271-001 Mastic	Brown Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
107-2 / 13021271-002 Ceiling Tile	White Fibrous Homogeneous	55% Cellulose 35% Glass	10% Other	None Detected
107-2 / 13021271-002 Mastic	Brown Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
107-3 / 13021271-003 Cove Base	Red Non-Fibrous Homogeneous		100% Other	None Detected
107-3 / 13021271-003 Mastic	Black Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
107-4 / 13021271-004 Cove Base	Red Non-Fibrous Homogeneous		100% Other	None Detected
107-4 / 13021271-004 Mastic	Black Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
107-5 / 13021271-005 Cove Base	Black Non-Fibrous Homogeneous		100% Other	None Detected
107-5 / 13021271-005 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

Certification

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

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

Page 1 of 6



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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

13021271

FINAL REPORT

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

Project Number: 196
P.O. Number: Bldg 107
Project Name: Wstn State Hosp

Collected Date: 9/10/2013
Received Date: 9/11/2013 10:10:00 AM
Report Date: 9/12/2013 12:14:23 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
107-6 / 13021271-006 Cove Base	Black Non-Fibrous Homogeneous		100% Other	None Detected
107-6 / 13021271-006 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
107-7 / 13021271-007 Floor Tile	Beige Non-Fibrous Homogeneous		100% Other	None Detected
107-7 / 13021271-007 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
107-8 / 13021271-008 Floor Tile	Beige Non-Fibrous Homogeneous		100% Other	None Detected
107-8 / 13021271-008 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
107-9 / 13021271-009	White Fibrous Homogeneous	60% Cellulose 30% Glass	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
107-10 / 13021271-010	White Fibrous Homogeneous	60% Cellulose 30% Glass	10% Other	None Detected

Certification

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

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

Page 2 of 6



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

13021271

FINAL REPORT

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

Project Number: 196
P.O. Number: Bldg 107
Project Name: Wstn State Hosp

Collected Date: 9/10/2013
Received Date: 9/11/2013 10:10:00 AM
Report Date: 9/12/2013 12:14:23 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
107-11 / 13021271-011 Plaster	Brown Non-Fibrous Homogeneous		100% Other	None Detected
107-11 / 13021271-011 Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
107-12 / 13021271-012 Plaster	Brown Non-Fibrous Homogeneous		100% Other	None Detected
107-12 / 13021271-012 Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
107-13 / 13021271-013 Soft Material	Red Non-Fibrous Homogeneous	2% Glass	98% Other	None Detected
107-13 / 13021271-013 Texture	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
107-14 / 13021271-014 Soft Material	Red Non-Fibrous Homogeneous	2% Glass	98% Other	None Detected
107-14 / 13021271-014 Texture	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
107-15 / 13021271-015 Ceiling Tile	White Fibrous Homogeneous	85% Glass	15% Other	None Detected
107-15 / 13021271-015 Mastic	Brown Non-Fibrous Homogeneous		100% Other	None Detected

Certification

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

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

Page 3 of 6



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

13021271

FINAL REPORT

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

Project Number: 196
P.O. Number: Bldg 107
Project Name: Wstn State Hosp

Collected Date: 9/10/2013
Received Date: 9/11/2013 10:10:00 AM
Report Date: 9/12/2013 12:14:23 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
107-16 / 13021271-016 Ceiling Tile	White Fibrous Homogeneous	85% Glass	15% Other	None Detected
107-16 / 13021271-016 Mastic	Brown Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
107-17 / 13021271-017 Plaster	Brown Non-Fibrous Homogeneous		100% Other	None Detected
107-17 / 13021271-017 Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
107-18 / 13021271-018 Plaster	Brown Non-Fibrous Homogeneous		100% Other	None Detected
107-18 / 13021271-018 Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
107-19 / 13021271-019 Cove Base	Grey Non-Fibrous Homogeneous		100% Other	None Detected
107-19 / 13021271-019 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
107-20 / 13021271-020 Cove Base	Grey Non-Fibrous Homogeneous		100% Other	None Detected
107-20 / 13021271-020 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

Certification

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

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

Page 4 of 6



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

13021271

FINAL REPORT

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

Project Number: 196
P.O. Number: Bldg 107
Project Name: Wstn State Hosp

Collected Date: 9/10/2013
Received Date: 9/11/2013 10:10:00 AM
Report Date: 9/12/2013 12:14:23 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
107-21 / 13021271-021 Drywall	Off-White Non-Fibrous Homogeneous	2% Cellulose	98% Other	None Detected
107-21 / 13021271-021 Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
107-22 / 13021271-022 Drywall	Off-White Non-Fibrous Homogeneous	2% Cellulose	98% Other	None Detected
107-22 / 13021271-022 Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
107-23 / 13021271-023	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
107-24 / 13021271-024	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
107-25 / 13021271-025	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
107-26 / 13021271-026	Grey Non-Fibrous Homogeneous		100% Other	None Detected

Certification

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

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

Page 5 of 6



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

13021271

FINAL REPORT

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

Project Number: 196
P.O. Number: Bldg 107
Project Name: Wstn State Hosp

Collected Date: 9/10/2013
Received Date: 9/11/2013 10:10:00 AM
Report Date: 9/12/2013 12:14:23 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
107-27 / 13021271-027	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
107-28 / 13021271-028	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
107-29 / 13021271-029	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
107-30 / 13021271-030	Grey Non-Fibrous Homogeneous		100% 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, Inc.

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Asbestos Chain of Custody

SanAir ID Number

13021271

Company: <u>ET</u>		Project #: <u>156</u>	Collect by:
Address:		Project Name: <u>WSTN STATE HOSP</u>	Phone #:
City, St., Zip:		Date Collected: <u>8/25/07</u>	Fax #:
State of Collection:	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 ☐				
		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 ☐	
		ABBNY	NY ELAP 198.4 TEM NOB ☐		
Water					
ABHE	EPA 100.2 ☐				

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

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop
107-001					
002					
003					
004					
005					
006					
007					
008					
009					
010					
011					
012					

Relinquished by	Date	Time	Received by	Date	Time
<u>[Signature]</u>	<u>9-12-13</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 ___

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Asbestos Chain of Custody

SanAir ID Number

13021271

Company: <u>ET</u>		Project #: <u>196</u>	Collect by:
Address:		Project Name: <u>USTA State Corp</u>	Phone #:
City, St., Zip:		Date Collected: <u>8/25/07</u>	Fax #:
State of Collection:	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

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop
107-025	↑				
026	↑				
027	↑				
028	↑				
029	↑				
030	↓				

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 ___



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

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 # 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



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

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

Page 1 of 9



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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

Certification

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

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

Page 2 of 9



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1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
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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: 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	% 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

Certification

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

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

Page 3 of 9



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1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
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SanAir ID Number

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FINAL REPORT

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Address: 15 Salem Ave SE
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Project Number: IHR0130196
P.O. Number:
Project Name: City Of Staunton

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Analyst: Sobrino, Sandra

Asbestos Bulk PLM EPA 600/R-93/116

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

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

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% 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	% Fibrous	Components	Asbestos Fibers
			% 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

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

Page 4 of 9



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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

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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	
112-21 / 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*
Date: 9/9/2013

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

Page 5 of 9



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804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
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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	
112-27 / 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

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

Page 6 of 9



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1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
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13020892

FINAL REPORT

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

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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	
112-34 / 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

Page 7 of 9



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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	
112-40 / 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*
Date: 9/9/2013

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

Page 8 of 9



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Analyst: Sobrino, Sandra

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

Page 9 of 9

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

Oakbridge Drive, Suite B - Powhatan, VA 23139
397-1177 / 888-895-1177 / Fax 804-897-0070
www.sanair.com

SanAir ID Number

13020892

Relinquished by	Date	Time	Received by	Date	Time
<i>[Signature]</i>	7/5/2013	1:00	<i>[Signature]</i>	SEP 06 2013	10:20am

Unless scheduled, the turn around time for this service is 10 business days.

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



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 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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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

13021167

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 Hospital

Collected Date: 9/9/2013
Received Date: 9/10/2013 9:30:00 AM
Report Date: 9/11/2013 1:54:45 PM
Analyst: Sobrino, Sandra

Asbestos Bulk PLM EPA 600/R-93/116

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

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, 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



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 # 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.

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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

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

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
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www.sanair.com

SanAir ID Number
13021560

Company: EI Group- Staunton		Project #: IHD130196	Collect by: Stephen Clark
Address: 208 Walnut Hills Rd		Project Name: City of Staunton	Phone #:
City, St., Zip: Staunton, VA		Date Collected: 9/9/2013	Fax #:
State of Collection: VA	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	☐			
ABBCB	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 ☐

[illegible]

Relinquished by	Date	Time	Received by	Date	Time
SW (S)	9/12/2013	17:00	OP	SEP 13 2013	10:20 AM

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.

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



NVLAP LAB CODE 200870-0



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 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.

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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

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

Disclaimer

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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 8:00AM

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



WESTERN STATE HOSPITAL HAZARDOUS MATERIALS SURVEY

LAB ANALYSIS BUILDING #113

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/6/2013
Project Name: City Of Staunton
Project #: IHRO130196.00
SanAir ID#: 13020621



804.897.1177

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SanAir Technologies Laboratory, Inc.

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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 6, 2013

SanAir ID # 13020621
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 23 sample(s) were received on Thursday, September 05, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 113-1, 113-2, 113-3, 113-4, 113-5, 113-6, 113-7, 113-8, 113-9, 113-10, 113-11, 113-12, 113-13, 113-14, 113-15, 113-16, 113-17, 113-18, 113-19, 113-20, 113-21, 113-22, 113-23.

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:
23 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

13020621

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: 9/3/2013
Received Date: 9/5/2013 10:15:00 AM
Report Date: 9/6/2013 9:39:59 AM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
113-1 / 13020621-001	Grey Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
113-2 / 13020621-002	Grey Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
113-3 / 13020621-003	White Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
113-4 / 13020621-004	White Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
113-5 / 13020621-005 Plaster	Grey Non-Fibrous Homogeneous		100%	Other	None Detected
113-5 / 13020621-005 Skim Coat	White Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
113-6 / 13020621-006 Plaster	Grey Non-Fibrous Homogeneous		100%	Other	None Detected
113-6 / 13020621-006 Skim Coat	White Non-Fibrous Homogeneous		100%	Other	None Detected

Certification

Signature:

Date: 9/5/2013

Reviewed:

Date: 9/6/2013

Page 1 of 4



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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

13020621

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: 9/3/2013
Received Date: 9/5/2013 10:15:00 AM
Report Date: 9/6/2013 9:39:59 AM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
113-7 / 13020621-007	Grey Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
113-8 / 13020621-008	Grey Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
113-9 / 13020621-009	Grey Non-Fibrous Homogeneous	10% Min. Wool	90%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
113-10 / 13020621-010	Grey Non-Fibrous Homogeneous		95%	Other	5% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
113-11 / 13020621-011	Grey Non-Fibrous Homogeneous		95%	Other	5% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
113-12 / 13020621-012	Grey Non-Fibrous Homogeneous		100%	Other	< 1% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
113-13 / 13020621-013	Grey Non-Fibrous Homogeneous		100%	Other	< 1% Chrysotile

Certification

Signature: 
Date: 9/5/2013

Reviewed: 
Date: 9/6/2013

Page 2 of 4



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

13020621

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: 9/3/2013
Received Date: 9/5/2013 10:15:00 AM
Report Date: 9/6/2013 9:39:59 AM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
113-14 / 13020621-014	Grey Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
113-15 / 13020621-015	Grey Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
113-16 / 13020621-016	Grey Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
113-17 / 13020621-017	Grey Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
113-18 / 13020621-018	Black Non-Fibrous Heterogeneous	15% Cellulose	85% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
113-19 / 13020621-019	Black Non-Fibrous Heterogeneous	15% Cellulose	85% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
113-20 / 13020621-020 Roof Core	Black Non-Fibrous Heterogeneous	15% Cellulose	85% Other	None Detected
113-20 / 13020621-020 Plaster	White Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: 
Date: 9/5/2013

Reviewed: 
Date: 9/6/2013

Page 3 of 4



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

13020621

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: 9/3/2013
Received Date: 9/5/2013 10:15:00 AM
Report Date: 9/6/2013 9:39:59 AM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
113-21 / 13020621-021	Black Non-Fibrous Heterogeneous	15% Cellulose	85% Other	< 1% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
113-22 / 13020621-022	Grey Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
113-23 / 13020621-023	Grey Non-Fibrous Homogeneous		100% Other	< 1% Chrysotile

Certification

Signature: 
Date: 9/5/2013

Reviewed: 
Date: 9/6/2013

Page 4 of 4

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

AMERISCI RICHMOND
Job No.:

$$\text{Netball} = 1.8 \times \text{Netball (1990-2000)}$$

AmeriSci *Richmond*
13635 Genito Road
Midlothian, VA 23112
Phone: (804) 763-1200
Fax: (804) 763-1800
TOLL FREE: (800) 476-5227
www.amerisci.com

[illegible]

SEP 05 2013 10:15 AM

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/18/2013
Project Name: Western State
Hospital
Project #: IHR0130196
SanAir ID#: 13021905



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 18, 2013

SanAir ID # 13021905
Project Name: Western State Hospital
Project Number: IHR0130196

Dear Stephen Clark,

We at SanAir would like to thank you for the work you recently submitted. The 1 sample(s) were received on Tuesday, September 17, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 113-24.

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

13021905

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: Western State Hospital

Collected Date: 9/13/2013
Received Date: 9/17/2013 10:35:00 AM
Report Date: 9/18/2013 10:22:44 AM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
113-24 / 13021905-001	White Non-Fibrous Homogeneous		75% Other	10% Chrysotile 15% Amosite

Certification

Signature:

Date: 9/18/2013

Reviewed:

Date: 9/18/2013

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

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

SanAir ID Number

13021905

Company: <u>EJ Group - Staunton</u>		Project #: <u>IHR0130196</u>	Collect by: <u>Stephen Clark</u>
Address: <u>208 Walnut Hills Rd</u>		Project Name: <u>Western State Hospital</u>	Phone #:
City, St., Zip: <u>Staunton, VA</u>		Date Collected: <u>9/13/2013</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	☐			
ABBCB	TEM Chatfield	☐				Dust		
ABBTM	TEM EPA NOB	☐	New York ELAP			ABWA	TEM Wipe ASTM D-6480	☐
			PLM NY	PLM 600/M4/82/020	☐	ABDMV	TEM Microvac ASTM D-5755	☐
			ABEPA2	NY ELAP 198.1	☐			
			ABENY	NY ELAP 198.6 PLM NOB	☐	Matrix	Other	
			ABBNY	NY ELAP 198.4 TEM NOB	☐			
Water								
ABHE	EPA 100.2	☐						

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

[illegible]

Requisitioned by	Date	Time	Received by	Date	Time
<i>[Signature]</i>	9/13/13	1200	<i>[Signature]</i>	SEP 17 2013	1035am

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: 9/20/2013
Project Name: WSH Bldg 113
Project #: IHRO130196.00
SanAir ID#: 13022142



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 # 13022142
Project Name: WSH Bldg 113
Project Number: IHRO130196.00

Dear Melissa Hart,

We at SanAir would like to thank you for the work you recently submitted. The 9 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): 113-12, 113-13, 113-14, 113-15, 113-16, 113-17, 113-21, 113-22, 113-23.

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:
9 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

13022142

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: WSH Bldg 113

Collected Date: 9/3/2013
Received Date: 9/19/2013 8:00:00 AM
Report Date: 9/20/2013 10:52:02 AM
Analyst: Tallert, Jonathan G.

Asbestos Bulk EPA PLM 400 Point Count

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
113-12 / 13022142-001	Grey Non-Fibrous Homogeneous		99.75% Other	0.25% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
113-13 / 13022142-002	Grey Non-Fibrous Homogeneous		98.25% Other	1.75% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
113-14 / 13022142-003	Grey Non-Fibrous Homogeneous		100% Other	< 0.25% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
113-15 / 13022142-004	Grey Non-Fibrous Homogeneous		100% Other	< 0.25% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
113-16 / 13022142-005	Beige Non-Fibrous Homogeneous		99.75% Other	0.25% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
113-17 / 13022142-006	Beige Non-Fibrous Homogeneous		99.25% Other	0.75% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
113-22 / 13022142-008	Grey Non-Fibrous Homogeneous		100% Other	< 0.25% Chrysotile

Certification

Signature: 
Date: 9/20/2013

Reviewed: 
Date: 9/20/2013

Page 1 of 2



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

13022142

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: WSH Bldg 113

Collected Date: 9/3/2013
Received Date: 9/19/2013 8:00:00 AM
Report Date: 9/20/2013 10:52:02 AM
Analyst: Tallert, Jonathan G.

Asbestos Bulk EPA PLM 400 Point Count

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
113-23 / 13022142-009	Grey Non-Fibrous Homogeneous		100% Other	< 0.25% Chrysotile

Certification

Signature:

Date: 9/20/2013

Reviewed:

Date: 9/20/2013

Page 2 of 2

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, AIHA or any other agency of the U.S. government; *and may not be certified by every local, state and federal regulatory agencies.*

Saw Air Technologies Lab
AMERTSet

AMERISCI RICHMOND
Job No.:

5/15/13

13022142
15020621

AmeriSci Richmond
13635 Genito Road
Midlothian, VA 23112
Phone: (804) 763-1200
Fax: (804) 763-1800
TOLL FREE: (800) 476-5227
www.amerisci.com

Environmental Investigations, P.A.		208 Walnut Hills Road Staunton, VA 24401		P.O.#: SPECIAL INSTRUCTIONS:							
PROJECT INFORMATION		ANALYSIS TYPE		TURNAROUND TIME (X)				AIR FILTER INFORMATION:			
JOB NAME: City of Staunton		TEM/AHERA		6-8 Hr	12 Hr	24 Hr	48 Hr	72 Hr	5 DAY	OTHER	MCE
JOB NO.: JH0130196.00		TEM/LEVEL II									PC
JOB MANAGER: M. NART		TEM/7402									25 mm
JOB DESCRIPTION: WST Bldg 113		TEM/BULK									37 mm
		TEM/DUST									0.45 um
		TEM/WATER									0.80 um
		PLM									OTHER:
		PCM									
		OTHER:									
RESULTS TO: MELISSA HART		INVOICE TO: ENVIRONMENTAL		Return Samples: Yes No							
EMAIL RESULTS: (Y) N MHART@ei1.com		PHONE: (540) 337-3740									
WRITTEN REPORT TO:		FAX: (540) 337-9075									
COMMENTS:		SITE FAX:									
		PAGER/CELL: 540-448-5802									
Lab ID	Sample ID	Sample Location	START TIME	STOP TIME	TOTAL TIME X	LITERS / MIN.	TOTAL VOLUME	DATE COLLECTED			
	113-01							9/3/13			
	↓							✓			
	113-23										
SAMPLED BY: [Signature]		DATE/TIME: 9/3/13		RECEIVED BY:		DATE/TIME:					
RELINQUISHED BY:		DATE/TIME:		RECEIVED IN LAB BY:		DATE/TIME:					

SEP 05 2013 10:15 AM

SEP 19 2013 8:00 AM

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 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

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#: 13022313



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 23, 2013

SanAir ID # 13022313
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 1 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): 113-21.

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

13022313

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: 9/3/2013
Received Date: 9/20/2013 10:00:00 AM
Report Date: 9/23/2013 1:59:47 PM
Analyst: Sobrino, Sandra

Asbestos Bulk EPA PLM NOB

Sanair ID / Description	Appearance	% Fibrous	% Non Fibrous	Asbestos Types	% Total Asbestos
13022313-001 / 113-21	Black Non-Fibrous Homogeneous		91.6 %	Chrysotile	8.4 %

Certification

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

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

Page 1 of 1

Disclaimer

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150d0b0d1

AMERISCI RICHMOND
Job No.:

AmeriSci Richmond
13635 Genito Road
Midlothian, VA 23112
Phone: (804) 763-1200
Fax: (804) 763-1800
TOLL FREE: (800) 476-5227
www.amerisci.com

[illegible]

SEP 05 2013 10:15 AM

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



WESTERN STATE HOSPITAL HAZARDOUS MATERIALS SURVEY

LAB ANALYSIS BUILDING #114

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/12/2013
Project Name: Bldg 114
Project #: 196
SanAir ID#: 13021272



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 12, 2013

SanAir ID # 13021272
Project Name: Bldg 114
Project Number: 196

Dear Melissa Hart,

We at SanAir would like to thank you for the work you recently submitted. The 11 sample(s) were received on Wednesday, September 11, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 114-1, 114-2, 114-3, 114-4, 114-5, 114-6, 114-7, 114-8, 114-9, 114-10, 114-11.

