



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



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



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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		

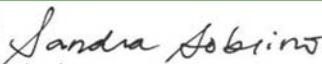
SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-3 / 13021266-003 Insulation	Grey	12% Cellulose	53% Other	None Detected
	Fibrous	35% Glass		
	Heterogeneous			
125-3 / 13021266-003 Cover	White	40% Cellulose	60% Other	None Detected
	Fibrous			
	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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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: 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

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P.O. Number: Wstn State Hosp
Project Name: Bldg 125

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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.

Page ___ of ___

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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.

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SanAir Technologies Laboratory

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prepared for

El Group, Inc Roanoke Office

Report Date: 9/12/2013
Project Name: Bldg 125
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NVLAP LAB CODE 200870-0



LAB # 102012



Certification # 652931



License # LAB0166



804.897.1177

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



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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
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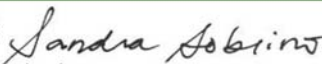
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	Fibrous	35% Glass		
	Heterogeneous			
125-3 / 13021266-003 Cover	White	40% Cellulose	60% Other	None Detected
	Fibrous			
	Heterogeneous			
125-3 / 13021266-003 Insulation	White		97% Other	3% Amosite
	Non-Fibrous			
	Heterogeneous			

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: 
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SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-10 / 13021266-010	Tan Non-Fibrous Heterogeneous		100% Other	None Detected

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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

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For NY state samples, method EPA 600/M4-82-020 is performed.

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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.

Page ___ of ___

SanAir Technologies Laboratory, Inc.

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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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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 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

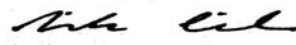
SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-20 / 13022023-004	White Non-Fibrous Homogeneous		95% Other	5% Chrysotile

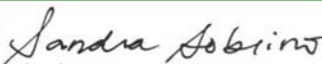
SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-21 / 13022023-005	Grey Non-Fibrous Homogeneous		100% Other	None Detected

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.

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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

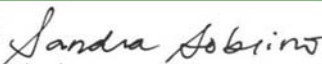
SanAir ID / Description	Stereoscopic Appearance	Components		Asbestos Fibers
		% Fibrous	% Non-Fibrous	
125-24 / 13022023-008	Grey Non-Fibrous Homogeneous		100% Other	None Detected

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.

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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>

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Page 1 of 1