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Shreveport, LA 71138-0867

Fax: (318) 687-9923 Phone: (318) 687-3771
Project: **09-16368, Olin E. Teague VAMC Reinspection**

Customer ID: ALT50
Customer PO:
Received: 11/11/09 10:00 AM
EMSL Order: 260906540
EMSL Proj: VAMC Reinspection
Analysis Date: 11/12/2009

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0311- Wrap 260906540-0036	Bldg. 162	White Fibrous Heterogeneous	45% Glass	55% Non-fibrous (other)	None Detected
OT-09-293-0311- Insulation 260906540-0036A	Bldg. 162	Brown Fibrous Heterogeneous	98% Glass	2% Non-fibrous (other)	None Detected
OT-09-293-0312- Wrap 260906540-0037	Bldg. 162	White Fibrous Heterogeneous	50% Cellulose	50% Non-fibrous (other)	None Detected
OT-09-293-0312- Insulation 260906540-0037A	Bldg. 162	Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0313- Plaster 260906540-0038	Bldg. 162	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0313- Base Coat 260906540-0038A	Bldg. 162	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

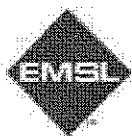
Analyst(s)

Jonathan Tallert (20)
Michael Pohlmann (96)

Andrei Poluchowicz,
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Chicago 2444 W. George Street, Chicago IL NVLAP Lab Code 200399-0, TX 300289

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Project: **09-16368, Olin E. Teague VAMC Reinspection**

EMSL Proj: VAMC Reinspection
Analysis Date: 11/12/2009

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0314 260906540-0039	Bldg. 162	White Fibrous Heterogeneous	40% Cellulose 40% Min. Wool	20% Non-fibrous (other)	None Detected
OT-09-293-0315 260906540-0040	Bldg. 162	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0316- Spray On 260906540-0041	Bldg. 162	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0316- Wrap 260906540-0041A	Bldg. 162	White Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
OT-09-293-0316- Block Insulation 260906540-0041B	Bldg. 162	White Non-Fibrous Heterogeneous	10% Min. Wool	90% Non-fibrous (other)	<1% Chrysotile <1% Amosite
OT-09-293-0317- Wrap 260906540-0042	Bldg. 162	White Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected

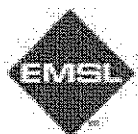
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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0317- Insulation 260906540-0042A	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0318 260906540-0043	Bldg. 162	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0319 260906540-0044	Bldg. 162	Black/Yellow Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
Mastics inseparable- results composited.					
OT-09-293-0320- Floor Tile 260906540-0045	Bldg. 162	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0320- Mastic 260906540-0045A	Bldg. 162	Black Non-Fibrous Homogeneous		97% Non-fibrous (other)	3% Chrysotile
OT-09-293-0321- Caulking 260906540-0046	Bldg. 162	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	<1% Chrysotile

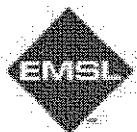
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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0321-Tape 260906540-0046A	Bldg. 162	White Fibrous Heterogeneous	45% Cellulose 5% Glass	50% Non-fibrous (other)	None Detected
OT-09-293-0321-Insulation 260906540-0046B	Bldg. 162	Pink Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0322-Floor Tile 260906540-0047	Bldg. 162	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0322-Mastic 260906540-0047A	Bldg. 162	Black Non-Fibrous Heterogeneous		98% Non-fibrous (other)	2% Chrysotile
OT-09-293-0323-Cove Molding 260906540-0048	Bldg. 162	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0323-Adhesive 260906540-0048A	Bldg. 162	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

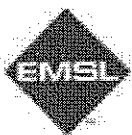
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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0324-Spray On 260906540-0049	Bldg. 162	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0324-Wrap 260906540-0049A	Bldg. 162	White Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
OT-09-293-0324-Block Insulation 260906540-0049B	Bldg. 162	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	<1% Amosite
OT-09-293-0325-Spray On 260906540-0050	Bldg. 162	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0325-Wrap 260906540-0050A	Bldg. 162	White Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	<1% Amosite
OT-09-293-0325-Insulation 260906540-0050B	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected