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:
11 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

13021272

FINAL REPORT

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

Project Number: 196
P.O. Number: Wstn State Hosp
Project Name: Bldg 114

Collected Date: 9/10/2013
Received Date: 9/11/2013 10:10:00 AM
Report Date: 9/12/2013 10:50:12 AM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
114-1 / 13021272-001	Grey Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
114-2 / 13021272-002	Grey Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
114-3 / 13021272-003	Grey Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
114-4 / 13021272-004	Grey Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
114-5 / 13021272-005	White Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
114-6 / 13021272-006	White Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
114-7 / 13021272-007	Grey Non-Fibrous Homogeneous		100%	Other	None Detected

Certification

Signature: 
Date: 9/12/2013

Reviewed: 
Date: 9/12/2013

Page 1 of 2



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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

13021272

FINAL REPORT

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

Project Number: 196
P.O. Number: Wstn State Hosp
Project Name: Bldg 114

Collected Date: 9/10/2013
Received Date: 9/11/2013 10:10:00 AM
Report Date: 9/12/2013 10:50:12 AM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
114-8 / 13021272-008	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
114-9 / 13021272-009	Black Non-Fibrous Heterogeneous	20% Cellulose 5% Glass	75% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
114-10 / 13021272-010	Black Non-Fibrous Heterogeneous	10% Glass 5% Cellulose	85% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
114-11 / 13021272-011	Silver Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: 
Date: 9/12/2013

Reviewed: 
Date: 9/12/2013

Page 2 of 2

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, Inc.

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804-897-1177 / 888-895-1177 / Fax 804-897-0070
www.sanair.com

Asbestos Chain of Custody

SanAir ID Number

13021872

Company: <u>ET</u>	Project #: <u>196</u>	Collect by:
Address:	Project Name: <u>Bldg 114</u>	Phone #:
City, St., Zip:	Date Collected: <u>WSTA-STATE 164P</u>	Fax #:
State of Collection:	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

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop
114-001	↑				
002					
003					
004					
005					
006					
007					
008					
009					
010					
011	↓				

Relinquished by	Date	Time	Received by	Date	Time
<u>WTA</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 ___



WESTERN STATE HOSPITAL HAZARDOUS MATERIALS SURVEY

LAB ANALYSIS BUILDING #115

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/10/2013
Project Name: City Of Staunton
Project #: IHRO130196.00
SanAir ID#: 13021161



NVLAP LAB CODE 200870-0



LAB # 130211



Certification # 652931



License # LAB0166



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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 10, 2013

SanAir ID # 13021161
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 20 sample(s) were received on Tuesday, September 10, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 115-1, 115-2, 115-3, 115-4, 115-5, 115-6, 115-7, 115-8, 115-9, 115-10, 115-11, 115-12, 115-13, 115-14, 115-15, 115-16, 115-17, 115-18, 115-19, 115-20.

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:
20 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

13021161

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: 9/9/2013
Received Date: 9/10/2013 9:30:00 AM
Report Date: 9/10/2013 6:02:08 PM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
115-1 / 13021161-001 Floor Tile	Beige Non-Fibrous Homogeneous		100% Other		None Detected
115-1 / 13021161-001 Mastic	Yellow Non-Fibrous Homogeneous		100% Other		None Detected
115-2 / 13021161-002 Floor Tile	Beige Non-Fibrous Homogeneous		100% Other		None Detected
115-2 / 13021161-002 Mastic	Yellow Non-Fibrous Homogeneous		100% Other		None Detected
115-3 / 13021161-003 Plaster	Grey Non-Fibrous Homogeneous		100% Other		None Detected
115-3 / 13021161-003 Skim Coat	White Non-Fibrous Homogeneous		100% Other		None Detected
115-4 / 13021161-004 Plaster	Grey Non-Fibrous Homogeneous		100% Other		None Detected
115-4 / 13021161-004 Skim Coat	White Non-Fibrous Homogeneous		100% Other		None Detected
115-5 / 13021161-005	White Fibrous Homogeneous	40% Cellulose 40% Min. Wool	20% Other		None Detected

Certification

Signature: 
Date: 9/10/2013

Reviewed: 
Date: 9/10/2013

Page 1 of 4



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

13021161

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: 9/9/2013
Received Date: 9/10/2013 9:30:00 AM
Report Date: 9/10/2013 6:02:08 PM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
115-6 / 13021161-006	White Fibrous Homogeneous	40% Cellulose 40% Min. Wool	20% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
115-7 / 13021161-007	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
115-8 / 13021161-008	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
115-9 / 13021161-009	Red Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
115-10 / 13021161-010	Red Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
115-11 / 13021161-011 Cove Base	Black Non-Fibrous Homogeneous		100% Other	None Detected
115-11 / 13021161-011 Mastic	Brown Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: 
Date: 9/10/2013

Reviewed: 
Date: 9/10/2013

Page 2 of 4



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

13021161

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: 9/9/2013
Received Date: 9/10/2013 9:30:00 AM
Report Date: 9/10/2013 6:02:08 PM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
115-12 / 13021161-012 Cove Base	Black Non-Fibrous Homogeneous		100% Other	None Detected
115-12 / 13021161-012 Mastic	Brown Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
115-13 / 13021161-013 Floor Tile	Beige Non-Fibrous Homogeneous		97% Other	3% Chrysotile
115-13 / 13021161-013 Mastic	Black Non-Fibrous Homogeneous		95% Other	5% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
115-14 / 13021161-014 Floor Tile	Beige Non-Fibrous Homogeneous		97% Other	3% Chrysotile
115-14 / 13021161-014 Mastic	Black Non-Fibrous Homogeneous		95% Other	5% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
115-15 / 13021161-015 Drywall	White Non-Fibrous Homogeneous	10% Cellulose	90% Other	None Detected
115-15 / 13021161-015 Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
115-16 / 13021161-016	White Non-Fibrous Homogeneous	10% Cellulose	90% Other	None Detected

Certification

Signature: 
Date: 9/10/2013

Reviewed: 
Date: 9/10/2013

Page 3 of 4



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

13021161

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: 9/9/2013
Received Date: 9/10/2013 9:30:00 AM
Report Date: 9/10/2013 6:02:08 PM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
115-17 / 13021161-017	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
115-18 / 13021161-018	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
115-19 / 13021161-019	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
115-20 / 13021161-020	Grey Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: 
Date: 9/10/2013

Reviewed: 
Date: 9/10/2013

Page 4 of 4

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: City Of Staunton
Project #: IHRO130196
SanAir ID#: 13021269



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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 12, 2013

SanAir ID # 13021269
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 1 sample(s) were received on Wednesday, September 11, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 115-21.

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

13021269

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 10:59:57 AM
Analyst: Sobrino, Sandra

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
115-21 / 13021269-001	Grey Non-Fibrous Homogeneous		100% Other	None Detected

Certification

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

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

Page 1 of 1

Disclaimer

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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: 9/16/2013
Project Name: City Of Staunton-
Bldg115
Project #: IHRO130196.00
SanAir ID#: 13021565



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 # 13021565
Project Name: City Of Staunton-Bldg115
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 13, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 115-22, 115-23.

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.

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

13021565

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-Bldg115

Collected Date: 9/12/2013
Received Date: 9/13/2013 10:20:00 AM
Report Date: 9/16/2013 9:50:22 AM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
115-22 / 13021565-001	Black Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
115-23 / 13021565-002	Black Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: 
Date: 9/16/2013

Reviewed: 
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



WESTERN STATE HOSPITAL HAZARDOUS MATERIALS SURVEY

LAB ANALYSIS BUILDING #116

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/6/2013
Project Name: City Of Staunton
Project #: IHR0130196.00
SanAir ID#: 13020617



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 6, 2013

SanAir ID # 13020617
Project Name: City Of Staunton
Project Number: IHR0130196.00

Dear Melissa Hart,

We at SanAir would like to thank you for the work you recently submitted. The 37 sample(s) were received on Thursday, September 05, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 116-1, 116-2, 116-3, 116-4, 116-5, 116-6, 116-7, 116-8, 116-9, 116-10, 116-11, 116-12, 116-13, 116-14, 116-15, 116-16, 116-17, 116-18, 116-19, 116-20, 116-21, 116-22, 116-23, 116-24, 116-25, 116-26, 116-27, 116-28, 116-29, 116-30, 116-31, 116-32, 116-33, 116-34, 116-35, 116-36, 116-37.

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:
37 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

13020617

FINAL REPORT

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

Project Number: IHR0130196.00
P.O. Number:
Project Name: City Of Staunton

Collected Date: 9/3/2013
Received Date: 9/5/2013 10:15:00 AM
Report Date: 9/6/2013 9:20:24 AM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
116-1 / 13020617-001 Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
116-1 / 13020617-001 Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
116-2 / 13020617-002 Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
116-2 / 13020617-002 Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
116-3 / 13020617-003	Brown Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
116-4 / 13020617-004	Brown Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
116-5 / 13020617-005	White Fibrous Homogeneous	98% Cellulose	2% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
116-6 / 13020617-006	White Fibrous Homogeneous	98% Cellulose	2% Other	None Detected

Certification

Signature:

Date: 9/5/2013

Reviewed:

Date: 9/6/2013

Page 1 of 6



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Name: El Group, Inc Roanoke Office
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Project Number: IHR0130196.00
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Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
116-7 / 13020617-007	White Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
116-8 / 13020617-008	Grey Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
116-9 / 13020617-009	Black Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
116-10 / 13020617-010	Black Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
116-11 / 13020617-011	White Non-Fibrous Homogeneous	10%	Cellulose	90% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
116-12 / 13020617-012	White Non-Fibrous Homogeneous	10%	Cellulose	90% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
116-13 / 13020617-013	Black Fibrous Homogeneous	60%	Cellulose	40% Other	None Detected

Certification

Signature: 
Date: 9/5/2013

Reviewed: 
Date: 9/6/2013

Page 2 of 6



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Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
116-14 / 13020617-014	Black Fibrous Homogeneous	60% Cellulose	40% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
116-15 / 13020617-015 Tread	Red Non-Fibrous Homogeneous		100% Other	None Detected
116-15 / 13020617-015 Adhesive	Tan Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
116-16 / 13020617-016 Tread	Red Non-Fibrous Homogeneous		100% Other	None Detected
116-16 / 13020617-016 Adhesive	Tan Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
116-17 / 13020617-017	Tan Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
116-18 / 13020617-018	Tan Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
116-19 / 13020617-019 Cove Base	Grey Non-Fibrous Homogeneous		100% Other	None Detected
116-19 / 13020617-019 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature:

Date: 9/5/2013

Reviewed:

Date: 9/6/2013

Page 3 of 6



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Report Date: 9/6/2013 9:20:24 AM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
116-20 / 13020617-020 Cove Base	Grey Non-Fibrous Homogeneous		100% Other	None Detected
116-20 / 13020617-020 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
116-21 / 13020617-021	Black Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
116-22 / 13020617-022	Black Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
116-23 / 13020617-023	White Non-Fibrous Homogeneous		95% Other	5% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
116-24 / 13020617-024	Black Non-Fibrous Heterogeneous	15% Cellulose	85% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
116-25 / 13020617-025	Black Non-Fibrous Homogeneous	15% Cellulose	85% Other	None Detected

Certification

Signature: 
Date: 9/5/2013

Reviewed: 
Date: 9/6/2013

Page 4 of 6



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FINAL REPORT

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Project Name: City Of Staunton

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Report Date: 9/6/2013 9:20:24 AM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
116-26 / 13020617-026	Black Non-Fibrous Homogeneous	10% Cellulose	90% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
116-27 / 13020617-027	Black Non-Fibrous Homogeneous	10% Cellulose	90% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
116-28 / 13020617-028	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
116-29 / 13020617-029	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
116-30 / 13020617-030	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
116-31 / 13020617-031	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
116-32 / 13020617-032	Grey Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature:

Date: 9/5/2013

Reviewed:

Date: 9/6/2013

Page 5 of 6



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Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
116-33 / 13020617-033	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
116-34 / 13020617-034	White Fibrous Homogeneous	40% Cellulose 40% Min. Wool	20% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
116-35 / 13020617-035	White Fibrous Homogeneous	40% Cellulose 40% Min. Wool	20% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
116-36 / 13020617-036	Brown Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
116-37 / 13020617-037	Brown Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: 
Date: 9/5/2013

Reviewed: 
Date: 9/6/2013

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

AMERISCI

CHAIN OF CUSTODY RECORD

AMERISCI RICHMOND
Job No.:

13020617

AmeriSci Richmond
13635 Genito Road
Midlothian, VA 23112
Phone: (804) 763-1200
Fax: (804) 763-1800
TOLL FREE: (800) 476-5227
www.amerisci.com

Environmental Investigations, P.A.		208 Walnut Hills Road Staunton, VA 24401		P.O.#:		SPECIAL INSTRUCTIONS:					
PROJECT INFORMATION		ANALYSIS TYPE		TURNAROUND TIME (X)				AIR FILTER INFORMATION:			
JOB NAME: <u>City of Staunton</u>		TEM/AHERA		6-8 HR	12 HR	24 HR	48 HR	72 HR	5 DAY	OTHER	MCE
JOB No.: <u>IHR0130196.00</u>		TEM/LEVEL II									PC
JOB MANAGER: <u>Melissa Hart</u>		TEM/7402									25 mm
		TEM/BULK									37 mm
		TEM/DUST									0.45 um
		TEM/WATER									0.80 um
JOB DESCRIPTION: <u>Western State Hospital Building 116</u>		PLM									OTHER:
		PCM									
		OTHER:									
RESULTS TO: <u>MELISSA HART</u>		INVOICE TO: <u>ENVIRONMENTAL</u>				Return Samples: Yes <u>No</u> <u>X</u>					
EMAIL RESULTS: <u>Y / N</u> <u>MHART@E1.COM</u>						PHONE: <u>(540) 337-3740</u>					
WRITTEN REPORT TO: <u>Melissa Hart</u>						FAX: <u>(540) 337-9075</u>					
COMMENTS:						SITE FAX:					
						PAGER/CELL: <u>540-448-5802</u>					
Lab ID	Sample ID	Sample Location	START TIME	STOP TIME	TOTAL TIME X	LITERS /MIN.	TOTAL VOLUME	DATE COLLECTED			
	<u>116-61</u>							<u>9/3/13</u>			
	<u>37</u>										
/											
SAMPLED BY: <u>Stephen Clark</u>			DATE/TIME: <u>9/3/2013</u>			RECEIVED BY:					
RELINQUISHED BY: <u>SC</u>			DATE/TIME: <u>9/4/2013/1700</u>			RECEIVED IN LAB BY:					

SEP 05 2013 10:15 AM



WESTERN STATE HOSPITAL HAZARDOUS MATERIALS SURVEY

LAB ANALYSIS BUILDING #117

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/6/2013
Project Name: Western State
Hospital Building 117
Project #: IHR0130196.00
SanAir ID#: 13020574



Certification # 652931



License # LAB0166



804.897.1177

www.sanair.com



SanAir Technologies Laboratory, Inc.

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

September 6, 2013

SanAir ID # 13020574
Project Name: Western State Hospital Building 117
Project Number: IHR0130196.00

Dear Melissa Hart,

We at SanAir would like to thank you for the work you recently submitted. The 34 sample(s) were received on Thursday, September 05, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 117-1, 117-2, 117-3, 117-4, 117-5, 117-6, 117-7, 117-8, 117-9, 117-10, 117-11, 117-12, 117-13, 117-14, 117-15, 117-16, 117-17, 117-18, 117-19, 117-20, 117-21, 117-22, 117-23, 117-24, 117-25, 117-26, 117-27, 117-28, 117-29, 117-30, 117-31, 117-32, 117-33, 117-34.

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:
34 sample(s) in Good condition



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SanAir ID Number

13020574

FINAL REPORT

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

Project Number: IHR0130196.00
P.O. Number:
Project Name: Western State Hospital Building 117

Collected Date: 9/3/2013
Received Date: 9/5/2013 10:15:00 AM
Report Date: 9/6/2013 9:19:05 AM
Analyst: Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
117-1 / 13020574-001	White Fibrous Heterogeneous	85% Cellulose	15% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
117-2 / 13020574-002	White Fibrous Heterogeneous	85% Cellulose	15% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
117-3 / 13020574-003 Drywall	White Non-Fibrous Heterogeneous	4% Cellulose	96% Other	None Detected
117-3 / 13020574-003 Joint Compound	White Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
117-4 / 13020574-004	White Non-Fibrous Heterogeneous	5% Cellulose	95% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
117-5 / 13020574-005	White Fibrous Heterogeneous	85% Cellulose	15% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
117-6 / 13020574-006	White Fibrous Heterogeneous	85% Cellulose	15% Other	None Detected

Certification

Signature: 
Date: 9/5/2013

Reviewed: 
Date: 9/6/2013

Page 1 of 6



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Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
117-7 / 13020574-007	White Non-Fibrous Heterogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
117-8 / 13020574-008	White Non-Fibrous Heterogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
117-9 / 13020574-009	White Non-Fibrous Heterogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
117-10 / 13020574-010	White Non-Fibrous Heterogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
117-11 / 13020574-011	Black Non-Fibrous Heterogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
117-12 / 13020574-012	Black Non-Fibrous Heterogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
117-13 / 13020574-013	Black Fibrous Heterogeneous	65%	Cellulose	35% Other	None Detected

Certification

Signature: 
Date: 9/5/2013

Reviewed: 
Date: 9/6/2013

Page 2 of 6



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Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
117-14 / 13020574-014	Black Fibrous Heterogeneous	65% Cellulose	35% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
117-15 / 13020574-015 Floor Tile	Red Non-Fibrous Heterogeneous		100% Other	None Detected
117-15 / 13020574-015 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
117-16 / 13020574-016 Floor Tile	Red Non-Fibrous Heterogeneous		100% Other	None Detected
117-16 / 13020574-016 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
117-17 / 13020574-017	White Non-Fibrous Heterogeneous		97% Other	3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
117-18 / 13020574-018	White Non-Fibrous Heterogeneous		97% Other	3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
117-19 / 13020574-019	Beige Non-Fibrous Heterogeneous	40% Cellulose	60% Other	None Detected

Certification

Signature: 
Date: 9/5/2013

Reviewed: 
Date: 9/6/2013

Page 3 of 6



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

13020574

FINAL REPORT

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

Project Number: IHR0130196.00
P.O. Number:
Project Name: Western State Hospital Building 117

Collected Date: 9/3/2013
Received Date: 9/5/2013 10:15:00 AM
Report Date: 9/6/2013 9:19:05 AM
Analyst: Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
117-20 / 13020574-020	Beige Non-Fibrous Heterogeneous	40% Cellulose	60% Other	None Detected
117-21 / 13020574-021	Brown Non-Fibrous Heterogeneous		100% Other	None Detected
117-22 / 13020574-022	Brown Non-Fibrous Heterogeneous		100% Other	None Detected
117-23 / 13020574-023	Brown Fibrous Heterogeneous	90% Cellulose	10% Other	None Detected
117-24 / 13020574-024	Brown Fibrous Heterogeneous	90% Cellulose	10% Other	None Detected
117-25 / 13020574-025	Black Non-Fibrous Heterogeneous		100% Other	None Detected
117-26 / 13020574-026	Black Non-Fibrous Heterogeneous		100% Other	None Detected

Certification

Signature: 
Date: 9/5/2013

Reviewed: 
Date: 9/6/2013

Page 4 of 6



SanAir Technologies Laboratory, Inc.

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

SanAir ID Number

13020574

FINAL REPORT

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

Project Number: IHR0130196.00
P.O. Number:
Project Name: Western State Hospital Building 117

Collected Date: 9/3/2013
Received Date: 9/5/2013 10:15:00 AM
Report Date: 9/6/2013 9:19:05 AM
Analyst: Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
117-27 / 13020574-027	Grey Non-Fibrous Heterogeneous		97% Other		3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
117-28 / 13020574-028	Grey Non-Fibrous Heterogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
117-29 / 13020574-029	Grey Non-Fibrous Heterogeneous		100% Other		< 1% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
117-30 / 13020574-030	Grey Non-Fibrous Heterogeneous		100% Other		< 1% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
117-31 / 13020574-031	Black Non-Fibrous Heterogeneous	35% Cellulose	65% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
117-32 / 13020574-032	Black Non-Fibrous Heterogeneous	30% Cellulose	70% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
117-33 / 13020574-033	Black Non-Fibrous Heterogeneous	30% Cellulose	70% Other		None Detected

Certification

Signature: 
Date: 9/5/2013

Reviewed: 
Date: 9/6/2013

Page 5 of 6



SanAir Technologies Laboratory, Inc.

