



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



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 # 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.

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	% 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
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
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
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
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.

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	
123-6 / 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 Sobrin*
Date: 9/11/2013

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

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.

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	
123-17 / 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.

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	% 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.

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	
123-40 / 13021159-040 Ceiling Tile	White	55% Cellulose	10% Other	None Detected
	Fibrous	35% Glass		
	Homogeneous			
123-40 / 13021159-040 Mastic	Brown	< 1% Cellulose	100% Other	None Detected
	Non-Fibrous	< 1% Glass		
	Homogeneous			
SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-41 / 13021159-041	Off-White	5% Cellulose	95% Other	None Detected
	Non-Fibrous			
	Homogeneous			
SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-42 / 13021159-042	Off-White	5% Cellulose	95% Other	None Detected
	Non-Fibrous			
	Homogeneous			
SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-43 / 13021159-043	Beige	6% Cellulose	94% Other	None Detected
	Non-Fibrous			
	Homogeneous			
SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-44 / 13021159-044	Beige	6% Cellulose	94% Other	None Detected
	Non-Fibrous			
	Homogeneous			
SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
123-45 / 13021159-045	Clear		100% Other	None Detected
	Non-Fibrous			
	Homogeneous			

Certification

Signature: *Susan Childress*
Date: 9/11/2013

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

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

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

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

SanAir ID Number

13021159

www.sanair.com			
Company: EI GROUP		Project #: 1H40130916.00	
Address: 208 WALNUT HILLS RD		Collect by: JT MARSH	
City, St., Zip: STANFORD VA		Phone #: 540-490-0645	
State of Collection: VA		Fax #: 	
Account#: 		Email: MHART@E.I. CORP	
P.O. Number: 			

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 ☐

[illegible]

Relinquished by	Date	Time	Received by	Date	Time
JOE TINA GLIA	9/9/13	5:00PM		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.

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

El 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

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.*

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