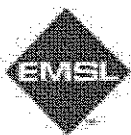
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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0326 260906540-0051	Bldg. 162	White Fibrous Heterogeneous	40% Cellulose 40% Min. Wool	20% Non-fibrous (other)	None Detected
OT-09-293-0327- Insulation 260906540-0052	Bldg. 162	White Non-Fibrous Heterogeneous	10% Min. Wool	90% Non-fibrous (other)	<1% Amosite
OT-09-293-0327- Wrap 260906540-0052B	Bldg. 162	White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
OT-09-293-0328- Insulation 260906540-0053	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0328- Wrap 260906540-0053A	Bldg. 162	White Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
OT-09-293-0329- Linoleum 260906540-0054	Bldg. 162	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0329-Mastic 260906540-0054A	Bldg. 162	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	<1% Chrysotile
OT-09-293-0330-Linoleum 260906540-0055	Bldg. 162	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0330-Mastic 260906540-0055A	Bldg. 162	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	<1% Chrysotile
OT-09-293-0331-Linoleum 260906540-0056	Bldg. 162	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0331-Mastic 260906540-0056A	Bldg. 162	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	<1% Chrysotile
OT-09-293-0332 260906540-0057	Bldg. 162	White Fibrous Heterogeneous	40% Cellulose 40% Min. Wool	20% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0333- Caulking 260906540-0058	Bldg. 162	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0333- Wrap 260906540-0058A	Bldg. 162	White Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
OT-09-293-0333- Foil Backing 260906540-0058B	Bldg. 162	Silver Non-Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
OT-09-293-0333- Insulation 260906540-0058C	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0334- Insulation 260906540-0059	Bldg. 162	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	<1% Amosite
OT-09-293-0334- Wrap 260906540-0059A	Bldg. 162	White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected

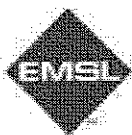
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			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0335- Insulation 260906540-0060	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0335- Wrap 260906540-0060A	Bldg. 162	White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected

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PLM ANALYSIS
CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

260906540

ALTEC ENVIRONMENTAL CONSULTANTS, INC.

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 10100 WOOLWORTH ROAD
 KEITHVILLE, LA 71047

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Project Number: 09-16368

Project Manager: Roy W. Dowling

Project Name:
 Olin E. Teague VAMC Reinspection

ALTEC's Client:
 Olin E. Teague VA Medical Center

Date: 11/10/09

Laboratory Reference Code ONLY: WACO

Email results to: rdowling@altecenv.com; jholcomb@altecenv.com; tharris@altecenv.com; mwasbes@altecenv.com

ANALYSIS METHOD**TURNAROUND TIME**

INTERIM METHOD PLM

48 hours

Sample Number

Sample Number

Sample Number

OT-09-293-0001

THRU

OT-09-293-0025

OT-09-293-0301

THRU

OT-09-293-0335

OT-09-293-

THRU

OT-09-293-

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OT-09-293-

SAMPLES ACCEPTED FOR ANALYSIS
 BY EMSL ANALYTICAL, INC.
 CHICAGO, IL

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Time: 10am

Send to: EMSL Analytical, Inc. - 2444 W. George Street - Chicago, IL, 60618
 Phone: (773) 313-0099 - Fax: (773) 313-0139

fedex

Phone: (773) 313-0099 Fax: (773) 313-0139 Email: chicagolab@emsl.com

Attn: **Roy W. Dowling**
ALTEC Environmental Consultants, Inc.
P.O. Box 17867
Shreveport, LA 71138-0867

Fax: (318) 687-9923 Phone: (318) 687-3771
Project: 09-16368, Olin E. Teague Reinspection

Customer ID: ALT50
Customer PO:
Received: 11/13/09 10:00 AM
EMSL Order: 260906596



EMSL Proj: VAMC Reinspection
Analysis Date: 11/16/2009

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
OT-09-293-0390-Wrap 260906596-0015	Bldg. 162	White Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected

Analyst(s)

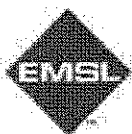
Michael Pohlmann (97)

Andrei Poluchowicz,
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. The limit of detection as stated in the method is 1%. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

Samples analyzed by EMSL Analytical, Inc. Chicago 2444 W. George Street, Chicago IL NVLAP Lab Code 200399-0, TX 300289