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

SanAir ID Number

13020574

FINAL REPORT

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

Project Number: IHR0130196.00
P.O. Number:
Project Name: Western State Hospital Building 117

Collected Date: 9/3/2013
Received Date: 9/5/2013 10:15:00 AM
Report Date: 9/6/2013 9:19:05 AM
Analyst: Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
117-34 / 13020574-034	Black Non-Fibrous Heterogeneous	30% Cellulose	70% Other	None Detected

Certification

Signature: 
Date: 9/5/2013

Reviewed: 
Date: 9/6/2013

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

~~AMERISCI~~

AMERISC
Job No.:

AmeriSci Richmond

Fax: (804) 763-1800
TOLL FREE: (800) 476-5227
www.amerisci.com

SAMPLED BY: Stephen Clark DATE/TIME: 9/3/2013

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/10/2013
Project Name: Western State
SanAir ID#: 13020999



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 10, 2013

SanAir ID # 13020999
Project Name: Western State
Project Number:

Dear Melissa Hart,

We at SanAir would like to thank you for the work you recently submitted. The 3 sample(s) were received on Monday, September 09, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 117-34, 117-35, 117-36.

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



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

13020999

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: Western State

Collected Date: 9/6/2013
Received Date: 9/9/2013 9:55:00 AM
Report Date: 9/10/2013 9:21:35 AM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
117-34 / 13020999-001	Grey Non-Fibrous Homogeneous		70% Other	30% Amosite

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
117-35 / 13020999-002	Black Non-Fibrous Homogeneous	20% Cellulose	80% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
117-36 / 13020999-003	Black Non-Fibrous Homogeneous	20% Cellulose	80% Other	None Detected

Certification

Signature: 
Date: 9/10/2013

Reviewed: 
Date: 9/10/2013

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, 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

13020999

Company: <u>EI GROUP</u>		Project #:	Collect by: <u>M. HART</u>
Address: <u>208 WALNUT HILLS RD</u>		Project Name: <u>Wesley State</u>	Phone #: <u>540-490-0645</u>
City, St., Zip: <u>Staunton VA 24401</u>		Date Collected: <u>9/6/13</u>	Fax #:
State of Collection: <u>VA</u>	Account#:	P.O. Number:	Email: <u>M.HART@EI1.COM</u>

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 ☐		
		ABBNY	NY ELAP 198.4 TEM NOB ☐	Matrix	Other ☐

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

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop
117-34	↓	↓	↓	↓	↓
117-35	↓	↓	↓	↓	↓
117-36	↓	↓	↓	↓	↓

Relinquished by	Date	Time	Received by	Date	Time
Joe Tinsley	9/6/13	5:02 PM	CP	SEP 09 2013	9:55 AM

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.

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/18/2013
Project Name: Western State
Hospital
Project #: IHR0130196
SanAir ID#: 13021903



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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 18, 2013

SanAir ID # 13021903
Project Name: Western State Hospital
Project Number: IHR0130196

Dear Stephen Clark,

We at SanAir would like to thank you for the work you recently submitted. The 1 sample(s) were received on Tuesday, September 17, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 117-37.

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

13021903

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: Western State Hospital
Collected Date: 9/13/2013
Received Date: 9/17/2013 10:35:00 AM
Report Date: 9/18/2013 10:09:18 AM
Analyst: Tallert, Jonathan G.

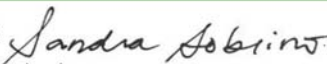
Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
117-37 / 13021903-001	Grey Non-Fibrous Homogeneous		60% Other	40% Chrysotile

Certification

Signature: 

Date: 9/18/2013

Reviewed: 

Date: 9/18/2013

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



WESTERN STATE HOSPITAL HAZARDOUS MATERIALS SURVEY

LAB ANALYSIS BUILDING #118

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/10/2013
Project Name: Western State
Hospital
Project #: IHRO130196.00
SanAir ID#: 13021166



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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 10, 2013

SanAir ID # 13021166
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 6 sample(s) were received on Tuesday, September 10, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 118-21, 118-22, 118-23, 118-24, 118-25, 118-26.

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:
6 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

13021166

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 Hospital

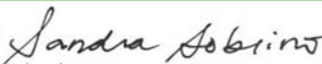
Collected Date: 9/9/2013
Received Date: 9/10/2013 9:30:00 AM
Report Date: 9/10/2013 5:57:41 PM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
118-21 / 13021166-001	Various Non-Fibrous Heterogeneous	20% Cellulose 5% Glass	75% Other	None Detected
118-22 / 13021166-002	Various Fibrous Heterogeneous	40% Cellulose 15% Glass	45% Other	None Detected
118-23 / 13021166-003	Grey Fibrous Homogeneous	80% Cellulose 10% Glass	10% Other	None Detected
118-24 / 13021166-004	Various Fibrous Heterogeneous	50% Cellulose 10% Glass	40% Other	None Detected
118-25 / 13021166-005	Various Non-Fibrous Heterogeneous	20% Cellulose 5% Glass	75% Other	None Detected
118-26 / 13021166-006	Grey Fibrous Homogeneous	70% Cellulose 15% Glass	15% Other	None Detected

Certification

Signature: 
Date: 9/10/2013

Reviewed: 
Date: 9/10/2013

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

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804-897-1177 / 888-895-1177 / Fax 804-897-0070
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SanAir ID Number

13021166

Company: <i>The El Group - Burton</i>		Project #: <i>11H0130196.00</i>	Collect by:
Address:		Project Name: <i>Wadon State Hospital</i>	Phone #:
City, St., Zip:		Date Collected: <i>9-9-13</i>	Fax #:
State of Collection: <i>IL</i>	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	☐
			ABENY	NY ELAP 198.6 PLM NOB	☐			
ABHE	EPA 100.2	☐	ABBNY	NY ELAP 198.4 TEM NOB	☐	Matrix	Other	

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 whatdciit.com

[illegible]

Relinquished by	Date	Time	Received by	Date	Time
<i>Don LR</i>	9-9-13	1340	<i>(Signature)</i>	SEP 10 2013	01:30 AM

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 ____



WESTERN STATE HOSPITAL HAZARDOUS MATERIALS SURVEY

LAB ANALYSIS BUILDING #119

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/5/2013
Project Name: Western State
Hospital
Project #: IHR0130196.00
SanAir ID#: 13020579



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SanAir Technologies Laboratory, Inc.

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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 5, 2013

SanAir ID # 13020579
Project Name: Western State Hospital
Project Number: IHR0130196.00

Dear Melissa Hart,

We at SanAir would like to thank you for the work you recently submitted. The 32 sample(s) were received on Thursday, September 05, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 119-1, 119-2, 119-3, 119-4, 119-5, 119-6, 119-7, 119-8, 119-9, 119-10, 119-11, 119-12, 119-13, 119-14, 119-15, 119-16, 119-17, 119-18, 119-19, 119-20, 119-21, 119-22, 119-23, 119-24, 119-25, 119-26, 119-27, 119-28, 119-29, 119-30, 119-31, 119-32.

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



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

13020579

FINAL REPORT

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

Project Number: IHR0130196.00
P.O. Number:
Project Name: Western State Hospital

Collected Date: 9/4/2013
Received Date: 9/5/2013 10:15:00 AM
Report Date: 9/5/2013 4:03:32 PM
Analyst: Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
119-1 / 13020579-001 Cove Base	Beige Non-Fibrous Heterogeneous		100% Other		None Detected
119-1 / 13020579-001 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other		None Detected
119-2 / 13020579-002 Cove Base	Beige Non-Fibrous Heterogeneous		100% Other		None Detected
119-2 / 13020579-002 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other		None Detected
119-3 / 13020579-003 Cove Base	Black Non-Fibrous Heterogeneous		100% Other		None Detected
119-3 / 13020579-003 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other		None Detected
119-4 / 13020579-004 Cove Base	Black Non-Fibrous Heterogeneous		100% Other		None Detected
119-4 / 13020579-004 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other		None Detected
119-5 / 13020579-005	Yellow Non-Fibrous Heterogeneous		100% Other		None Detected

Certification

Signature: 
Date: 9/5/2013

Reviewed: 
Date: 9/5/2013

Page 1 of 6



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

13020579

FINAL REPORT

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

Project Number: IHR0130196.00
P.O. Number:
Project Name: Western State Hospital

Collected Date: 9/4/2013
Received Date: 9/5/2013 10:15:00 AM
Report Date: 9/5/2013 4:03:32 PM
Analyst: Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
119-6 / 13020579-006	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
119-7 / 13020579-007	Black Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
119-8 / 13020579-008	Black Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
119-9 / 13020579-009 Floor Tile	Tan Non-Fibrous Heterogeneous		97% Other	3% Chrysotile
119-9 / 13020579-009 Mastic	Black Non-Fibrous Heterogeneous		97% Other	3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
119-10 / 13020579-010 Floor Tile	Tan Non-Fibrous Heterogeneous		97% Other	3% Chrysotile
119-10 / 13020579-010 Mastic	Black Non-Fibrous Heterogeneous		97% Other	3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
119-11 / 13020579-011 Drywall	White Non-Fibrous Heterogeneous	5% Cellulose	95% Other	None Detected
119-11 / 13020579-011 Joint Compound	White Non-Fibrous Heterogeneous		100% Other	None Detected

Certification

Signature: 
Date: 9/5/2013

Reviewed: 
Date: 9/5/2013

Page 2 of 6



SanAir Technologies Laboratory, Inc.

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

SanAir ID Number

13020579

FINAL REPORT

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

Project Number: IHR0130196.00
P.O. Number:
Project Name: Western State Hospital

Collected Date: 9/4/2013
Received Date: 9/5/2013 10:15:00 AM
Report Date: 9/5/2013 4:03:32 PM
Analyst: Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
119-12 / 13020579-012 Drywall	White Non-Fibrous Heterogeneous	5% Cellulose	95% Other	None Detected
119-12 / 13020579-012 Joint Compound	White Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
119-13 / 13020579-013 Drywall	White Non-Fibrous Heterogeneous	5% Cellulose	95% Other	None Detected
119-13 / 13020579-013 Joint Compound	White Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
119-14 / 13020579-014 Drywall	White Non-Fibrous Heterogeneous	5% Cellulose	95% Other	None Detected
119-14 / 13020579-014 Joint Compound	White Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
119-15 / 13020579-015 Floor Tile	Beige Non-Fibrous Heterogeneous		100% Other	None Detected
119-15 / 13020579-015 Mastic	Black Non-Fibrous Heterogeneous		97% Other	3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
119-16 / 13020579-016 Floor Tile	Beige Non-Fibrous Heterogeneous		100% Other	None Detected
119-16 / 13020579-016 Mastic	Black Non-Fibrous Heterogeneous		97% Other	3% Chrysotile

Certification

Signature: 
Date: 9/5/2013

Reviewed: 
Date: 9/5/2013

Page 3 of 6



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

13020579

FINAL REPORT

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

Project Number: IHR0130196.00
P.O. Number:
Project Name: Western State Hospital
Collected Date: 9/4/2013
Received Date: 9/5/2013 10:15:00 AM
Report Date: 9/5/2013 4:03:32 PM
Analyst: Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
119-17 / 13020579-017	Grey Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
119-18 / 13020579-018	Grey Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
119-19 / 13020579-019	White Fibrous Heterogeneous	55% Cellulose 25% Glass 10% Min. Wool	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
119-20 / 13020579-020	White Fibrous Heterogeneous	55% Cellulose 20% Glass 10% Min. Wool	15% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
119-21 / 13020579-021	White Fibrous Heterogeneous	55% Cellulose 25% Glass 10% Min. Wool	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
119-22 / 13020579-022	White Fibrous Heterogeneous	55% Cellulose 25% Glass 10% Min. Wool	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
119-23 / 13020579-023 Cove Base	Brown Non-Fibrous Heterogeneous		100% Other	None Detected
119-23 / 13020579-023 Mastic	White Non-Fibrous Heterogeneous		100% Other	None Detected

Certification

Signature: 
Date: 9/5/2013

Reviewed: 
Date: 9/5/2013

Page 4 of 6



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

SanAir ID Number

13020579

FINAL REPORT

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

Project Number: IHR0130196.00
P.O. Number:
Project Name: Western State Hospital

Collected Date: 9/4/2013
Received Date: 9/5/2013 10:15:00 AM
Report Date: 9/5/2013 4:03:32 PM
Analyst: Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
119-24 / 13020579-024 Cove Base	Black Non-Fibrous Heterogeneous		100% Other	None Detected
119-24 / 13020579-024 Mastic	White Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
119-25 / 13020579-025	Grey Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
119-26 / 13020579-026	Grey Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
119-27 / 13020579-027	Grey Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
119-28 / 13020579-028	Grey Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
119-29 / 13020579-029	Grey Non-Fibrous Heterogeneous		100% Other	None Detected

Certification

Signature: 
Date: 9/5/2013

Reviewed: 
Date: 9/5/2013

Page 5 of 6



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

SanAir ID Number

13020579

FINAL REPORT

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

Project Number: IHR0130196.00
P.O. Number:
Project Name: Western State Hospital
Collected Date: 9/4/2013
Received Date: 9/5/2013 10:15:00 AM
Report Date: 9/5/2013 4:03:32 PM
Analyst: Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
119-30 / 13020579-030	Grey Non-Fibrous Heterogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
119-31 / 13020579-031	White Non-Fibrous Heterogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
119-32 / 13020579-032	White Non-Fibrous Heterogeneous		100% Other		None Detected

Certification

Signature: 
Date: 9/5/2013

Reviewed: 
Date: 9/5/2013

Page 6 of 6

Disclaimer

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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.

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Asbestos Chain of Custody

SanAir ID Number

13020579

Company: <u>The El Group Staunton</u>		Project #: <u>140013019600</u>		Collect by:
Address: <u>Mhart@ei1.com</u>		Project Name: <u>Western State Hospital</u>		Phone #:
City, St., Zip:		Date Collected: <u>9-4-13</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%) ☐
ABBTK	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 Send results to mhart@ei1.com

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop
119-01					
↓					
119-82					

Relinquished by	Date	Time	Received by	Date	Time
			<u>J. J. Brown</u>	<u>9/5/13</u>	<u>10:15 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: 9/11/2013
Project Name: Western State
Hospital
Project #: IHRO130196.00
SanAir ID#: 13021158



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 11, 2013

SanAir ID # 13021158
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 2 sample(s) were received on Tuesday, September 10, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 119-33, 119-34.

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

13021158

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 Hospital
Collected Date: 9/9/2013
Received Date: 9/10/2013 9:30:00 AM
Report Date: 9/11/2013 1:48:41 PM
Analyst: Sobrino, Sandra

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
119-33 / 13021158-001	Black Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
119-34 / 13021158-002 Built Up Roofing	Black Non-Fibrous Heterogeneous		100% Other	None Detected
119-34 / 13021158-002 Foam Insulation	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

Certification

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

Reviewed: *[Signature]*
Date: 9/11/2013

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, Inc.

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Asbestos Chain of Custody

SanAir ID Number

13021158

Company: <u>The El Group Staunton</u>	Project #: <u>1480130196.00</u>	Collect by:
Address:	Project Name: <u>Western 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 Email results to mhart@ei1.com

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop
119-33					
119-34					

Relinquished by	Date	Time	Received by	Date	Time
<u>[Signature]</u>	<u>9-9-13</u>	<u>1534</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 ___



WESTERN STATE HOSPITAL HAZARDOUS MATERIALS SURVEY

LAB ANALYSIS BUILDING #121

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/6/2013
Project Name: City Of Staunton
Project #: IHRO130196.00
SanAir ID#: 13020619



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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 6, 2013

SanAir ID # 13020619
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 69 sample(s) were received on Thursday, September 05, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 121-1, 121-2, 121-3, 121-4, 121-5, 121-6, 121-7, 121-8, 121-9, 121-10, 121-11, 121-12, 121-13, 121-14, 121-15, 121-16, 121-17, 121-18, 121-19, 121-20, 121-21, 121-22, 121-23, 121-24, 121-25, 121-26, 121-27, 121-28, 121-29, 121-30, 121-31, 121-32, 121-33, 121-34, 121-35, 121-36, 121-37, 121-38, 121-39, 121-40, 121-41, 121-42, 121-43, 121-44, 121-45, 121-46, 121-47, 121-48, 121-49, 121-50, 121-51, 121-52, 121-53, 121-54, 121-55, 121-56, 121-57, 121-58, 121-59, 121-60, 121-61, 121-62, 121-63, 121-64, 121-65, 121-66, 121-67, 121-68, 121-69.

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:

69 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

13020619

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: 9/3/2013
Received Date: 9/5/2013 10:15:00 AM
Report Date: 9/6/2013 10:46:49 AM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
121-1 / 13020619-001 Cove Base	Black Non-Fibrous Homogeneous		100% Other		None Detected
121-1 / 13020619-001 Mastic	Various Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
121-2 / 13020619-002 Cove Base	Black Non-Fibrous Homogeneous		100% Other		None Detected
121-2 / 13020619-002 Mastic	Various Non-Fibrous Homogeneous		100% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
121-3 / 13020619-003	White Fibrous Homogeneous	60% Cellulose 30% Glass	10% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
121-4 / 13020619-004	White Fibrous Homogeneous	60% Cellulose 30% Glass	10% Other		None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
121-5 / 13020619-005	Black Non-Fibrous Homogeneous		90% Other		10% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
121-6 / 13020619-006	Black Non-Fibrous Homogeneous		90% Other		10% Chrysotile

Certification

Signature: 
Date: 9/6/2013

Reviewed: 
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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

SanAir ID Number

13020619

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: 9/3/2013
Received Date: 9/5/2013 10:15:00 AM
Report Date: 9/6/2013 10:46:49 AM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
121-7 / 13020619-007	Beige Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
121-8 / 13020619-008	Beige Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
121-9 / 13020619-009	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
121-10 / 13020619-010	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
121-11 / 13020619-011 Floor Tile	Beige Non-Fibrous Homogeneous		100% Other	None Detected
121-11 / 13020619-011 Mastic	Black Non-Fibrous Homogeneous		97% Other	3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
121-12 / 13020619-012 Floor Tile	Beige Non-Fibrous Homogeneous		100% Other	None Detected
121-12 / 13020619-012 Mastic	Various Non-Fibrous Homogeneous		97% Other	3% Chrysotile

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Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-13 / 13020619-013	Various Non-Fibrous Homogeneous	7% Glass	93% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-14 / 13020619-014	Various Non-Fibrous Homogeneous	7% Glass	93% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-15 / 13020619-015 Wrap	Various Fibrous Homogeneous	55% Cellulose 4% Glass	41% Other	None Detected
121-15 / 13020619-015 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-16 / 13020619-016 Wrap	Various Fibrous Homogeneous	55% Cellulose 4% Glass	41% Other	None Detected
121-16 / 13020619-016 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-17 / 13020619-017	Various Non-Fibrous Homogeneous	10% Cellulose 20% Glass	70% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-18 / 13020619-018	Various Non-Fibrous Homogeneous	10% Cellulose 20% Glass	70% Other	None Detected

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Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-19 / 13020619-019 Ceramic Tile	White Non-Fibrous Homogeneous		100% Other	None Detected
121-19 / 13020619-019 Grout	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-20 / 13020619-020 Ceramic Tile	White Non-Fibrous Homogeneous		100% Other	None Detected
121-20 / 13020619-020 Grout	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-21 / 13020619-021 Floor Tile	Beige Non-Fibrous Homogeneous		100% Other	None Detected
121-21 / 13020619-021 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-22 / 13020619-022 Floor Tile	Beige Non-Fibrous Homogeneous		100% Other	None Detected
121-22 / 13020619-022 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-23 / 13020619-023 Floor Tile	Beige Non-Fibrous Homogeneous		100% Other	None Detected
121-23 / 13020619-023 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

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Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-24 / 13020619-024 Floor Tile	Beige Non-Fibrous Homogeneous		100% Other	None Detected
121-24 / 13020619-024 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-25 / 13020619-025 Floor Tile	Peach Non-Fibrous Homogeneous		100% Other	None Detected
121-25 / 13020619-025 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-26 / 13020619-026 Floor Tile	Peach Non-Fibrous Homogeneous		100% Other	None Detected
121-26 / 13020619-026 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-27 / 13020619-027 Drywall	Off-White Non-Fibrous Homogeneous	< 1% Cellulose < 1% Glass	100% Other	None Detected
121-27 / 13020619-027 Texture	White Non-Fibrous Homogeneous		98% Other	2% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-28 / 13020619-028 Drywall	Off-White Non-Fibrous Homogeneous	< 1% Cellulose < 1% Glass	100% Other	None Detected
121-28 / 13020619-028 Texture	White Non-Fibrous Homogeneous		98% Other	2% Chrysotile

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Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-29 / 13020619-029	White Fibrous Homogeneous	55% Cellulose 35% Glass	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-30 / 13020619-030	White Fibrous Homogeneous	55% Cellulose 35% Glass	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-31 / 13020619-031 Floor Tile	Off-White Non-Fibrous Homogeneous		100% Other	None Detected
121-31 / 13020619-031 Mastic	Various Non-Fibrous Homogeneous		97% Other	3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-32 / 13020619-032 Floor Tile	Off-White Non-Fibrous Homogeneous		100% Other	None Detected
121-32 / 13020619-032 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-33 / 13020619-033	White Fibrous Homogeneous	20% Cellulose 60% Glass	20% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-34 / 13020619-034	White Fibrous Homogeneous	20% Cellulose 60% Glass	20% Other	None Detected

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Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-35 / 13020619-035	Brown Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-36 / 13020619-036	Brown Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-37 / 13020619-037	Pink Fibrous Homogeneous	65% Glass 20% Cellulose	15% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-38 / 13020619-038	Pink Fibrous Homogeneous	65% Glass 20% Cellulose	15% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-39 / 13020619-039	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-40 / 13020619-040 Floor Tile	Beige Non-Fibrous Homogeneous		100% Other	None Detected
121-40 / 13020619-040 Mastic	Various Non-Fibrous Homogeneous	3% Cellulose	95% Other	2% Chrysotile

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Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-41 / 13020619-041 Floor Tile	Beige Non-Fibrous Homogeneous		100% Other	None Detected
121-41 / 13020619-041 Mastic	Various Non-Fibrous Homogeneous	2% Cellulose	98% Other	< 1% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-42 / 13020619-042	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-43 / 13020619-043	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-44 / 13020619-044	Various Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-45 / 13020619-045	Various Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-46 / 13020619-046	Black Non-Fibrous Homogeneous		95% Other	5% Chrysotile

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Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
121-47 / 13020619-047	Black Non-Fibrous Homogeneous		95%	Other	5% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
121-48 / 13020619-048	Beige Non-Fibrous Homogeneous	6% Cellulose 4% Glass	90%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
121-49 / 13020619-049	Grey Fibrous Homogeneous		20%	Other	80% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
121-50 / 13020619-050	Various Fibrous Homogeneous	80% Glass	20%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
121-51 / 13020619-051	Various Fibrous Homogeneous	80% Glass	20%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
121-52 / 13020619-052	Various Non-Fibrous Heterogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
121-53 / 13020619-053	Various Non-Fibrous Homogeneous		100%	Other	None Detected

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SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
121-54 / 13020619-054	Grey Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
121-55 / 13020619-055	Grey Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
121-56 / 13020619-056	Grey Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
121-57 / 13020619-057	Grey Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
121-58 / 13020619-058	Tan Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
121-59 / 13020619-059	Tan Non-Fibrous Homogeneous		100%	Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
121-60 / 13020619-060	Beige Non-Fibrous Homogeneous	20% Glass	75%	Other	5% Chrysotile

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		% Fibrous	% Non-Fibrous	
121-61 / 13020619-061	Beige Non-Fibrous Homogeneous	20% Glass 2% Cellulose	73% Other	5% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-62 / 13020619-062 Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
121-62 / 13020619-062 Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-63 / 13020619-063 Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
121-63 / 13020619-063 Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-64 / 13020619-064	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-65 / 13020619-065	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-66 / 13020619-066	Grey Non-Fibrous Homogeneous		100% Other	None Detected

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			% Non-Fibrous	
121-67 / 13020619-067	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
121-68 / 13020619-068	Beige Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
121-69 / 13020619-069	Beige Non-Fibrous Homogeneous		100% Other	None Detected

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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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Job No.:

AmeriSci Richmond
13635 Genito Road
Midlothian, VA 23112
Phone: (804) 763-1200
Fax: (804) 763-1800
TOLL FREE: (800) 476-5227
www.amerisci.com

SEP 05 2013 10:15 AM

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#: 13021164



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 11, 2013

SanAir ID # 13021164
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): 121-70, 121-71, 121-72, 121-73.

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

13021164

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 Hospital

Collected Date: 9/9/2013
Received Date: 9/10/2013 9:30:00 AM
Report Date: 9/11/2013 11:15:27 AM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-70 / 13021164-001 Tar	Black Non-Fibrous Homogeneous	45% Cellulose	55% Other	None Detected
121-70 / 13021164-001 Insulation	Tan Fibrous Homogeneous	90% Cellulose	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-71 / 13021164-002 Insulation	Grey Fibrous Homogeneous	60% Min. Wool 20% Cellulose	20% Other	None Detected
121-71 / 13021164-002 Insulation	Tan Fibrous Homogeneous	90% Cellulose	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-72 / 13021164-003 Tar	Black Non-Fibrous Homogeneous	45% Cellulose	55% Other	None Detected
121-72 / 13021164-003 Insulation	Tan Fibrous Homogeneous	90% Cellulose	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-73 / 13021164-004 Tar	Black Non-Fibrous Homogeneous	45% Cellulose	55% Other	None Detected
121-73 / 13021164-004 Insulation	Grey Fibrous Homogeneous	60% Min. Wool 20% Cellulose	20% Other	None Detected

Certification

Signature: 
Date: 9/11/2013

Reviewed: 
Date: 9/11/2013

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, Inc.

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www.sanair.com

Asbestos Chain of Custody

SanAir ID Number

13021164

Company: <u>The E1 Group - Staunton</u>		Project #: <u>1480130196 00</u>	Collect by:
Address:		Project Name: <u>Duke's 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/B2/020 ☐	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	<u>Email results to mhart@ei1.com</u>
----------------------	---------------------------------------

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop
121-70					
↓					
121-73					

Relinquished by	Date	Time	Received by	Date	Time
<u>[Signature]</u>	<u>9-9-13</u>	<u>15:40</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: 9/19/2013
Project Name: Western State Hosp.
Project #: IHR0130196
SanAir ID#: 13022021



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 19, 2013

SanAir ID # 13022021
Project Name: Western State Hosp.
Project Number: IHR0130196

Dear Stephen Clark,

We at SanAir would like to thank you for the work you recently submitted. The 1 sample(s) were received on Wednesday, September 18, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 121-74.

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.

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

SanAir ID Number

13022021

FINAL REPORT

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

Project Number: IHR0130196
P.O. Number: Bldg 121
Project Name: Western State Hosp.

Collected Date: 9/17/2013
Received Date: 9/18/2013 9:50:00 AM
Report Date: 9/19/2013 8:33:34 AM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
121-74 / 13022021-001	Grey Non-Fibrous Homogeneous		93% Other	7% Chrysotile

Certification

Signature: 
Date: 9/18/2013

Reviewed: 
Date: 9/19/2013

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

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804-897-1177 / 888-895-1177 / Fax 804-897-0070
www.sanair.com

SanAir ID Number

13022021

Company: <u>EJ Group, Inc.</u>		Project #: <u>JHR0130196</u>	Collect by: <u>Stephen Clark</u>
Address: <u>206 Walnut Hills Rd</u>		Project Name: <u>Western State Hosp.</u>	Phone #:
City, St., Zip: <u>Staunton, VA</u>		Date Collected: <u>9/17/2013</u>	Fax #:
State of Collection: <u>VA</u> Account#:		P.O. Number: <u>Bldg 121</u>	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%)	☐
ABBN	PLM EPA NOB	☐	ABT2	TEM Level II	☐			
ABBC	TEM Chatfield	☐				Dust		
ABBTM	TEM EPA NOB	☐	New York ELAP			ABWA	TEM Wipe ASTM D-6480	☐
Water			PLM NY	PLM 600/M4/82/020	☐	ABDMV	TEM Microvac ASTM D-5755	☐
			ABEPA2	NY ELAP 198.1	☐			
			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

[illegible]

Relinquished by	Date	Time	Received by	Date	Time
<i>[Signature]</i>	9/17/2013	17:00	<i>[Signature]</i>	SEP 18 2013	9:50am

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: 9/20/2013
Project Name: Western State Hosp.
Bldg. 121
Project #: IHRO130196.00
SanAir ID#: 13022143



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 20, 2013

SanAir ID # 13022143
Project Name: Western State Hosp. Bldg. 121
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 Thursday, September 19, 2013 via Fax or Email request. The final report(s) is enclosed for the following sample(s): 121-27, 121-28, 121-40, 121-41.

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

13022143

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. Bldg. 121
Collected Date: 9/3/2013
Received Date: 9/19/2013 8:00:00 AM
Report Date: 9/20/2013 9:31:47 AM
Analyst: Childress, Susan

Asbestos Bulk EPA PLM 400 Point Count

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
121-27 / 13022143-001	White Non-Fibrous Homogeneous		100% Other		< 0.25% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
121-28 / 13022143-002	White Non-Fibrous Homogeneous		100% Other		< 0.25% Chrysotile

Certification

Signature: 
Date: 9/20/2013

Reviewed: 
Date: 9/20/2013

Page 1 of 1

Disclaimer

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Suppose that $\mathcal{C}$ is a class of structures

AMERISCI RICHMOND
Job No.:

13022143
15020614

AmeriSci Richmond
13635 Genito Road
Midlothian, VA 23112
Phone: (804) 763-1200
Fax: (804) 763-1800
TOLL FREE: (800) 476-5227
www.ameriscisc.com

[illegible]

SEP 05 2013 10:15 AM

SEP 19 2013 8:00 AM

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

CP

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 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



WESTERN STATE HOSPITAL HAZARDOUS MATERIALS SURVEY

LAB ANALYSIS BUILDING #122

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/5/2013
Project Name: Western State Bldg
122
Project #: 196
SanAir ID#: 13020622



804.897.1177

www.sanair.com



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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

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

September 5, 2013

SanAir ID # 13020622
Project Name: Western State Bldg 122
Project Number: 196

Dear Melissa Hart,

We at SanAir would like to thank you for the work you recently submitted. The 39 sample(s) were received on Thursday, September 05, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 122-1, 122-2, 122-3, 122-4, 122-5, 122-6, 122-7, 122-8, 122-9, 122-10, 122-11, 122-12, 122-13, 122-14, 122-15, 122-16, 122-17, 122-18, 122-19, 122-20, 122-21, 122-22, 122-23, 122-24, 122-25, 122-26, 122-27, 122-28, 122-29, 122-30, 122-31, 122-32, 122-33, 122-34, 122-35, 122-36, 122-37, 122-38, 122-39.

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:
39 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

13020622

FINAL REPORT

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

Project Number: 196
P.O. Number:
Project Name: Western State Bldg 122

Collected Date: 9/4/2013
Received Date: 9/5/2013 10:15:00 AM
Report Date: 9/5/2013 4:12:05 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-1 / 13020622-001 Floor Tile	Tan Non-Fibrous Homogeneous		97% Other	3% Chrysotile
122-1 / 13020622-001 Mastic	Black Non-Fibrous Homogeneous		96% Other	4% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-2 / 13020622-002 Floor Tile	Tan Non-Fibrous Homogeneous		97% Other	3% Chrysotile
122-2 / 13020622-002 Mastic	Black Non-Fibrous Homogeneous		96% Other	4% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-3 / 13020622-003 Ceiling Tile	White Fibrous Homogeneous	55% Glass 30% Cellulose	15% Other	None Detected
122-3 / 13020622-003 Mastic	Brown Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-4 / 13020622-004 Ceiling Tile	White Fibrous Homogeneous	55% Glass 25% Cellulose	20% Other	None Detected
122-4 / 13020622-004 Mastic	Brown Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-5 / 13020622-005 Cove Base	Brown Non-Fibrous Homogeneous		100% Other	None Detected
122-5 / 13020622-005 Mastic	Brown Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: 
Date: 9/5/2013

Reviewed: 
Date: 9/5/2013

Page 1 of 7



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

13020622

FINAL REPORT

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

Project Number: 196
P.O. Number:
Project Name: Western State Bldg 122

Collected Date: 9/4/2013
Received Date: 9/5/2013 10:15:00 AM
Report Date: 9/5/2013 4:12:05 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
122-6 / 13020622-006 Cove Base	Brown Non-Fibrous Homogeneous		100% Other	None Detected
122-6 / 13020622-006 Mastic	Brown Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
122-7 / 13020622-007	Black Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
122-8 / 13020622-008	Black Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
122-9 / 13020622-009 Plaster	Beige Non-Fibrous Homogeneous		100% Other	None Detected
122-9 / 13020622-009 Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
122-10 / 13020622-010 Plaster	Beige Non-Fibrous Homogeneous		100% Other	None Detected
122-10 / 13020622-010 Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: 
Date: 9/5/2013

Reviewed: 
Date: 9/5/2013

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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

SanAir ID Number

13020622

FINAL REPORT

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

Project Number: 196
P.O. Number:
Project Name: Western State Bldg 122

Collected Date: 9/4/2013
Received Date: 9/5/2013 10:15:00 AM
Report Date: 9/5/2013 4:12:05 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-11 / 13020622-011	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-12 / 13020622-012	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-13 / 13020622-013 Drywall	Off-White Non-Fibrous Homogeneous	2% Cellulose	98% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-14 / 13020622-014 Drywall	Off-White Non-Fibrous Homogeneous	2% Cellulose	98% Other	None Detected
122-14 / 13020622-014 Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-15 / 13020622-015 Floor Tile	Grey Non-Fibrous Homogeneous		100% Other	None Detected
122-15 / 13020622-015 Mastic	Black Non-Fibrous Homogeneous	2% Cellulose	98% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-16 / 13020622-016 Floor Tile	Grey Non-Fibrous Homogeneous		100% Other	None Detected
122-16 / 13020622-016 Mastic	Black Non-Fibrous Homogeneous	2% Cellulose	98% Other	None Detected

Certification

Signature: 
Date: 9/5/2013

Reviewed: 
Date: 9/5/2013

Page 3 of 7



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SanAir ID Number

13020622

FINAL REPORT

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

Project Number: 196
P.O. Number:
Project Name: Western State Bldg 122

Collected Date: 9/4/2013
Received Date: 9/5/2013 10:15:00 AM
Report Date: 9/5/2013 4:12:05 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-17 / 13020622-017 Floor Tile	White Non-Fibrous Homogeneous		100% Other	None Detected
122-17 / 13020622-017 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-18 / 13020622-018 Floor Tile	White Non-Fibrous Homogeneous		100% Other	None Detected
122-18 / 13020622-018 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-19 / 13020622-019	White Fibrous Homogeneous	55% Cellulose 35% Glass	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-20 / 13020622-020	White Fibrous Homogeneous	55% Cellulose 35% Glass	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-21 / 13020622-021	White Fibrous Homogeneous	55% Cellulose 35% Glass	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-22 / 13020622-022	White Fibrous Homogeneous	55% Cellulose 35% Glass	10% Other	None Detected

Certification

Signature: *Susan Childress*
Date: 9/5/2013

Reviewed: *[Signature]*
Date: 9/5/2013

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SanAir ID Number

13020622

FINAL REPORT

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

Project Number: 196
P.O. Number:
Project Name: Western State Bldg 122

Collected Date: 9/4/2013
Received Date: 9/5/2013 10:15:00 AM
Report Date: 9/5/2013 4:12:05 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-23 / 13020622-023	Grey Non-Fibrous Homogeneous	20% Glass < 1% Cellulose	80% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-24 / 13020622-024	Grey Non-Fibrous Homogeneous	20% Glass < 1% Cellulose	80% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-25 / 13020622-025	Grey Non-Fibrous Homogeneous	20% Glass < 1% Cellulose	80% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-26 / 13020622-026	White Fibrous Homogeneous	60% Cellulose 30% Glass	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-27 / 13020622-027	White Fibrous Homogeneous	60% Cellulose 30% Glass	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-28 / 13020622-028	Black Non-Fibrous Homogeneous	4% Glass	86% Other	10% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-29 / 13020622-029	Black Non-Fibrous Homogeneous	4% Glass	86% Other	10% Chrysotile

Certification

Signature: 
Date: 9/5/2013

Reviewed: 
Date: 9/5/2013

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SanAir ID Number

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FINAL REPORT

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

Project Number: 196
P.O. Number:
Project Name: Western State Bldg 122

Collected Date: 9/4/2013
Received Date: 9/5/2013 10:15:00 AM
Report Date: 9/5/2013 4:12:05 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-30 / 13020622-030 Cove Base	Grey Non-Fibrous Homogeneous		100% Other	None Detected
122-30 / 13020622-030 Mastic	Brown Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-31 / 13020622-031 Cove Base	Grey Non-Fibrous Homogeneous		100% Other	None Detected
122-31 / 13020622-031 Mastic	Brown Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-32 / 13020622-032	White Fibrous Homogeneous	55% Cellulose 35% Glass	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-33 / 13020622-033	White Fibrous Homogeneous	55% Cellulose 35% Glass	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-34 / 13020622-034 Floor Tile	Various Non-Fibrous Homogeneous		100% Other	None Detected
122-34 / 13020622-034 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: 
Date: 9/5/2013

Reviewed: 
Date: 9/5/2013

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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

SanAir ID Number

13020622

FINAL REPORT

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

Project Number: 196
P.O. Number:
Project Name: Western State Bldg 122

Collected Date: 9/4/2013
Received Date: 9/5/2013 10:15:00 AM
Report Date: 9/5/2013 4:12:05 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-35 / 13020622-035 Floor Tile	Various Non-Fibrous Homogeneous		100% Other	None Detected
122-35 / 13020622-035 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-36 / 13020622-036 Stair Tread	Red Non-Fibrous Homogeneous		100% Other	None Detected
122-36 / 13020622-036 Mastic	Black Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-37 / 13020622-037 Stair Tread	Red Non-Fibrous Homogeneous		100% Other	None Detected
122-37 / 13020622-037 Mastic	Black Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-38 / 13020622-038 Floor Tile	Yellow Non-Fibrous Homogeneous		100% Other	None Detected
122-38 / 13020622-038 Mastic	Black Non-Fibrous Homogeneous		97% Other	3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-39 / 13020622-039 Floor Tile	Yellow Non-Fibrous Homogeneous		100% Other	None Detected
122-39 / 13020622-039 Mastic	Black Non-Fibrous Homogeneous		97% Other	3% Chrysotile

Certification

Signature: 
Date: 9/5/2013

Reviewed: 
Date: 9/5/2013

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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

SanAir Technologies Laboratory, Inc.

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Asbestos Chain of Custody

SanAir ID Number

13020622

Company: <u>E-I</u>	Project #: <u>156</u>	Collect by:
Address:	Project Name: <u>Western State</u>	Phone #:
City, St., Zip:	Date Collected: <u>bls 122</u>	Fax #:
State of Collection:	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 ☐				
		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 ☐		
		ABBNY	NY ELAP 198.4 TEM NOB ☐		
				Matrix	Other ☐

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

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop
122-001	Tan 9x9 w/black mastic				
002	" " " "				
003	1x1 ct with mastic				
004	" " " "				
005	Brown CB with mastic				
006	" " " "				
007	Black window slate				
008	" " " "				
009	Plaster ceiling with Brown Backing				
010	" " " "				
011	Interior bldg Cavity				
012	" " " "				

Relinquished by	Date	Time	Received by	Date	Time
			<u>KE</u>	SEP 05 2013	10:50am

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 4

SanAir Technologies Laboratory, Inc.

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Asbestos Chain of Custody

SanAir ID Number

13020622

Company: <u>ET</u>	Project #: <u>196</u>	Collect by:
Address:	Project Name: <u>Western State</u>	Phone #:
City, St., Zip:	Date Collected: <u>Bldg 122</u>	Fax #:
State of Collection:	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%) ☐
ABBN	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 ☐		
		ABBNY	NY ELAP 198.4 TEM NOB ☐	Matrix	Other ☐

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

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop
122-013	Drywall w/ TC				
014	" "				
015	12x12 with mastic seal				
016	" " " "				
017	12x12 white with mastic				
018	" " " "				
019	2x2 CT				
020	" "				
021	2x4 CT				
022	" "				
023	MJP				
024	" "				

Relinquished by	Date	Time	Received by	Date	Time
			<i>[Signature]</i>	SEP 05 2013	10:15am

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.

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SanAir ID Number

13020622

Company: <i>E.I.</i>		Project #: <i>196</i>	Collect by:
Address:		Project Name: <i>Western STAIR</i>	Phone #:
City, St., Zip:		Date Collected: <i>Bldg 122</i>	Fax #:
State of Collection:	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	☐
			ABENY	NY ELAP 198.6 PLM NOB	☐			
ABHE	EPA 100.2	☐	ABBNY	NY ELAP 198.4 TEM NOB	☐	Matrix	Other	

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

Special Instructions

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop
122-025	MTP				
026	Drywall ceiling TC				
027	" "				
028	Black pipe mastic				
029	" " "				
030	Gray concrete Base w/mastic				
031	" " " "				
032	1x1 pin hole CT				
033	" " " "				
034	speckled gyp				
035	" "				
036	1" red stain wood				

Relinquished by	Date	Time	Received by	Date	Time
			<i>KL</i>	SEP 05 2018	10:35 AM

Unless scheduled, the turn around time for all samples received after 3pm 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.