**EMSL Analytical, Inc.**

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Project: **09-16368, Olin E. Teague Reinspection**

Customer ID: ALT50
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EMSL Order: 260906596
EMSL Proj: VAMC Reinspection
Analysis Date: 11/16/2009

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0390-Block Insulation 260906596-0015A	Bldg. 162	White Non-Fibrous Heterogeneous	10% Min. Wool	90% Non-fibrous (other)	<1% Chrysotile <1% Amosite
OT-09-293-0391-Wrap 260906596-0016	Bldg. 162	White Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
OT-09-293-0391-Insulation 260906596-0016A	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0392 260906596-0017	Bldg. 162	Black/Yellow Non-Fibrous Heterogeneous	98% Non-fibrous (other)		2% Chrysotile
Black and yellow mastics inseparable. Results composited.					
OT-09-293-0393-Floor Tile 260906596-0018	Bldg. 162	Brown Non-Fibrous Homogeneous	100% Non-fibrous (other)		None Detected
OT-09-293-0393-Mastic 260906596-0018A	Bldg. 162	Black Non-Fibrous Homogeneous	97% Non-fibrous (other)		3% Chrysotile

Analyst(s)

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0394- Floor Tile 260906596-0019	Bldg. 162	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0394- Mastic 260906596-0019A	Bldg. 162	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0395- Floor Tile 260906596-0020	Bldg. 162	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0395- Mastic 260906596-0020A	Bldg. 162	Black/Yellow Non-Fibrous Heterogeneous		97% Non-fibrous (other)	3% Chrysotile
Black and yellow mastics inseparable. Results composited.					
OT-09-293-0396 260906596-0021	Bldg. 162	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
OT-09-293-0397- Sheetrock Tape 260906596-0022	Bldg. 162	White Fibrous Heterogeneous	100% Cellulose	0% Non-fibrous (other)	None Detected

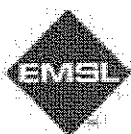
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Project: **09-16368, Olin E. Teague Reinspection**

Customer ID: ALT50
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EMSL Order: 260906596
EMSL Proj: VAMC Reinspection
Analysis Date: 11/16/2009

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0397-Mud 260906596-0022A	Bldg. 162	White Non-Fibrous Heterogeneous	5% Glass	95% Non-fibrous (other)	None Detected
OT-09-293-0398-Floor Tile 260906596-0023	Bldg. 162	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0398-Mastic 260906596-0023A	Bldg. 162	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0399 260906596-0024	Bldg. 162	White Fibrous Heterogeneous	50% Min. Wool 30% Cellulose	20% Non-fibrous (other)	None Detected
OT-09-293-0400-Wrap 260906596-0025	Bldg. 162	White Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
OT-09-293-0400-Block Insulation 260906596-0025A	Bldg. 162	White Non-Fibrous Heterogeneous	10% Min. Wool	90% Non-fibrous (other)	<1% Chrysotile <1% Amosite

Analyst(s)

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Customer ID: ALT50
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Analysis Date: 11/16/2009

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0401- Wrap 260906596-0026	Bldg. 162	White Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
OT-09-293-0401- Insulation 260906596-0026A	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0402 260906596-0027	Bldg. 162	White Fibrous Heterogeneous	60% Cellulose 20% Min. Wool	20% Non-fibrous (other)	None Detected
OT-09-293-0403 260906596-0028	Bldg. 162	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0404- Floor Tile 260906596-0029	Bldg. 162	Brown Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
OT-09-293-0404- Mastic 260906596-0029A	Bldg. 162	Black Non-Fibrous Homogeneous		97% Non-fibrous (other)	3% Chrysotile

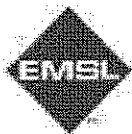
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Project: **09-16368, Olin E. Teague Reinspection**

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Analysis Date: 11/16/2009

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0405- Wrap 260906596-0030	Bldg. 162	White Fibrous Heterogeneous	95% Cellulose 5% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0405- Foil Backing 260906596-0030A	Bldg. 162	Silver Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0405- Block Insulation 260906596-0030B	Bldg. 162	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0406 260906596-0031	Bldg. 162	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	<1% Chrysotile
[REDACTED]					
[REDACTED]					
[REDACTED]					

Analyst(s)

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Andrei Poluchowicz,
or other approved signatory