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Asbestos
Chain of Custody

SanAir ID Number

13020622

Company: <u>EI</u>		Project #: <u>196</u>	Collect by:
Address:		Project Name: <u>Western State</u>	Phone #:
City, St., Zip:		Date Collected: <u>Bldg 122</u>	Fax #:
State of Collection:	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 ☐		
		ABBNY	NY ELAP 198.4 TEM NOB ☐	Matrix	Other ☐

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

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop
122-037	red stair 7 local				
038	12x12 yellow				
039	12x12 yellow				
040					

Relinquished by	Date	Time	Received by	Date	Time
			<i>KF</i>	SEP 05 2013	10:15 AM

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 4 of 4

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/10/2013
Project Name: Bldg 122-Ext
Project #: 196
SanAir ID#: 13020998



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 10, 2013

SanAir ID # 13020998
Project Name: Bldg 122-Ext
Project Number: 196

Dear Melissa Hart,

We at SanAir would like to thank you for the work you recently submitted. The 6 sample(s) were received on Monday, September 09, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 122-1EXT, 122-2EXT, 122-3EXT, 122-4EXT, 122-5EXT, 122-6EXT.

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:
6 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

13020998

FINAL REPORT

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

Project Number: 196
P.O. Number:
Project Name: Bldg 122-Ext

Collected Date: 9/6/2013
Received Date: 9/9/2013 9:55:00 AM
Report Date: 9/10/2013 10:07:36 AM
Analyst: Sobrino, Sandra

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
122-1EXT / 13020998-001	Grey Non-Fibrous Homogeneous		100%	Other	None Detected
122-2EXT / 13020998-002	Grey Non-Fibrous Homogeneous		100%	Other	None Detected
122-3EXT / 13020998-003	Grey Non-Fibrous Homogeneous		100%	Other	None Detected
122-4EXT / 13020998-004	Grey Non-Fibrous Homogeneous		100%	Other	None Detected
122-5EXT / 13020998-005	Grey Non-Fibrous Homogeneous		100%	Other	None Detected
122-6EXT / 13020998-006	Grey Non-Fibrous Homogeneous		100%	Other	None Detected

Certification

Signature: *Sandra Sobrino*
Date: 9/10/2013

Reviewed: *[Signature]*
Date: 9/10/2013

Page 1 of 1

Disclaimer

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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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804-897-1177 / 888-895-1177 / Fax 804-897-0070
www.sanair.com

Asbestos
Chain of Custody

SanAir ID Number

13020998

Company: <u>ET</u>	Project #: <u>196</u>	Collect by: <u>V. L. ST</u>
Address:	Project Name: <u>Bldg 122-EXT</u>	Phone #:
City, St., Zip:	Date Collected: <u>9-6-13</u>	Fax #:
State of Collection:	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						
Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop	
122-1EXT	↑ ↓					
2 EXT						
3 EXT						
4 EXT						
5 EXT						
6 EXT						

Relinquished by	Date	Time	Received by	Date	Time
			<u>CP</u>	SEP 09 2013	9:55 AM

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: 9/11/2013
Project Name: City Of Staunton
Project #: IHRO130196
SanAir ID#: 13021163



804.897.1177

www.sanair.com



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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 11, 2013

SanAir ID # 13021163
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 6 sample(s) were received on Tuesday, September 10, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 122-40, 122-41, 122-42, 122-43, 122-44, 122-45.

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:
6 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

13021163

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: 9/10/2013 9:30:00 AM
Report Date: 9/11/2013 10:20:32 AM
Analyst: Tallert, Jonathan G.

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-40 / 13021163-001	Black Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-41 / 13021163-002	Black Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-42 / 13021163-003	Black Non-Fibrous Homogeneous		95% Other	5% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-43 / 13021163-004 Roof Core	Black Non-Fibrous Heterogeneous	20% Cellulose	80% Other	None Detected
122-43 / 13021163-004 Gypsum	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-44 / 13021163-005	Brown Fibrous Homogeneous	70% Cellulose	30% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-45 / 13021163-006	Black Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: 
Date: 9/11/2013

Reviewed: 
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

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**Asbestos
Chain of Custody**

SanAir ID Number

13021163

Company: <u>EJ Group Inc</u>		Project #: <u>JH20130196</u>		Collect by: <u>Stephen Clark</u>	
Address: <u>208 Walnut Hills Rd</u>		Project Name: <u>City of Staunton</u>		Phone #:	
City, St., Zip: <u>Staunton, VA</u>		Date Collected: <u>9/9/2013</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		
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

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop
122-40			ABB		
↓ - 41			↓		
↓ - 42					
↓ - 43					
↓ - 44					
↓ - 45			↓		

Prepared by: <u>[Signature]</u>	Date: <u>9/9/2013</u>	Time: <u>17:00</u>	Received by: <u>[Signature]</u>	Date: <u>SEP 10 2013</u>	Time: <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.

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/19/2013
Project Name: Western State
Hospital
Project #: IHR0130196
SanAir ID#: 13022166



NVLAP LAB CODE 200870-0



Certification # 652931



License # LAB0166



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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 19, 2013

SanAir ID # 13022166
Project Name: Western State Hospital
Project Number: IHR0130196

Dear Stephen Clark,

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 FedEx. The final report(s) is enclosed for the following sample(s): 122-46.

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



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SanAir ID Number

13022166

FINAL REPORT

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

Project Number: IHR0130196
P.O. Number: Bldg 122
Project Name: Western State Hospital

Collected Date: 9/18/2013
Received Date: 9/19/2013 10:10:00 AM
Report Date: 9/19/2013 1:22:06 PM
Analyst: Sobrino, Sandra

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
122-46 / 13022166-001 Tan Flooring	Tan Non-Fibrous Homogeneous		100% Other	None Detected
122-46 / 13022166-001 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected
122-46 / 13022166-001 Grey Flooring	Grey Non-Fibrous Homogeneous		100% Other	None Detected
122-46 / 13022166-001 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: *Sandra Sobrino*
Date: 9/19/2013

Reviewed: *[Signature]*
Date: 9/19/2013

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



WESTERN STATE HOSPITAL HAZARDOUS MATERIALS SURVEY

LAB ANALYSIS BUILDING #123

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/11/2013
Project Name: Western State
Project #: IHRO130196.00
SanAir ID#: 13021159



NVLAP LAB CODE 200870-0



Certification # 652931



License # LAB0166



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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 11, 2013

SanAir ID # 13021159
Project Name: Western State
Project Number: IHRO130196.00

Dear Melissa Hart,

We at SanAir would like to thank you for the work you recently submitted. The 48 sample(s) were received on Tuesday, September 10, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 123-1, 123-2, 123-3, 123-4, 123-5, 123-6, 123-7, 123-8, 123-9, 123-10, 123-11, 123-12, 123-13, 123-14, 123-15, 123-16, 123-17, 123-18, 123-19, 123-20, 123-21, 123-22, 123-23, 123-24, 123-25, 123-26, 123-27, 123-28, 123-29, 123-30, 123-31, 123-32, 123-33, 123-34, 123-35, 123-36, 123-37, 123-38, 123-39, 123-40, 123-41, 123-42, 123-43, 123-44, 123-45, 123-46, 123-47, 123-48.

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:

48 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

13021159

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

Collected Date: 9/9/2013
Received Date: 9/10/2013 9:30:00 AM
Report Date: 9/11/2013 12:11:42 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
123-1 / 13021159-001 Floor Tile	Brown Non-Fibrous Homogeneous		97% Other	3% Chrysotile
123-1 / 13021159-001 Mastic	Black Non-Fibrous Homogeneous		96% Other	4% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
123-2 / 13021159-002 Floor Tile	Brown Non-Fibrous Homogeneous		97% Other	3% Chrysotile
123-2 / 13021159-002 Mastic	Black Non-Fibrous Homogeneous		96% Other	4% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
123-3 / 13021159-003 Drywall	Off-White Non-Fibrous Homogeneous	< 1% Cellulose	100% Other	None Detected
123-3 / 13021159-003 Joint Compound	White Non-Fibrous Homogeneous		98% Other	2% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
123-4 / 13021159-004 Drywall	Off-White Non-Fibrous Homogeneous	< 1% Cellulose	100% Other	None Detected
123-4 / 13021159-004 Joint Compound	White Non-Fibrous Homogeneous		98% Other	2% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
123-5 / 13021159-005	White Fibrous Homogeneous	60% Cellulose 30% Glass	10% Other	None Detected

Certification

Signature: *Susan Childress*
Date: 9/11/2013

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

Page 1 of 9



SanAir Technologies Laboratory, Inc.

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

SanAir ID Number

13021159

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

Collected Date: 9/9/2013
Received Date: 9/10/2013 9:30:00 AM
Report Date: 9/11/2013 12:11:42 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-6 / 13021159-006	White Fibrous Homogeneous	60% Cellulose 30% Glass	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-7 / 13021159-007	White Fibrous Homogeneous	60% Cellulose 30% Glass	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-8 / 13021159-008	White Fibrous Homogeneous	60% Cellulose 30% Glass	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-9 / 13021159-009 Cove Base	Beige Non-Fibrous Homogeneous		100% Other	None Detected
123-9 / 13021159-009 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-10 / 13021159-010 Cove Base	Beige Non-Fibrous Homogeneous		100% Other	None Detected
123-10 / 13021159-010 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-11 / 13021159-011 Cove Base	Black Non-Fibrous Homogeneous		100% Other	None Detected
123-11 / 13021159-011 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: *Susan Childress*
Date: 9/11/2013

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

Page 2 of 9



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

SanAir ID Number

13021159

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

Collected Date: 9/9/2013
Received Date: 9/10/2013 9:30:00 AM
Report Date: 9/11/2013 12:11:42 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-12 / 13021159-012 Cove Base	Black Non-Fibrous Homogeneous		100% Other	None Detected
123-12 / 13021159-012 Mastic	Tan Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-13 / 13021159-013 Floor Tile	Brown Non-Fibrous Homogeneous		97% Other	3% Chrysotile
123-13 / 13021159-013 Mastic	Black Non-Fibrous Homogeneous		96% Other	4% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-14 / 13021159-014 Floor Tile	Brown Non-Fibrous Homogeneous		97% Other	3% Chrysotile
123-14 / 13021159-014 Mastic	Black Non-Fibrous Homogeneous		96% Other	4% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-15 / 13021159-015 Floor Tile	Off-White Non-Fibrous Homogeneous		97% Other	3% Chrysotile
123-15 / 13021159-015 Mastic	Black Non-Fibrous Homogeneous		96% Other	4% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-16 / 13021159-016 Floor Tile	Off-White Non-Fibrous Homogeneous		97% Other	3% Chrysotile
123-16 / 13021159-016 Mastic	Black Non-Fibrous Homogeneous		96% Other	4% Chrysotile

Certification

Signature: *Susan Childress*
Date: 9/11/2013

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

Page 3 of 9



SanAir Technologies Laboratory, Inc.

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

SanAir ID Number

13021159

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

Collected Date: 9/9/2013
Received Date: 9/10/2013 9:30:00 AM
Report Date: 9/11/2013 12:11:42 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-17 / 13021159-017 Floor Tile	Tan Non-Fibrous Homogeneous		97% Other	3% Chrysotile
123-17 / 13021159-017 Mastic	Black Non-Fibrous Homogeneous		96% Other	4% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-18 / 13021159-018 Floor Tile	Tan Non-Fibrous Homogeneous		97% Other	3% Chrysotile
123-18 / 13021159-018 Mastic	Black Non-Fibrous Homogeneous		96% Other	4% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-19 / 13021159-019 Floor Tile	Brown Non-Fibrous Homogeneous		97% Other	3% Chrysotile
123-19 / 13021159-019 Mastic	Black Non-Fibrous Homogeneous		98% Other	2% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-20 / 13021159-020 Floor Tile	Brown Non-Fibrous Homogeneous		97% Other	3% Chrysotile
123-20 / 13021159-020 Mastic	Black Non-Fibrous Homogeneous		98% Other	2% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-21 / 13021159-021 Carpet	Various Fibrous Homogeneous	80% Synthetic	20% Other	None Detected
123-21 / 13021159-021 Mastic	Yellow Non-Fibrous Homogeneous	< 1% Synthetic	100% Other	None Detected

Certification

Signature: *Susan Childress*
Date: 9/11/2013

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

Page 4 of 9



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

13021159

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

Collected Date: 9/9/2013
Received Date: 9/10/2013 9:30:00 AM
Report Date: 9/11/2013 12:11:42 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-22 / 13021159-022 Carpet	Various Fibrous Homogeneous	80% Synthetic	20% Other	None Detected
123-22 / 13021159-022 Mastic	Yellow Non-Fibrous Homogeneous	< 1% Synthetic	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-23 / 13021159-023 Floor Tile	White Non-Fibrous Homogeneous		100% Other	None Detected
123-23 / 13021159-023 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-24 / 13021159-024 Floor Tile	White Non-Fibrous Homogeneous		100% Other	None Detected
123-24 / 13021159-024 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-25 / 13021159-025	White Non-Fibrous Homogeneous	5% Cellulose	95% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-26 / 13021159-026	White Non-Fibrous Homogeneous	5% Cellulose	95% Other	None Detected

Certification

Signature: *Susan Childress*
Date: 9/11/2013

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

Page 5 of 9



SanAir Technologies Laboratory, Inc.

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

SanAir ID Number

13021159

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

Collected Date: 9/9/2013
Received Date: 9/10/2013 9:30:00 AM
Report Date: 9/11/2013 12:11:42 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
123-27 / 13021159-027	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
123-28 / 13021159-028	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
123-29 / 13021159-029	Various Fibrous Homogeneous	98% Synthetic	2% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
123-30 / 13021159-030	Various Fibrous Homogeneous	98% Synthetic	2% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
123-31 / 13021159-031 Cove Base	Brown Non-Fibrous Homogeneous		100% Other	None Detected
123-31 / 13021159-031 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
123-32 / 13021159-032 Cove Base	Brown Non-Fibrous Homogeneous		100% Other	None Detected
123-32 / 13021159-032 Mastic	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: *Susan Childress*
Date: 9/11/2013

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

Page 6 of 9



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

13021159

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

Collected Date: 9/9/2013
Received Date: 9/10/2013 9:30:00 AM
Report Date: 9/11/2013 12:11:42 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-33 / 13021159-033	Off-White Non-Fibrous Homogeneous	2% Glass	98% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-34 / 13021159-034	White Non-Fibrous Homogeneous	2% Glass	98% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-35 / 13021159-035	Grey Non-Fibrous Homogeneous		94% Other	6% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-36 / 13021159-036	Grey Non-Fibrous Homogeneous		94% Other	6% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-37 / 13021159-037	Beige Non-Fibrous Homogeneous	< 1% Cellulose 20% Glass	80% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-38 / 13021159-038	Beige Non-Fibrous Homogeneous	< 1% Cellulose 20% Glass	80% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-39 / 13021159-039 Ceiling Tile	White Fibrous Homogeneous	55% Cellulose 35% Glass	10% Other	None Detected
123-39 / 13021159-039 Mastic	Brown Non-Fibrous Homogeneous	< 1% Cellulose < 1% Glass	100% Other	None Detected

Certification

Signature: *Susan Childress*
Date: 9/11/2013

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

Page 7 of 9



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

13021159

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

Collected Date: 9/9/2013
Received Date: 9/10/2013 9:30:00 AM
Report Date: 9/11/2013 12:11:42 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-40 / 13021159-040 Ceiling Tile	White Fibrous Homogeneous	55% Cellulose 35% Glass	10% Other	None Detected
123-40 / 13021159-040 Mastic	Brown Non-Fibrous Homogeneous	< 1% Cellulose < 1% Glass	100% Other	None Detected
123-41 / 13021159-041	Off-White Non-Fibrous Homogeneous	5% Cellulose	95% Other	None Detected
123-42 / 13021159-042	Off-White Non-Fibrous Homogeneous	5% Cellulose	95% Other	None Detected
123-43 / 13021159-043	Beige Non-Fibrous Homogeneous	6% Cellulose	94% Other	None Detected
123-44 / 13021159-044	Beige Non-Fibrous Homogeneous	6% Cellulose	94% Other	None Detected
123-45 / 13021159-045	Clear Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: *Susan Childress*
Date: 9/11/2013

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

Page 8 of 9



SanAir Technologies Laboratory, Inc.

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

SanAir ID Number

13021159

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

Collected Date: 9/9/2013
Received Date: 9/10/2013 9:30:00 AM
Report Date: 9/11/2013 12:11:42 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
				% Non-Fibrous	
123-46 / 13021159-046	Clear Non-Fibrous Homogeneous			100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
				% Non-Fibrous	
123-47 / 13021159-047	Clear Non-Fibrous Homogeneous			100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
				% Non-Fibrous	
123-48 / 13021159-048	Clear Non-Fibrous Homogeneous			100% Other	None Detected

Certification

Signature: *Susan Childress*
Date: 9/11/2013

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

Page 9 of 9

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, Inc.

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www.sanair.com

Asbestos Chain of Custody

SanAir ID Number

13021159

Company: <u>EI GROUP</u>		Project #: <u>1HR0130196.00</u>	Collect by: <u>J. T. HART</u>
Address: <u>208 WALNUT HILLS RD</u>		Project Name: <u>Wesley State</u>	Phone #: <u>540-490-0645</u>
City, St., Zip: <u>Staunton VA</u>		Date Collected: <u>9/9/13</u>	Fax #:
State of Collection: <u>VA</u>	Account#:	P.O. Number:	Email: <u>MHART@EI1.COM</u>

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					
Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop
123-01	{	{	ABB	{	{
123-48					

Relinquished by	Date	Time	Received by	Date	Time
<u>J. T. HART</u>	<u>9/9/13</u>	<u>5:00 PM</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 1 of 1

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/20/2013
Project Name: Western State, Bldg.
123
Project #: IHRO130196.00
SanAir ID#: 13022149



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 # 13022149
Project Name: Western State, Bldg. 123
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 Thursday, September 19, 2013 via Fax or Email request. The final report(s) is enclosed for the following sample(s): 123-3, 123-4.

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.

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

13022149

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, Bldg. 123

Collected Date: 9/9/2013
Received Date: 9/19/2013 8:00:00 AM
Report Date: 9/20/2013 9:31:22 AM
Analyst: Childress, Susan

Asbestos Bulk EPA PLM 400 Point Count

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
123-3 / 13022149-001	Various Non-Fibrous Homogeneous		100% Other		< 0.25% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
123-4 / 13022149-002	Various Non-Fibrous Homogeneous		100% Other		< 0.25% Chrysotile

Certification

Signature: 
Date: 9/20/2013

Reviewed: 
Date: 9/20/2013

Page 1 of 1

Disclaimer

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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 8:00AM

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 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



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

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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 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



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

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

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

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

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

Certification

Signature:

Date: 9/6/2013

Reviewed:

Date: 9/6/2013

Page 1 of 5



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

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	
124-7 / 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



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

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	
124-12 / 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

Certification

Signature:

Date: 9/6/2013

Reviewed:

Date: 9/6/2013

Page 3 of 5



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

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

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	
----------------------	--

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop
124-01			ABB		
↓					
↓					
124-27			↓		

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

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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

El 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.

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

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.

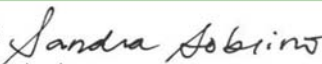
Asbestos Bulk EPA PLM 400 Point Count

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

Disclaimer

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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 8:00 AM



WESTERN STATE HOSPITAL HAZARDOUS MATERIALS SURVEY

LAB ANALYSIS BUILDING #125

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/12/2013
Project Name: Bldg 125
Project #: 196
SanAir ID#: 13021266



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 12, 2013

SanAir ID # 13021266
Project Name: Bldg 125
Project Number: 196

Dear Melissa Hart,

We at SanAir would like to thank you for the work you recently submitted. The 16 sample(s) were received on Wednesday, September 11, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 125-1, 125-2, 125-3, 125-4, 125-5, 125-6, 125-7, 125-8, 125-9, 125-10, 125-11, 125-12, 125-13, 125-14, 125-15, 125-16.

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:
16 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

13021266

FINAL REPORT

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

Project Number: 196
P.O. Number: Wstn State Hosp
Project Name: Bldg 125

Collected Date: 9/10/2013
Received Date: 9/11/2013 10:10:00 AM
Report Date: 9/12/2013 11:21:02 AM
Analyst: Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-1 / 13021266-001	White	45% Cellulose	5% Other	None Detected
	Fibrous	35% Glass		
	Heterogeneous	15% Min. Wool		

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-2 / 13021266-002	White	45% Cellulose	10% Other	None Detected
	Fibrous	35% Glass		
	Heterogeneous	10% Min. Wool		

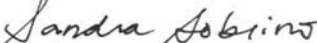
SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-3 / 13021266-003 Insulation	Grey	12% Cellulose	53% Other	None Detected
	Fibrous	35% Glass		
	Heterogeneous			
125-3 / 13021266-003 Cover	White	40% Cellulose	60% Other	None Detected
	Fibrous			
	Heterogeneous			
125-3 / 13021266-003 Insulation	White		97% Other	3% Amosite
	Non-Fibrous			
	Heterogeneous			

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-4 / 13021266-004 Insulation	Grey	8% Cellulose	27% Other	None Detected
	Fibrous	65% Glass		
	Heterogeneous			
125-4 / 13021266-004 Cover	White	30% Cellulose	70% Other	None Detected
	Non-Fibrous			
	Heterogeneous			

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-5 / 13021266-005 Insulation	White		97% Other	3% Amosite
	Non-Fibrous			
	Heterogeneous			
125-5 / 13021266-005 Cover	White	30% Cellulose	62% Other	None Detected
	Non-Fibrous	8% Glass		
	Heterogeneous			

Certification

Signature: 
Date: 9/12/2013

Reviewed: 
Date: 9/12/2013

Page 1 of 3



SanAir Technologies Laboratory, Inc.

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

SanAir ID Number

13021266

FINAL REPORT

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

Project Number: 196
P.O. Number: Wstn State Hosp
Project Name: Bldg 125

Collected Date: 9/10/2013
Received Date: 9/11/2013 10:10:00 AM
Report Date: 9/12/2013 11:21:02 AM
Analyst: Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-6 / 13021266-006	White Non-Fibrous Heterogeneous	8% Glass	88% Other	4% Amosite

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-7 / 13021266-007 Floor Tile	Brown Non-Fibrous Heterogeneous		100% Other	None Detected
125-7 / 13021266-007 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
125-7 / 13021266-007 Floor Tile	White Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-8 / 13021266-008 Floor Tile	Beige Non-Fibrous Heterogeneous		100% Other	None Detected
125-8 / 13021266-008 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
125-8 / 13021266-008 Floor Tile	White Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-9 / 13021266-009	Tan Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-10 / 13021266-010	Tan Non-Fibrous Heterogeneous		100% Other	None Detected

Certification

Signature: 
Date: 9/12/2013

Reviewed: 
Date: 9/12/2013

Page 2 of 3



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

13021266

FINAL REPORT

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

Project Number: 196
P.O. Number: Wstn State Hosp
Project Name: Bldg 125

Collected Date: 9/10/2013
Received Date: 9/11/2013 10:10:00 AM
Report Date: 9/12/2013 11:21:02 AM
Analyst: Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
125-11 / 13021266-011	Grey Non-Fibrous Heterogeneous		100% Other		< 1% Chrysotile
125-12 / 13021266-012	Grey Non-Fibrous Heterogeneous		100% Other		< 1% Chrysotile
125-13 / 13021266-013	Grey Non-Fibrous Heterogeneous		100% Other		< 1% Chrysotile
125-14 / 13021266-014	Grey Non-Fibrous Heterogeneous		95% Other		5% Chrysotile
125-15 / 13021266-015	Grey Non-Fibrous Heterogeneous		97% Other		3% Chrysotile
125-16 / 13021266-016	Grey Non-Fibrous Heterogeneous		97% Other		3% Chrysotile

Certification

Signature: *Nathan Vaughan*
Date: 9/12/2013

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

Page 3 of 3

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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www.sanair.com

Asbestos Chain of Custody

SanAir ID Number

13021266

Company: <u>EI</u>	Project #: <u>156</u>	Collect by:
Address:	Project Name: <u>Bldg 125</u>	Phone #:
City, St., Zip:	Date Collected: <u>Wsta State Hosp</u>	Fax #:
State of Collection:	Account#:	P.O. Number: <u>9-10-13</u>
		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 ☐		
		ABBNY	NY ELAP 198.4 TEM NOB ☐	Matrix	Other ☐

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

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop
125- 001	↑				
002					
003					
004					
005					
006					
007					
008					
009					
010					
011					
012	↓				

Relinquished by	Date	Time	Received by	Date	Time
<u>[Signature]</u>	<u>9-10-13</u>	<u>1700</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 ___

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www.sanair.com

Asbestos Chain of Custody

SanAir ID Number

13021266

Company: <u>E.I.</u>	Project #: <u>196</u>	Collect by:
Address:	Project Name: <u>Bldg 125</u>	Phone #:
City, St., Zip:	Date Collected: <u>USTN State Hosp</u>	Fax #:
State of Collection:	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						
Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop	
125-013	↑					
↓ 014	↓					
125-015						
125-016						

Relinquished by	Date	Time	Received by	Date	Time
			<u>[Signature]</u>	SEP 11 2013	10:10 AM

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: 9/12/2013
Project Name: Bldg 125
Project #: 196
SanAir ID#: 13021266



NVLAP LAB CODE 200870-0



LAB # 102012



Certification # 652931



License # LAB0166



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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 12, 2013

SanAir ID # 13021266
Project Name: Bldg 125
Project Number: 196

Dear Melissa Hart,

We at SanAir would like to thank you for the work you recently submitted. The 16 sample(s) were received on Wednesday, September 11, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 125-1, 125-2, 125-3, 125-4, 125-5, 125-6, 125-7, 125-8, 125-9, 125-10, 125-11, 125-12, 125-13, 125-14, 125-15, 125-16.

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:
16 sample(s) in Good condition



SanAir Technologies Laboratory, Inc.

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SanAir ID Number

13021266

FINAL REPORT

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

Project Number: 196
P.O. Number: Wstn State Hosp
Project Name: Bldg 125

Collected Date: 9/10/2013
Received Date: 9/11/2013 10:10:00 AM
Report Date: 9/12/2013 11:21:02 AM
Analyst: Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-1 / 13021266-001	White	45% Cellulose	5% Other	None Detected
	Fibrous	35% Glass		
	Heterogeneous	15% Min. Wool		

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-2 / 13021266-002	White	45% Cellulose	10% Other	None Detected
	Fibrous	35% Glass		
	Heterogeneous	10% Min. Wool		

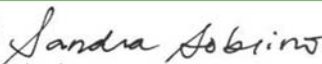
SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-3 / 13021266-003 Insulation	Grey	12% Cellulose	53% Other	None Detected
	Fibrous	35% Glass		
	Heterogeneous			
125-3 / 13021266-003 Cover	White	40% Cellulose	60% Other	None Detected
	Fibrous			
	Heterogeneous			
125-3 / 13021266-003 Insulation	White		97% Other	3% Amosite
	Non-Fibrous			
	Heterogeneous			

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-4 / 13021266-004 Insulation	Grey	8% Cellulose	27% Other	None Detected
	Fibrous	65% Glass		
	Heterogeneous			
125-4 / 13021266-004 Cover	White	30% Cellulose	70% Other	None Detected
	Non-Fibrous			
	Heterogeneous			

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-5 / 13021266-005 Insulation	White		97% Other	3% Amosite
	Non-Fibrous			
	Heterogeneous			
125-5 / 13021266-005 Cover	White	30% Cellulose	62% Other	None Detected
	Non-Fibrous	8% Glass		
	Heterogeneous			

Certification

Signature: 
Date: 9/12/2013

Reviewed: 
Date: 9/12/2013

Page 1 of 3



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

SanAir ID Number

13021266

FINAL REPORT

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

Project Number: 196
P.O. Number: Wstn State Hosp
Project Name: Bldg 125

Collected Date: 9/10/2013
Received Date: 9/11/2013 10:10:00 AM
Report Date: 9/12/2013 11:21:02 AM
Analyst: Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-6 / 13021266-006	White Non-Fibrous Heterogeneous	8% Glass	88% Other	4% Amosite

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-7 / 13021266-007 Floor Tile	Brown Non-Fibrous Heterogeneous		100% Other	None Detected
125-7 / 13021266-007 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
125-7 / 13021266-007 Floor Tile	White Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-8 / 13021266-008 Floor Tile	Beige Non-Fibrous Heterogeneous		100% Other	None Detected
125-8 / 13021266-008 Mastic	Yellow Non-Fibrous Heterogeneous		100% Other	None Detected
125-8 / 13021266-008 Floor Tile	White Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-9 / 13021266-009	Tan Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-10 / 13021266-010	Tan Non-Fibrous Heterogeneous		100% Other	None Detected

Certification

Signature: 
Date: 9/12/2013

Reviewed: 
Date: 9/12/2013

Page 2 of 3



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

SanAir ID Number

13021266

FINAL REPORT

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

Project Number: 196
P.O. Number: Wstn State Hosp
Project Name: Bldg 125

Collected Date: 9/10/2013
Received Date: 9/11/2013 10:10:00 AM
Report Date: 9/12/2013 11:21:02 AM
Analyst: Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
125-11 / 13021266-011	Grey Non-Fibrous Heterogeneous		100% Other		< 1% Chrysotile
125-12 / 13021266-012	Grey Non-Fibrous Heterogeneous		100% Other		< 1% Chrysotile
125-13 / 13021266-013	Grey Non-Fibrous Heterogeneous		100% Other		< 1% Chrysotile
125-14 / 13021266-014	Grey Non-Fibrous Heterogeneous		95% Other		5% Chrysotile
125-15 / 13021266-015	Grey Non-Fibrous Heterogeneous		97% Other		3% Chrysotile
125-16 / 13021266-016	Grey Non-Fibrous Heterogeneous		97% Other		3% Chrysotile

Certification

Signature: 
Date: 9/12/2013

Reviewed: 
Date: 9/12/2013

Page 3 of 3

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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Asbestos Chain of Custody

SanAir ID Number

13021266

Company: <u>EI</u>	Project #: <u>156</u>	Collect by:
Address:	Project Name: <u>Bldg 125</u>	Phone #:
City, St., Zip:	Date Collected: <u>Wsta State Hosp</u>	Fax #:
State of Collection:	Account#:	P.O. Number: <u>9-10-13</u>
		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 ☐		
		ABBNY	NY ELAP 198.4 TEM NOB ☐	Matrix	Other ☐

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

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop
125- 001					
002					
003					
004					
005					
006					
007					
008					
009					
010					
011					
012					

Relinquished by	Date	Time	Received by	Date	Time
<u>[Signature]</u>	<u>9-10-13</u>	<u>1700</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.

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Asbestos Chain of Custody

SanAir ID Number

13021266

Company: <u>E.I.</u>	Project #: <u>196</u>	Collect by:
Address:	Project Name: <u>Bldg 125</u>	Phone #:
City, St., Zip:	Date Collected: <u>USTN State Hosp</u>	Fax #:
State of Collection:	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						
Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop	
125-013	↑					
↓ 014	↓					
125-015						
125-016						

Relinquished by	Date	Time	Received by	Date	Time
			<u>[Signature]</u>	SEP 11 2013	10:10 AM

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: 9/18/2013
Project Name: Western State Hosp.
Project #: IHR0130196
SanAir ID#: 13022023



804.897.1177

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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

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

September 18, 2013

SanAir ID # 13022023
Project Name: Western State Hosp.
Project Number: IHR0130196

Dear Stephen Clark,

We at SanAir would like to thank you for the work you recently submitted. The 10 sample(s) were received on Wednesday, September 18, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 125-17, 125-18, 125-19, 125-20, 125-21, 125-22, 125-23, 125-24, 125-25, 125-26.

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:
10 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

13022023

FINAL REPORT

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

Project Number: IHR0130196
P.O. Number: Bldg 125
Project Name: Western State Hosp.

Collected Date: 9/17/2013
Received Date: 9/18/2013 9:50:00 AM
Report Date: 9/18/2013 3:30:08 PM
Analyst: Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-17 / 13022023-001	Grey Non-Fibrous Homogeneous	10% Min. Wool	90% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-18 / 13022023-002	Grey Non-Fibrous Homogeneous	10% Min. Wool	90% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-19 / 13022023-003	Grey Non-Fibrous Homogeneous		97% Other	3% Amosite

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-20 / 13022023-004	White Non-Fibrous Homogeneous		95% Other	5% Chrysotile

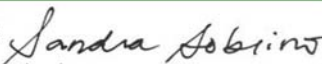
SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-21 / 13022023-005	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-22 / 13022023-006	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-23 / 13022023-007	Grey Non-Fibrous Homogeneous		98% Other	2% Chrysotile

Certification

Signature: 
Date: 9/18/2013

Reviewed: 
Date: 9/18/2013

Page 1 of 2



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

13022023

FINAL REPORT

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

Project Number: IHR0130196
P.O. Number: Bldg 125
Project Name: Western State Hosp.

Collected Date: 9/17/2013
Received Date: 9/18/2013 9:50:00 AM
Report Date: 9/18/2013 3:30:08 PM
Analyst: Pisula, Nicholas

Asbestos Bulk PLM EPA 600/R-93/116

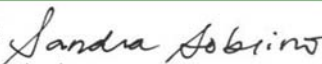
SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-24 / 13022023-008	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-25 / 13022023-009	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-26 / 13022023-010	Grey Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: 
Date: 9/18/2013

Reviewed: 
Date: 9/18/2013

Page 2 of 2

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, 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

13022023

Company: <u>EJ Group, Inc</u>	Project #: <u>JN40130196</u>	Collect by: <u>Stephen Clark</u>
Address: <u>2046 Walnut Hills Rd</u>	Project Name: <u>Western State Hosp</u>	Phone #:
City, St., Zip: <u>Staunton, VA</u>	Date Collected: <u>9/17/2013</u>	Fax #:
State of Collection: <u>VA</u> Account#:	P.O. Number: <u>Bldg 125</u>	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-8480 ☐
		ABEPA2	NY ELAP 198.1 ☐	ABDMV	TEM Microvac ASTM D-5755 ☐
		ABENY	NY ELAP 198.6 PLM NOB ☐		
		ABBNY	NY ELAP 198.4 TEM NOB ☐	Matrix	Other ☐

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

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop
125-17			ABB		
18					
19					
20					
21					
22					
23					
24					
25					
26					

Relinquished by	Date	Time	Received by	Date	Time
<u>SA</u>	<u>9/17/2013</u>	<u>1700</u>	<u>KL</u>	<u>SEP 18 2013</u>	<u>9:50am</u>

Unless scheduled, the turn around time for all samples received after 3pm 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



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



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



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

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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804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
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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	
126-12 / 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	% Fibrous	Components	Asbestos Fibers
			% 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	% Fibrous	Components	Asbestos Fibers
			% 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	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
126-15 / 13021273-015	White Fibrous Homogeneous	55% Cellulose 35% Glass	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% 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 Sobrino*
Date: 9/12/2013

Page 3 of 6



SanAir Technologies Laboratory, Inc.

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804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
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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	
126-17 / 13021273-017	Grey Non-Fibrous Homogeneous	30% Glass	70% Other	None Detected

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

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

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

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

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

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% 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 Sobrino*
Date: 9/12/2013

Page 4 of 6



SanAir Technologies Laboratory, Inc.

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804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
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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 Sobrin*
Date: 9/12/2013

Page 5 of 6



SanAir Technologies Laboratory, Inc.

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804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
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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	
126-31 / 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

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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. 126
Project #: IHRO130196
SanAir ID#: 13022145



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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

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



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

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

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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



WESTERN STATE HOSPITAL HAZARDOUS MATERIALS SURVEY

LAB ANALYSIS BUILDING #127

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/9/2013
Project Name: WST State Hosp
Admin Bldg 12
Project #: 196
SanAir ID#: 13020894



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 9, 2013

SanAir ID # 13020894
Project Name: WST State Hosp Admin Bldg 12
Project Number: 196

Dear Melissa Hart,

We at SanAir would like to thank you for the work you recently submitted. The 44 sample(s) were received on Friday, September 06, 2013 via FedEx. The final report(s) is enclosed for the following sample(s): 127-1, 127-2, 127-3, 127-4, 127-5, 127-6, 127-7, 127-8, 127-9, 127-10, 127-11, 127-12, 127-13, 127-14, 127-15, 127-16, 127-17, 127-18, 127-19, 127-20, 127-21, 127-22, 127-23, 127-24, 127-25, 127-26, 127-27, 127-28, 127-29, 127-30, 127-31, 127-32, 127-33, 127-34, 127-35, 127-36, 127-37, 127-38, 127-39, 127-40, 127-41, 127-42, 127-43, 127-44.

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:
44 sample(s) in Good condition



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SanAir ID Number

13020894

FINAL REPORT

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

Project Number: 196
P.O. Number:
Project Name: WST State Hosp Admin Bldg 12

Collected Date: 9/5/2013
Received Date: 9/6/2013 10:20:00 AM
Report Date: 9/9/2013 11:39:47 AM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
127-1 / 13020894-001 Floor Tile	Off-White Non-Fibrous Homogeneous		97% Other	3% Chrysotile
127-1 / 13020894-001 Mastic	Black Non-Fibrous Homogeneous		96% Other	4% Chrysotile
127-2 / 13020894-002 Floor Tile	Off-White Non-Fibrous Homogeneous		97% Other	3% Chrysotile
127-2 / 13020894-002 Mastic	Black Non-Fibrous Homogeneous		96% Other	4% Chrysotile
127-3 / 13020894-003 Cove Base	Brown Non-Fibrous Homogeneous		100% Other	None Detected
127-3 / 13020894-003 Mastic	Brown Non-Fibrous Homogeneous		100% Other	None Detected
127-4 / 13020894-004 Cove Base	Brown Non-Fibrous Homogeneous		100% Other	None Detected
127-4 / 13020894-004 Mastic	Brown Non-Fibrous Homogeneous		100% Other	None Detected
127-5 / 13020894-005	White Fibrous Homogeneous	30% Cellulose 55% Glass	15% Other	None Detected

Certification

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

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

Page 1 of 8



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Roanoke, VA 24011

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Report Date: 9/9/2013 11:39:47 AM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
127-6 / 13020894-006	White Fibrous Homogeneous	30% Cellulose 55% Glass	15% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
127-7 / 13020894-007 Drywall	Off-White Non-Fibrous Homogeneous	< 1% Cellulose < 1% Glass	100% Other	None Detected
127-7 / 13020894-007 Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
127-8 / 13020894-008 Drywall	Off-White Non-Fibrous Homogeneous	< 1% Cellulose < 1% Glass	100% Other	None Detected
127-8 / 13020894-008 Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
127-9 / 13020894-009 Floor Tile	Beige Non-Fibrous Homogeneous		100% Other	None Detected
127-9 / 13020894-009 Mastic	Black Non-Fibrous Homogeneous		97% Other	3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
127-10 / 13020894-010 Floor Tile	Beige Non-Fibrous Homogeneous		100% Other	None Detected
127-10 / 13020894-010 Mastic	Black Non-Fibrous Homogeneous		97% Other	3% Chrysotile

Certification

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

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

Page 2 of 8



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FINAL REPORT

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Address: 15 Salem Ave SE
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Roanoke, VA 24011

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Report Date: 9/9/2013 11:39:47 AM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
127-11 / 13020894-011 Cove Base	Black Non-Fibrous Homogeneous		100% Other	None Detected
127-11 / 13020894-011 Mastic	Cream Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
127-12 / 13020894-012 Cove Base	Black Non-Fibrous Homogeneous		100% Other	None Detected
127-12 / 13020894-012 Mastic	Cream Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
127-13 / 13020894-013	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
127-14 / 13020894-014	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
127-15 / 13020894-015	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components	Asbestos Fibers
			% Non-Fibrous	
127-16 / 13020894-016 Floor Tile	Beige Non-Fibrous Homogeneous		100% Other	None Detected
127-16 / 13020894-016 Mastic	Various Non-Fibrous Homogeneous		98% Other	2% Chrysotile

Certification

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

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

Page 3 of 8



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SanAir ID Number

13020894

FINAL REPORT

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

Project Number: 196
P.O. Number:
Project Name: WST State Hosp Admin Bldg 12

Collected Date: 9/5/2013
Received Date: 9/6/2013 10:20:00 AM
Report Date: 9/9/2013 11:39:47 AM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
127-17 / 13020894-017 Floor Tile	Beige Non-Fibrous Homogeneous		100% Other	None Detected
127-17 / 13020894-017 Mastic	Various Non-Fibrous Homogeneous		98% Other	2% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
127-18 / 13020894-018	White Fibrous Homogeneous	30% Cellulose 55% Glass	15% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
127-19 / 13020894-019	White Fibrous Homogeneous	30% Cellulose 55% Glass	15% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
127-20 / 13020894-020 Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
127-20 / 13020894-020 Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
127-21 / 13020894-021 Plaster	Grey Non-Fibrous Homogeneous		100% Other	None Detected
127-21 / 13020894-021 Skim Coat	White Non-Fibrous Homogeneous		100% Other	None Detected