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PLM ANALYSIS
CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

260906596

**ALTEC ENVIRONMENTAL CONSULTANTS, INC.**

P.O. BOX 17867
SHREVEPORT, LA 71138-0867
10100 WOOLWORTH ROAD
KEITHVILLE, LA 71047

Phone # (318) 687-3771

Fax # (318) 687-9923

Project Number: 09-16368

Project Manager: Roy W. Dowling

Project Name:
Olin E. Teague VAMC Reinspection

ALTEC's Client:
Olin E. Teague VA Medical Center

Date: 11/12/09

Laboratory Reference Code ONLY: WACO

Email results to: rdowling@altecenv.com; jholcomb@altecenv.com; tharris@altecenv.com; mwasbes@altecenv.com

ANALYSIS METHOD**TURNAROUND TIME**

INTERIM METHOD PLM

48 hours

Sample Number

Sample Number

Sample Number

OT-09-293-0051

THRU

OT-09-293-0077

OT-09-293-0376

THRU

OT-09-293-0406

OT-09-293-

THRU

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OT-09-293-

SAMPLES ACCEPTED FOR ANALYSIS
BY EMSL ANALYTICAL, INC.
CHICAGO, IL

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Time: 10am

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Project: **09-16368, Olin E. Teague VAMC Reinspection**

Customer ID: ALT50
Customer PO:
Received: 11/18/09 10:00 AM
EMSL Order: 260906673
EMSL Proj: Waco/Temple VA
Analysis Date: 11/19/2009

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0407- Cove Molding 260906673-0001	Bldg. 162	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0407- Adhesive 260906673-0001A	Bldg. 162	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0408- Tape 260906673-0002	Bldg. 162	White Fibrous Homogeneous	100% Cellulose	0% Non-fibrous (other)	None Detected
OT-09-293-0408- Foil Backing 260906673-0002A	Bldg. 162	Silver Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0408- Rock Insulation 260906673-0002B	Bldg. 162	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0409- Adhesive 260906673-0003	Bldg. 162	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

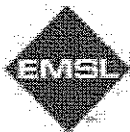
Analyst(s)

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Andrei Poluchowicz,
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Customer ID: ALT50
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EMSL Proj: Waco/Temple VA
Analysis Date: 11/19/2009

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0409- Floor Tile 260906673-0003A	Bldg. 162	Brown Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
OT-09-293-0409- Mastic 260906673-0003B	Bldg. 162	Black Non-Fibrous Homogeneous		95% Non-fibrous (other)	5% Chrysotile
OT-09-293-0410- Cove Molding 260906673-0004	Bldg. 162	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0410- Adhesive 260906673-0004A	Bldg. 162	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0411- Floor Tile 260906673-0005	Bldg. 162	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0411- Mastic 260906673-0005A	Bldg. 162	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	<1% Chrysotile

Contaminated with black mastic.

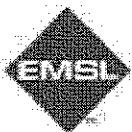
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EMSL Proj: Waco/Temple VA
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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0412 260906673-0006	Bldg. 162	Black Non-Fibrous Homogeneous		90% Non-fibrous (other)	10% Chrysotile
OT-09-293-0413- Wrap 260906673-0007	Bldg. 162	White Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
OT-09-293-0413- Block Insulation 260906673-0007A	Bldg. 162	White Non-Fibrous Heterogeneous	10% Min. Wool 5% Cellulose	85% Non-fibrous (other)	<1% Amosite <1% Chrysotile
OT-09-293-0414- Wrap 260906673-0008	Bldg. 162	White Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
OT-09-293-0414- Insulation 260906673-0008A	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0415- Wrap 260906673-0009	Bldg. 162	White Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected

Analyst(s)

Michael Pohlmann (133)

Andrei Poluchowicz,
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Chicago 2444 W. George Street, Chicago IL NVLAP Lab Code 200399-0, TX 300289



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Project: **09-16368, Olin E. Teague VAMC Reinspection**

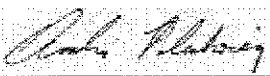
Customer ID: ALT50
Customer PO:
Received: 11/18/09 10:00 AM
EMSL Order: 260906673
EMSL Proj: Waco/Temple VA
Analysis Date: 11/19/2009