Certification

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

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

Page 4 of 8



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Received Date: 9/6/2013 10:20:00 AM
Report Date: 9/9/2013 11:39:47 AM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
127-22 / 13020894-022	Beige Non-Fibrous Homogeneous	20% Cellulose	80% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
127-23 / 13020894-023	Beige Non-Fibrous Homogeneous	20% Cellulose	80% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
127-24 / 13020894-024	Black Non-Fibrous Homogeneous	5% Glass	95% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
127-25 / 13020894-025	Black Non-Fibrous Homogeneous	5% Glass	95% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
127-26 / 13020894-026	Pink Non-Fibrous Homogeneous		94% Other	6% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
127-27 / 13020894-027	Pink Non-Fibrous Homogeneous		94% Other	6% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
127-28 / 13020894-028	Off-White Non-Fibrous Homogeneous		100% Other	None Detected

Certification

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

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

Page 5 of 8



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SanAir ID Number

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FINAL REPORT

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Address: 15 Salem Ave SE
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Project Number: 196
P.O. Number:
Project Name: WST State Hosp Admin Bldg 12

Collected Date: 9/5/2013
Received Date: 9/6/2013 10:20:00 AM
Report Date: 9/9/2013 11:39:47 AM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
127-29 / 13020894-029	Off-White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
127-30 / 13020894-030	Various Non-Fibrous Homogeneous	30% Glass 5% Cellulose	65% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
127-31 / 13020894-031	Various Non-Fibrous Homogeneous	30% Glass 5% Cellulose	65% Other	< 1% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
127-32 / 13020894-032	Various Non-Fibrous Homogeneous	30% Glass 5% Cellulose	65% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
127-33 / 13020894-033	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
127-34 / 13020894-034	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
127-35 / 13020894-035 Flooring	Yellow Non-Fibrous Homogeneous		100% Other	None Detected
127-35 / 13020894-035 Mastic	Brown Non-Fibrous Homogeneous		98% Other	2% Chrysotile

Certification

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

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

Page 6 of 8



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SanAir ID Number

13020894

FINAL REPORT

Name: El Group, Inc Roanoke Office
Address: 15 Salem Ave SE
Suite 301
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Project Number: 196
P.O. Number:
Project Name: WST State Hosp Admin Bldg 12

Collected Date: 9/5/2013
Received Date: 9/6/2013 10:20:00 AM
Report Date: 9/9/2013 11:39:47 AM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	% Fibrous	Components		Asbestos Fibers
			% Non-Fibrous		
127-36 / 13020894-036 Flooring	Yellow Non-Fibrous Homogeneous		100% Other		None Detected
127-36 / 13020894-036 Mastic	Brown Non-Fibrous Homogeneous		98% Other		2% Chrysotile
127-37 / 13020894-037	Black Non-Fibrous Homogeneous		92% Other		8% Chrysotile
127-38 / 13020894-038	Black Non-Fibrous Homogeneous		92% Other		8% Chrysotile
127-39 / 13020894-039	Various Non-Fibrous Homogeneous		92% Other		8% Chrysotile
127-40 / 13020894-040	Various Non-Fibrous Homogeneous		92% Other		8% Chrysotile
127-41 / 13020894-041	Off-White Non-Fibrous Homogeneous	30% Cellulose	70% Other		None Detected

Certification

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

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

Page 7 of 8



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Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
127-42 / 13020894-042	Off-White Non-Fibrous Homogeneous	30% Cellulose	70% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
127-43 / 13020894-043	Grey Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
127-44 / 13020894-044	Grey Non-Fibrous Homogeneous		100% Other	None Detected

Certification

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

Reviewed: *Sandra Sobrino*
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, Inc.

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www.sanair.com

Asbestos Chain of Custody

SanAir ID Number

13020894

Company: EI	Project #: 196	Collect by: V. 45t
Address:	Project Name: LST State Hosp	Phone #: 9-5-13
City, St., Zip:	Date Collected: Admin Bldg 127	Fax #:
State of Collection:	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 ☐				
		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 ☐		
		ABBNY	NY ELAP 198.4 TEM NOB ☐		
				Matrix	Other ☐

Water		Turn Around Times	
ABHE	EPA 100.2 ☐	3 HR (4 HR TEM) ☐	6 HR (8HR TEM) ☐
		2 Days ☐	3 Days ☐
		12 HR ☐	24 HR ☐
		4 Days ☐	5 Days ☐

Special Instructions	
----------------------	--

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop
127-001					
602					
003					
004					
005					
006					
007					
008					
009					
010					
011					
012					

Relinquished by	Date	Time	Received by	Date	Time
			<i>[Signature]</i>	SEP 06 2013	1020am

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 ___

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Asbestos Chain of Custody

SanAir ID Number

1302089A

Company: ET	Project #: 196	Collect by: V. White
Address:	Project Name: WST State Hosp.	Phone #:
City, St., Zip:	Date Collected: Admin Bldg 127	Fax #:
State of Collection:	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 ☐		
		ABBNY	NY ELAP 198.4 TEM NOB ☐	Matrix	Other ☐

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

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop
127-013					
014					
015					
016					
017					
018					
019					
020					
021					
022					
023					
024					

Relinquished by	Date	Time	Received by	Date	Time
			<i>[Signature]</i>	SEP 06 2013	1020am

Unless scheduled, the turn around time for all samples received after 8 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 ___

1551 Oakbridge Drive, Suite B - Powhatan, VA 23139
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www.sanair.com

SanAir ID Number

1302089

Company: <u>ET</u>		Project #: <u>196</u>	Collect by: <u>Lat</u>
Address:	Project Name: <u>USI Hosp.</u>		Phone #:
City, St., Zip:	Date Collected: <u>Admin Bld 127</u>		Fax #:
State of Collection:	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/B2/020	☐	ABWA	TEM Wipe ASTM D-6480	☐
			ABEPA2	NY ELAP 198.1	☐	ABDMV	TEM Microvac ASTM D-5755	☐
			ABENY	NY ELAP 198.6 PLM NOB	☐			
ABHE	EPA 100.2	☐	ABBNY	NY ELAP 198.4 TEM NOB	☐	Matrix	Other	

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	
----------------------	--

[illegible]

Relinquished by	Date	Time	Received by	Date	Time
			<i>[Signature]</i>	SEP 06 2013	1020am

Unless scheduled, the turn around time for all samples received after 5 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 ____

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www.sanair.com

SanAir ID Number

13020894

Company: <i>EL</i>		Project #: <i>196</i>	Collect by: <i>Vutt</i>
Address:		Project Name: <i>WIT Hosp</i>	Phone #:
City, St., Zip:		Date Collected: <i>Admin Bldg 127</i>	Fax #:
State of Collection:	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/ TW/A*	☐	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	☐			
			ABBNY	NY ELAP 198.4 TEM NOB	☐	Matrix	Other	
ABHE	EPA 100.2	☐						

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	
----------------------	--

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop
127-037					
↓					
↓					
✓ 044					

Relinquished by	Date	Time	Received by	Date	Time
			<i>KS</i>	SEP 06 2013	1020am

Unless scheduled, the turn around time for all samples received after 4pm 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: 9/20/2013
Project Name: WST State Hosp
Admin Bldg 127
Project #: 196
SanAir ID#: 13022148



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

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

September 20, 2013

SanAir ID # 13022148
Project Name: WST State Hosp Admin Bldg 127
Project Number: 196

Dear Melissa Hart,

We at SanAir would like to thank you for the work you recently submitted. The 5 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): 127-31, 127-35, 127-36, 127-16, 127-17.

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:
5 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

13022148

FINAL REPORT

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

Project Number: 196
P.O. Number:
Project Name: WST State Hosp Admin Bldg 127

Collected Date: 9/5/2013
Received Date: 9/19/2013 8:00:00 AM
Report Date: 9/20/2013 9:31:35 AM
Analyst: Childress, Susan

Asbestos Bulk EPA PLM 400 Point Count

SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
127-31 / 13022148-001	Various Non-Fibrous Homogeneous		100% Other	< 0.25% Chrysotile

Certification

Signature: 
Date: 9/20/2013

Reviewed: 
Date: 9/20/2013

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, AIHA or any other agency of the U.S. government; *and may not be certified by every local, state and federal regulatory agencies.*

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Asbestos
Chain of Custody

SanAir ID Number

13020894

Company: <u>ET</u>	Project #: <u>196</u>	Collect by: <u>V. Velt</u>
Address:	Project Name: <u>WST State Hosp</u>	Phone #: <u>9-5-13</u>
City, St., Zip:	Date Collected: <u>Admin Bldg 127</u>	Fax #:
State of Collection:	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 A-HERA ☐	ABSP1	PLM CARB 435 (LOD 0.25%) ☐
ABB1K	PLM EPA 1000 Point Count ☐	ABATN	TEM NIOSH 7402 ☐	ABSP2	PLM CARB 435 (LOD 0.1%) ☐
ABSEN	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

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop
127-001					
002					
003					
004					
005					
006					
007					
008					
009					
010					
011					
012					

Relinquished by	Date	Time	Received by	Date	Time
			<u>KL</u>	SEP 06 2013	10:00am

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 ___

SEP 19 2013 8:00 AM

SanAir ID Number
13020894

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 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

SanAir Technologies Laboratory

Analysis Report

prepared for

El Group, Inc Roanoke Office

Report Date: 9/23/2013
Project Name: Wst State Hosp
Admin Bldg 127
Project #: 196
SanAir ID#: 13022318



804.897.1177

www.sanair.com



SanAir Technologies Laboratory, Inc.

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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 23, 2013

SanAir ID # 13022318
Project Name: Wst State Hosp Admin Bldg 127
Project Number: 196

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 20, 2013 via Fax or Email request. The final report(s) is enclosed for the following sample(s): 127-35, 127-16, 127-17. The following sample(s) were unusable and were not tested: 127-36.

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 1 sample(s) in QNS condition



SanAir Technologies Laboratory, Inc.

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

SanAir ID Number

13022318

FINAL REPORT

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

Project Number: 196
P.O. Number:
Project Name: Wst State Hosp Admin Bldg 127

Collected Date: 9/5/2013
Received Date: 9/20/2013 10:00:00 AM
Report Date: 9/23/2013 3:32:26 PM
Analyst: Tallert, Jonathan G.

Asbestos Bulk EPA PLM NOB

Sanair ID / Description	Appearance	% Fibrous	% Non Fibrous	Asbestos Types	% Total Asbestos
13022318-001 / 127-35	Brown Non-Fibrous Homogeneous		99.8 %	Chrysotile	0.2 %
13022318-002 / 127-36				Insufficient Material	
13022318-003 / 127-16	Various Non-Fibrous Homogeneous		98.5 %	Chrysotile	1.5 %
13022318-004 / 127-17	Various Non-Fibrous Homogeneous		98.5 %	Chrysotile	1.5 %

Certification

Signature: 
Date: 9/23/2013

Reviewed: 
Date: 9/23/2013

Page 1 of 1

Disclaimer

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SanAir Technologies Laboratory, Inc.

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www.sanair.com

Asbestos Chain of Custody

13C22318

SanAir ID Number

13020894

Company: <u>ET</u>	Project #: <u>196</u>	Collect by: <u>V. 45t</u>
Address:	Project Name: <u>USF State Hqs</u>	Phone #: <u>9-5-13</u>
City, St., Zip:	Date Collected: <u>Admin Bldg 127</u>	Fax #:
State of Collection:	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 ☐				
		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 ☐
		ABBNY	NY ELAP 198.4 TEM NOB ☐		
Water					
ABHE	EPA 100.2 ☐				

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

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop
127-001					
002					
003					
004					
005					
006					
007					
008					
009					
010					
011					
012					

Relinquished by	Date	Time	Received by	Date	Time
			<u>LF</u>	SEP 06 2013	1020am

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 ___

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804-897-1177 / 888-895-1177 / Fax 804-897-0070
www.sanair.com

SanAir ID Number

1302089A

Company: <u>ET</u>		Project #: <u>196</u>	Collect by: <u>v. uhl</u>
Address:		Project Name: <u>WST STATE Hosp.</u>	Phone #:
City, St., Zip:		Date Collected: <u>Admin Bldg 127</u>	Fax #:
State of Collection:	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 Paint 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%)	☐
ABBEEN	PLM EPA NOB	☐	ABT2	TEM Level II	☐			
ABBCH	TEM Chatfield	☐						
ABBTM	TEM EPA NOB	☐						
Water			New York ELAP			Dust		
			PLM NY	PLM 600/MM/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	☐	Matrx	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	
----------------------	--

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start - Stop
127-013					
014					
015					
016					
017					
018					
019					
020					
021					
022					
023					
024					

Relinquished by	Date	Time	Received by	Date	Time
			<i>LR</i>	SEP 06 2013	1020am

Unless scheduled, the turn around time for all samples received after 3pm 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 ____

1302089

SanAir ID Number
13020894

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:nhart@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



WESTERN STATE HOSPITAL HAZARDOUS MATERIALS SURVEY

Performed For

City of Staunton
P.O. Box 58
Staunton, Virginia 24402

Performed On

September 3, 2013

Performed By

The EI Group, Inc.
208 Walnut Hills Road
Staunton, Virginia 24401

Melissa S. Hart

Ms. Melissa S. Hart
Director, Shenandoah Valley

Stephen Clark

Mr. Stephen Clark
Project Manager

Date: September 24, 2013
EI Project Number: IHRO130196.00

HAZARDOUS MATERIALS
FORMER WESTERN STATE HOSPITAL
CITY OF STAUNTON

 ASBESTOS EI Job #IHRO130196.00 Date: 9/16/2013					
BUILDING NUMBER:	101	BUILDING NAME:	B Unit		
Type of Asbestos Material	Material Description	Location	Qty.	Condition	Friable
TSI	Pipe and Elbow Insulation	Pipe Chases, Walls, Exposed Lines in Room 101-11	2,200 linear feet	Good	Yes
Misc.	Floor Tile	Stairwell Landings	320 ft ²	Good	No
Misc.	Fire Doors	Throughout	44	Good	No

 MERCURY EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	101	BUILDING NAME:	B Unit
Material Description	Location	Qty.	
All Lamps	Throughout	Unknown	

 LEAD TCLP EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	101	BUILDING NAME:	B Unit
Sample Weight	Concentration PPM (mg/L)	Lead Results	
100	<0.05	Negative	

 PCB'S EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	101	BUILDING NAME:	B Unit
Light Ballast	Location	Qty.	
4 wide	Throughout	110	
6 wide	Throughout	3	

The Building Materials are Approximate Numbers Only
Contractor is Responsible for Exact Quantities

HAZARDOUS MATERIALS
FORMER WESTERN STATE HOSPITAL
CITY OF STAUNTON

 ASBESTOS EI Job #IHRO130196.00 Date: 9/16/2013					
BUILDING NUMBER:	102	BUILDING NAME:		A Unit	
Type of Asbestos Material	Material Description	Location	Qty.	Condition	Friable
TSI	Pipe Insulation	Pipe Chases, Walls,	2,200 linear feet	Good	Yes
TSI	Pipe Insulation	Exposed Lines in Room 102-15	40 linear feet	Good	Yes
TSI	Pipe Insulation	Crawlspace near Room 102-13	160 linear feet	Good	Yes
Misc.	Floor Tile	Throughout	26,888 ft ²	Good	No
Misc.	Stair Tread Mastic	Stairwell	80 ft ²	Good	No
Misc.	Exterior Door Caulking	Exterior Doors	6 Doors	Good	No
Misc.	Fire Doors	Throughout	44	Good	No

 EI MERCURY EI Job #IHRO130196.00 Date: 9/16/2013				
BUILDING NUMBER:	102	BUILDING NAME:		A Unit
Material Description		Location	Qty.	
All Lamps		Throughout	Unknown	

 LEAD TCLP EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	102	BUILDING NAME:	A Unit
Sample Weight	Concentration PPM (mg/L)	Lead Results	
100	<0.05	Negative	

 PCB'S EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	102	BUILDING NAME:	A Unit
Light Ballast		Location	Qty.
4 wide		Throughout	110
6 wide		Throughout	3

The Building Materials are Approximate Numbers Only
Contractor is Responsible for Exact Quantities

HAZARDOUS MATERIALS
FORMER WESTERN STATE HOSPITAL
CITY OF STAUNTON

 ASBESTOS EI Job #IHRO130196.00 Date: 9/16/2013					
BUILDING NUMBER:	103	BUILDING NAME:	Pettis		
Type of Asbestos Material	Material Description	Location	Qty.	Condition	Friable
TSI	Pipe and Elbow Insulation	Pipe Chases, Walls	3,000 linear feet	Good	Yes
TSI, Misc.	Contaminated trench (includes fiberglass and concrete)	Sub-basement	460 Linear feet	Good	Yes/No
Misc	Floor Tile and Mastic, Linoleum	Throughout	40,000 ft ²	Good	No
Misc	Black Mastic on cork duct insulation	Basement Corridors	460 ft ²	Good	No
Misc	Exterior Door Caulking	Exterior Doors	10 Doors	Good	No
Misc	Fire Doors	Throughout	60	Good	No

 MERCURY EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	103	BUILDING NAME:	
		Pettis	
Material Description	Location	Qty.	
All Lamps	Throughout	Unknown	

 EI LEAD TCLP EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	103	BUILDING NAME:	Pettis
Sample Weight	Concentration PPM (mg/L)	Lead Results	
100	<0.05	Negative	

				PCB'S EI Job #IHRO130196.00 Date: 9/16/2013	
BUILDING NUMBER:	103	BUILDING NAME:		Pettis	
Light Ballast		Location	Qty.		
2 wide		Throughout	33		
4 wide		Throughout	80		

The Building Materials are Approximate Numbers Only
Contractor is Responsible for Exact Quantities

HAZARDOUS MATERIALS
FORMER WESTERN STATE HOSPITAL
CITY OF STAUNTON

 ASBESTOS EI Job #IHRO130196.00 Date: 9/16/2013					
BUILDING NUMBER:	107	BUILDING NAME:	A Unit		
Type of Asbestos Material	Material Description	Location	Qty.	Condition	Friable
TSI	Pipe Insulation	Crawlspace under Southeast Stairwell, near Room 107-2	35 linear feet	Good/Damaged	Yes
Misc	Fire Doors	Throughout	40	Good	No

 MERCURY EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	107	BUILDING NAME:	A Unit
Material Description		Location	Qty.
All Lamps		Throughout	Unknown

 LEAD TCLP EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	107	BUILDING NAME:	A Unit
Sample Weight	Concentration PPM (mg/L)	Lead Results	
100	<0.05	Negative	

 PCB'S EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	107	BUILDING NAME:	A Unit
Light Ballast		Location	Qty.
2 wide		Throughout	10
4 wide		Throughout	52

The Building Materials are Approximate Numbers Only
Contractor is Responsible for Exact Quantities

HAZARDOUS MATERIALS
FORMER WESTERN STATE HOSPITAL
CITY OF STAUNTON

 ASBESTOS EI Job #IHRO130196.00 Date: 6/25/2013					
BUILDING NUMBER:	112	BUILDING NAME:		D Unit	
Type of Asbestos Material	Material Description	Location	Qty.	Condition	Friability
TSI	Pipe Insulation	Pipe Chases	120 linear feet	Good	Yes
Misc.	Floor Tile Mastic	Throughout	39,000 ft ²	Good	No
Misc	Fire Doors	Throughout	90	Good	No

 MERCURY EI Job #IHRO130196.00 Date: 6/25/2013				
BUILDING NUMBER:	112	BUILDING NAME:		D Unit
Material Description		Location	Qty.	
All Lamps		Throughout	Unknown	

 LEAD TCLP EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	112	BUILDING NAME:	I Unit
Sample Weight	Concentration PPM (mg/L)	Lead Results	
100	<0.05	Negative	

 PCB'S EI Job #IHRO130196.00 Date: 6/25/2013			
BUILDING NUMBER:	112	BUILDING NAME:	D Unit
Light Ballast		Location	Qty.
none			

The Building Materials are Approximate Numbers Only
Contractor is Responsible for Exact Quantities

HAZARDOUS MATERIALS
FORMER WESTERN STATE HOSPITAL
CITY OF STAUNTON

 ASBESTOS EI Job #IHRO130196.00 Date: 9/16/2013					
BUILDING NUMBER:	113	BUILDING NAME:	E Unit		
Type of Asbestos Material	Material Description	Location	Qty.	Condition	Friable
TSI	Pipe Insulation	Pipe Chases	120 linear feet	Good	Yes
TSI	Residual Pipe Insulation	Mechanical Room – Between Walls	5 linear feet	Significantly Damaged	Yes
TSI	Residual Duct Insulation	Mechanical Room	10 linear feet	Significantly Damaged	Yes
TSI	Elbows on Fiberglass Lines	In Walls and Above Ceiling	200	Good	Yes
TSI	Residual Ceiling Acoustic	Ceiling, Around Light Fixtures, Overspray on Ductwork	1,000 sq. ft.	Damaged	Yes
Misc.	Fire Doors	Throughout	22	Good	No

 MERCURY EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	113	BUILDING NAME:	E Unit
Material Description	Location	Qty.	
Mercury Switches	Throughout	4	

 LEAD TCLP EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	113	BUILDING NAME:	E Unit
Sample Weight	Concentration PPM (mg/L)	Lead Results	
100	<0.05	Negative	

 PCB'S EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	113	BUILDING NAME:	E Unit
Light Ballast	Location	Qty.	
2 wide	Throughout	17	
4 wide	Throughout	46	

The Building Materials are Approximate Numbers Only
Contractor is Responsible for Exact Quantities

HAZARDOUS MATERIALS
FORMER WESTERN STATE HOSPITAL
CITY OF STAUNTON

 ASBESTOS EI Job #IHRO130196.00 Date: 9/16/2013					
BUILDING NUMBER:	115	BUILDING NAME:			
Type of Asbestos Material	Material Description	Location	Qty.	Condition	Friable
TSI	Elbow Insulation	Pipe Chases, Walls	Approx. 100	Good	Yes
Misc	Floor Tile Mastic	Stairwells	160 ft ²	Good	No
Misc.	Fire Doors	Throughout	40	Good	No

 MERCURY EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	115	BUILDING NAME:	
Material Description	Location	Qty.	
All Lamps	Throughout	Unknown	

 LEAD TCLP EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	115	BUILDING NAME:	
Sample Weight	Concentration PPM (mg/L)	Lead Results	
100	<0.05	Negative	

 PCB'S EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	115	BUILDING NAME:	
Light Ballast	Location	Qty.	
2 wide	Throughout	10	
4 wide	Throughout	52	

The Building Materials are Approximate Numbers Only
Contractor is Responsible for Exact Quantities

HAZARDOUS MATERIALS
FORMER WESTERN STATE HOSPITAL
CITY OF STAUNTON

 ASBESTOS EI Job #IHRO130196.00 Date: 9/16/2013					
BUILDING NUMBER:	116	BUILDING NAME:	G Unit		
Type of Asbestos Material	Material Description	Location	Qty.	Condition	Friable
TSI	Pipe Insulation	Pipe Chases	120 linear feet	Good	Yes
TSI	Residual Pipe Insulation	Mechanical Room- Between Walls		Significantly Damaged	Yes
TSI	Residual Duct Insulation	Mechanical Room	112 linear feet	Significantly Damaged	Yes
TSI	Elbows on Fiberglass Lines	In Walls and Above Ceiling	100	Good	Yes
Misc.	Window Caulking	Exterior Windows	130 Window Units	Good	No
Misc	Fire Doors	Throughout	22	Good	No

 MERCURY EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	116	BUILDING NAME:	G Unit
Material Description	Location	Qty.	
All Lamps	Throughout	Unknown	
Mercury Switches	Throughout	4	

 LEAD TCLP EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	116	BUILDING NAME:	G Unit
Sample Weight	Concentration PPM (mg/L)	Lead Results	
100	<0.05	Negative	

 PCB'S EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	116	BUILDING NAME:	G Unit
Light Ballast	Location	Qty.	
2 wide	Throughout	17	
4 wide	Throughout	46	

The Building Materials are Approximate Numbers Only
Contractor is Responsible for Exact Quantities

HAZARDOUS MATERIALS
FORMER WESTERN STATE HOSPITAL
CITY OF STAUNTON

 ASBESTOS EI Job #IHRO130196.00 Date: 9/16/2013					
BUILDING NUMBER:	117	BUILDING NAME:	I Unit		
Type of Asbestos Material	Material Description	Location	Qty.	Condition	Friable
TSI	Residual Pipe Insulation	Mechanical Room – Between Walls	5 linear feet	Significantly Damaged	Yes
TSI	Residual Duct Insulation	Mechanical Room	10 linear	Significantly Damaged	Yes
TSI	Elbows on Fiberglass Lines	In Walls and Above Ceiling	200	Good	Yes
Misc.	Window Caulking	Exterior Windows	130 Window Units	Good	No
Misc	Fire Doors	Throughout	22	Good	No

 MERCURY EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	117	BUILDING NAME:	I Unit
Material Description	Location	Qty.	
All Lamps	Throughout	Unknown	
Mercury Switches	Throughout	4	

 LEAD TCLP EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	117	BUILDING NAME:	I Unit
Sample Weight	Concentration PPM (mg/L)	Lead Results	
100	<0.05	Negative	

 PCB'S EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	117	BUILDING NAME:	I Unit
Light Ballast	Location	Qty.	
2 wide	Throughout	4	
4 wide	Throughout	39	

The Building Materials are Approximate Numbers Only
Contractor is Responsible for Exact Quantities

HAZARDOUS MATERIALS
FORMER WESTERN STATE HOSPITAL
CITY OF STAUNTON

 ASBESTOS EI Job #IHRO130196.00 Date: 9/16/2013					
BUILDING NUMBER:	118	BUILDING NAME:	C Unit		
Type of Asbestos Material	Material Description	Location	Qty.	Condition	Friable
TSI	Pipe Insulation	Pipe Chases	120 linear feet	Good	Yes
TSI	Residual Pipe Insulation	Mechanical Room- Between Walls	5 linear feet	Significantly Damaged	Yes
TSI	Residual Duct Insulation	Mechanical Room	112 linear feet	Significantly Damaged	Yes
Misc	Fire Doors	Throughout	30	Good	No

 MERCURY EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	118	BUILDING NAME:	C Unit
Material Description	Location	Qty.	
All Lamps	Throughout	Unknown	

 LEAD TCLP EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	118	BUILDING NAME:	C Unit
Sample Weight	Concentration PPM (mg/L)	Lead Results	
100	<0.05	Negative	

 PCB'S EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	118	BUILDING NAME:	C Unit
Light Ballast	Location	Qty.	
Flush Mount	Throughout	94	

The Building Materials are Approximate Numbers Only
Contractor is Responsible for Exact Quantities

HAZARDOUS MATERIALS
FORMER WESTERN STATE HOSPITAL
CITY OF STAUNTON

 ASBESTOS EI Job #IHRO130196.00 Date: 9/16/2013					
BUILDING NUMBER:	119	BUILDING NAME:	Kitchen/ Dining		
Type of Asbestos Material	Material Description	Location	Qty.	Condition	Friable
Misc	Floor Tile and Associated Mastic	Room 27, 132	376 ft ²	Good	No
Misc	Floor Tile Mastic	Basement Corridor	675 ft ²	Good	No
TSI	Elbows	Unknown	200	Good	no
Misc	Fire Doors	Throughout		Good	No

 MERCURY EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	119	BUILDING NAME:	Kitchen/ Dining
Material Description	Location	Qty.	
All Lamps	Throughout	Unknown	

 LEAD TCLP EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	119	BUILDING NAME:	Kitchen/ Dining
Sample Weight	Concentration PPM (mg/L)	Lead Results	
100	<0.05	Negative	

 PCB'S EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	119	BUILDING NAME:	Kitchen/ Dining
Light Ballast	Location	Qty.	
NONE			

The Building Materials are Approximate Numbers Only
Contractor is Responsible for Exact Quantities

HAZARDOUS MATERIALS
FORMER WESTERN STATE HOSPITAL
CITY OF STAUNTON

 ASBESTOS EI Job #IHRO130196.00 Date: 9/16/2013					
BUILDING NUMBER:	121	BUILDING NAME:	Stribling		
Type of Asbestos Material	Material Description	Location	Qty.	Condition	Friable
TSI	Duct Insulation	Mechanical Room 201	986 ft ²	Damaged/Significantly Damaged	Yes
TSI	Elbows on fiberglass lines	Inside Chases, Above Ceiling, Exposed in Gym Closets	230 Elbows	Good	Yes
Misc	Floor Tile Mastic	Throughout	32,000 ft ²	Good	No
Misc	Black Mastic on Exterior Brick Roof	Roof	3,000 ft ²	Good	No
Misc	Fire Doors	Throughout	31	Good	No

 MERCURY EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	121	BUILDING NAME:	Stribling
Material Description	Location	Qty.	
All Lamps	Throughout	Unknown	

 LEAD TCLP EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	121	BUILDING NAME:	Stribling
Sample Weight	Concentration PPM (mg/L)	Lead Results	
100	<0.05	Negative	

 PCB'S EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	121	BUILDING NAME:	Stribling
Light Ballast	Location	Qty.	
2 Wide	Throughout	144	
4 Wide	Throughout	110	
Wood	Throughout	77	

The Building Materials are Approximate Numbers Only
Contractor is Responsible for Exact Quantities

HAZARDOUS MATERIALS
FORMER WESTERN STATE HOSPITAL
CITY OF STAUNTON

 ASBESTOS EI Job #IHRO130196.00 Date: 9/16/2013					
BUILDING NUMBER:	122	BUILDING NAME:	Medical Center		
Type of Asbestos Material	Material Description	Location	Qty.	Condition	Friable
Misc.	Black Mastic on fiberglass pipe and fiberglass insulated ducts	Throughout Ceiling Plenum	5,000 linear feet	Good	No
Misc	Floor Tile and Mastic	Throughout	26,000 ft ²	Good	No
Misc	Black Roofing Mastic	South Overhang	1,500 ft ²	Good	No
Misc.	Transite	Laboratory Fume Hood	60 ft ²	Good	No
Misc	Fire Doors	Throughout	45	Good	No

 MERCURY EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	122	BUILDING NAME:	Medical Center
Material Description	Location	Qty.	
All Lamps	Throughout	Unknown	

 LEAD TCLP EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	122	BUILDING NAME:	Medical Center
Sample Weight	Concentration PPM (mg/L)	Lead Results	
100	<0.05	Negative	

 PCB'S EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	122	BUILDING NAME:	Medical Center
Light Ballast	Location	Qty.	
2 Wide	Throughout	288	
4 Wide	Throughout	406	

The Building Materials are Approximate Numbers Only
Contractor is Responsible for Exact Quantities

HAZARDOUS MATERIALS
FORMER WESTERN STATE HOSPITAL
CITY OF STAUNTON

 ASBESTOS EI Job #IHRO130196.00 Date: 9/16/2013					
BUILDING NUMBER:	123	BUILDING NAME:		Educational	
Type of Asbestos Material	Material Description	Location	Qty.	Condition	Friable
Misc	Floor Tile and Mastic	Throughout	14,000 ft ²	Good	No
Misc	Grey Window Caulking	Interior Windows	43 Window Units	Good	No
Misc	Fire Doors	Throughout		Good	No

 MERCURY EI Job #IHRO130196.00 Date: 9/16/2013							
BUILDING NUMBER:		123		BUILDING NAME:		Educational	
Material Description			Location		Qty.		
All Lamps			Throughout		Unknown		

 LEAD TCLP EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	123	BUILDING NAME:	Educational
Sample Weight	Concentration PPM (mg/L)	Lead Results	
100	<0.05	Negative	

 PCB'S EI Job #IHRO130196.00 Date: 9/16/2013				
BUILDING NUMBER:	123	BUILDING NAME:		Educational
Light Ballast		Location	Qty.	
2 Wide		Throughout	30	
4 Wide		Throughout	126	

The Building Materials are Approximate Numbers Only
Contractor is Responsible for Exact Quantities

HAZARDOUS MATERIALS
FORMER WESTERN STATE HOSPITAL
CITY OF STAUNTON

 ASBESTOS EI Job #IHRO130196.00 Date: 9/16/2013					
BUILDING NUMBER:	124	BUILDING NAME:		Administration	
Type of Asbestos Material	Material Description	Location	Qty.	Condition	Friable
Misc	Floor Tile and Mastic	Throughout	16,640 ft ²	Good	No
Misc	White Mastic on Fiberglass Insulated Ducts	Throughout Ceiling Plenum	700 ft ²	Good	No
Misc	Roof Flashing	Roof	900 linear feet	Good	No
Misc.	Transite Panels	Exterior	3010 ft ²	Good	No
Misc	Fire Doors	Throughout	2	Good	No

 MERCURY EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	124	BUILDING NAME:	Administration
Material Description		Location	Qty.
All Lamps		Throughout	Unknown

 LEAD TCLP EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	124	BUILDING NAME:	Administration
Sample Weight	Concentration PPM (mg/L)	Lead Results	
100	<0.05	Negative	

				PCB'S EI Job #IHRO130196.00 Date: 9/16/2013	
BUILDING NUMBER:	124	BUILDING NAME:		Administration	
Light Ballast		Location	Qty.		
2 Wide		Throughout	200		

The Building Materials are Approximate Numbers Only
Contractor is Responsible for Exact Quantities

HAZARDOUS MATERIALS
FORMER WESTERN STATE HOSPITAL
CITY OF STAUNTON

 ASBESTOS EI Job #IHRO130196.00 Date: 9/16/2013					
BUILDING NUMBER:	125	BUILDING NAME:	Laundry		
Type of Asbestos Material	Material Description	Location	Qty.	Condition	Friable
TSI	Pipe and Elbow Insulation	Room 4, above ceiling plenum in break room and bathroom	240 linear feet	Good	Yes
Misc	Window Glazing	Exterior Windows	31 Window Units	Damaged	No
Misc	Fire Doors	Throughout	10	Good	No

 MERCURY EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	125	BUILDING NAME:	Laundry
Material Description	Location	Qty.	
All Lamps	Throughout	Unknown	

 LEAD TCLP EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	125	BUILDING NAME:	Laundry
Sample Weight	Concentration PPM (mg/L)	Lead Results	
100	<0.05	Negative	

 PCB'S EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	125	BUILDING NAME:	Laundry
Light Ballast	Location	Qty.	
All	Throughout	20	

The Building Materials are Approximate Numbers Only
Contractor is Responsible for Exact Quantities

HAZARDOUS MATERIALS
FORMER WESTERN STATE HOSPITAL
CITY OF STAUNTON

 ASBESTOS EI Job #IHRO130196.00 Date: 9/16/2013					
BUILDING NUMBER:	126	BUILDING NAME:	Maintenance/ Warehouse		
Type of Asbestos Material	Material Description	Location	Qty.	Condition	Friable
Misc	Floor Tile Mastic	Office Area, Workshop Corridor, Room 115	4567 ft ²	Good	No
Misc	Fire Doors	Throughout	85	Good	No

 MERCURY EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	126	BUILDING NAME:	Maintenance/ Warehouse
Material Description		Location	Qty.
All Lamps		Throughout	Unknown

 LEAD TCLP EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	126	BUILDING NAME:	Maintenance/ Warehouse
Sample Weight	Concentration PPM (mg/L)	Lead Results	
100	<0.05	Negative	

 PCB'S EI Job #IHRO130196.00 Date: 9/16/2013			
BUILDING NUMBER:	126	BUILDING NAME:	Maintenance/ Warehouse
Light Ballast		Location	Qty.
NON			

The Building Materials are Approximate Numbers Only
Contractor is Responsible for Exact Quantities

HAZARDOUS MATERIALS
FORMER WESTERN STATE HOSPITAL
CITY OF STAUNTON

 ASBESTOS EI Job #IHRO130196.00 Date: 8/16/2013					
BUILDING NUMBER:	127	BUILDING NAME:	J Unit		
Type of Asbestos Material	Material Description	Location	Qty.	Condition	Friable
Misc	Floor Tile and Mastic	Throughout	41,000 ft ²	Good	No
Misc	Window Caulking	Exterior	181 Window Units	Good	No
Misc	Fire Doors	Throughout	20	Good	No

 MERCURY EI Job #IHRO130196.00 Date: 8/16/2013				
BUILDING NUMBER:	127	BUILDING NAME:	J Unit	
Material Description		Location	Qty.	
All Lamps		Throughout	Unknown	

 LEAD TCLP EI Job #IHRO130196.00 Date: 8/16/2013			
BUILDING NUMBER:	127	BUILDING NAME:	J Unit
Sample Weight	Concentration PPM (mg/L)	Lead Results	
100	<0.05	Negative	

The Building Materials are Approximate Numbers Only
Contractor is Responsible for Exact Quantities

HAZARDOUS MATERIALS
FORMER WESTERN STATE HOSPITAL
CITY OF STAUNTON

 ASBESTOS EI Job #IHRO130196.00 Date: 9/16/2013					
BUILDING NUMBER:	UNDERGROUND TUNNELS	BUILDING NAME:		SEE DRAWINGS	
Type of Asbestos Material	Material Description	Location	Qty.	Condition	Friable
TSI	Pipe Insulation Abandoned	See Drawings	880	Unknown	Unknown
TSI	Active	See Drawings, Steam Tunnels Between 117, 122 & 127	650	Damaged	Yes

The Building Materials are Approximate Numbers Only
Contractor is Responsible for Exact Quantities

LICENSES

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

9960 Mayland Dr., Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

EXPIRES ON
03-31-2014

NUMBER
3305 000752

VIRGINIA ASBESTOS LICENSE
PROJECT DESIGNER LICENSE

MELISSA SUE HART
208 WALNUT HILLS ROAD
STAUNTON, VA 24401



Gordon N. Dixon
Gordon N. Dixon, Director

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

9960 Mayland Dr., Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

EXPIRES ON
06-30-2014

NUMBER
3309 000140

VIRGINIA ASBESTOS LICENSE
PROJECT MONITOR LICENSE

MELISSA SUE HART
208 WALNUT HILLS ROAD
STAUNTON, VA 24401



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Gordon N. Dixon, Director

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

9960 Mayland Dr., Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

EXPIRES ON
09-30-2013

NUMBER
3303 002279

VIRGINIA ASBESTOS LICENSE
INSPECTOR LICENSE

MELISSA S HART
208 WALNUT HILLS RD
STAUNTON, VA 24401



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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON
04-30-2014

9960 Mayland Dr., Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

NUMBER
3309 001573

VIRGINIA ASBESTOS LICENSE
PROJECT MONITOR LICENSE

PAUL WAYNE BRADLEY JR
124 SHERWOOD DRIVE

WAYNESBOROR, VA 22980



Gordon N. Dixon
Gordon N. Dixon, Director

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(SEE REVERSE SIDE FOR NAME AND/OR ADDRESS CHANGE)

Details of license number 3303003108

Name:	CURETON, ERIC DAVID
License Number:	3303003108
License Description:	Asbestos Inspector License
Address:	ROANOKE VA, 24016
Initial Certification Date:	2005-07-13
Expiration Date:	2014-07-31

[print](#)**No Open Complaints**

"Open Complaints" reflect only those complaints against regulants for which a departmental investigation has determined that sufficient evidence exists to establish probable cause of a violation of the law or regulations. Only those cases that have proceeded through an investigation to the adjudication stage are displayed. **State law prohibits the disclosure of any information about open complaints** [Code of Virginia Section 54.1-108]. (<http://leg1.state.va.us/cgi-bin/legp504.exe?000+cod+54.1-108>) Members of the public may review official records and obtain copies only after a complaint investigation is closed.

No Closed Complaints

"Closed Complaints" reflect complaints against regulants closed since 1990. Cases closed without disciplinary action are purged after three years in accordance with DPOR's record retention policy.

To inquire about closed complaints, see the department's Public Records Access (<http://www.dpor.virginia.gov/recordsanddocuments/>) or contact the department's Information Management Section at (804) 367-8583 or publicrecords@dpor.virginia.gov (<mailto:publicrecords@dpor.virginia.gov>).

The information on this page was last updated on 2013-10-13.

Details of license number 3356000811

Name:	CURETON, ERIC DAVID
License Number:	3356000811
License Description:	Lead Risk Assessor
Address:	ROANOKE VA, 24011
Initial Certification Date:	2006-04-24
Expiration Date:	2013-11-30

[print](#)**No Open Complaints**

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The information on this page was last updated on 2013-10-13.

Details of license number 3303003740

Name:	TINAGLIA, J JOSEPH
License Number:	3303003740
License Description:	Asbestos Inspector License
Address:	ROANOKE VA, 24018
Initial Certification Date:	2012-06-21
Expiration Date:	2014-06-30

[print](#)**No Open Complaints**

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The information on this page was last updated on 2013-10-13.

Details of license number 3303003754

Name:	CLARK, STEPHEN CHRISTOPHER
License Number:	3303003754
License Description:	Asbestos Inspector License
Address:	RICHMOND VA, 23236
Initial Certification Date:	2012-06-06
Expiration Date:	2014-06-30

[print](#)

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