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0415- Block Insulation 260906673-0009A	Bldg. 162	White Non-Fibrous Heterogeneous	10% Min. Wool 2% Cellulose	88% Non-fibrous (other)	<1% Chrysotile <1% Amosite
OT-09-293-0416- Wrap 260906673-0010	Bldg. 162	White Fibrous Heterogeneous	80% Cellulose	20% Non-fibrous (other)	None Detected
OT-09-293-0416- Insulation 260906673-0010A	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0417 260906673-0011	Bldg. 162	Black Non-Fibrous Homogeneous		90% Non-fibrous (other)	10% Chrysotile
OT-09-293-0418- Floor Tile 260906673-0012	Bldg. 162	Brown Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
OT-09-293-0418- Mastic 260906673-0012A	Bldg. 162	Black Non-Fibrous Homogeneous		97% Non-fibrous (other)	3% Chrysotile

Analyst(s)

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Project: **09-16368, Olin E. Teague VAMC Reinspection**

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EMSL Proj: Waco/Temple VA
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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0419- Floor Tile 260906673-0013	Bldg. 162	Brown Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
OT-09-293-0419- Mastic 260906673-0013A	Bldg. 162	Black Non-Fibrous Heterogeneous		97% Non-fibrous (other)	3% Chrysotile
OT-09-293-0420- Mud 260906673-0014	Bldg. 162	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0420- Tape 260906673-0014A	Bldg. 162	White Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0420- Sheetrock 260906673-0014B	Bldg. 162	Brown/White Non-Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
OT-09-293-0421- Tape 260906673-0015	Bldg. 162	White Fibrous Heterogeneous	85% Cellulose 5% Glass	10% Non-fibrous (other)	None Detected

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0421- Foil Backing 260906673-0015A	Bldg. 162	Silver Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
OT-09-293-0421- Insulation 260906673-0015B	Bldg. 162	Pink Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0422- Floor Tile 260906673-0016	Bldg. 162	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0422- Mastic 260906673-0016A	Bldg. 162	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	<1% Chrysotile
OT-09-293-0423- Plaster 260906673-0017	Bldg. 162	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0423- Base Coat 260906673-0017A	Bldg. 162	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

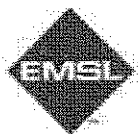
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Project: **09-16368, Olin E. Teague VAMC Reinspection**

EMSL Proj: Waco/Temple VA
Analysis Date: 11/19/2009

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0424 260906673-0018	Bldg. 162	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0425- Floor Tile 260906673-0019	Bldg. 162	Blue Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0425- Mastic 260906673-0019A	Bldg. 162	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0426- Cove Molding 260906673-0020	Bldg. 162	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0426- Adhesive 260906673-0020A	Bldg. 162	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0427- Wrap 260906673-0021	Bldg. 162	White Non-Fibrous Heterogeneous	25% Glass	75% Non-fibrous (other)	None Detected

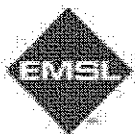
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Project: **09-16368, Olin E. Teague VAMC Reinspection**

Customer ID: ALT50
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Received: 11/18/09 10:00 AM
EMSL Order: 260906673
EMSL Proj: Waco/Temple VA
Analysis Date: 11/19/2009

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0427- Insulation 260906673-0021A	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0428- Wrap 260906673-0022	Bldg. 162	White Fibrous Heterogeneous	85% Cellulose 5% Glass	10% Non-fibrous (other)	None Detected
OT-09-293-0428- Foil Backing 260906673-0022A	Bldg. 162	Silver Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
OT-09-293-0428- Insulation 260906673-0022B	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0429- Floor Tile 260906673-0023	Bldg. 162	Blue Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0429- Mastic 260906673-0023A	Bldg. 162	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

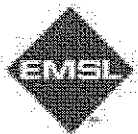
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Project: **09-16368, Olin E. Teague VAMC Reinspection**

Customer ID: ALT50
Customer PO:
Received: 11/18/09 10:00 AM
EMSL Order: 260906673
EMSL Proj: Waco/Temple VA
Analysis Date: 11/19/2009

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0430- Wrap 260906673-0024	Bldg. 162	White Non-Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
OT-09-293-0430- Block Insulation 260906673-0024A	Bldg. 162	White Non-Fibrous Heterogeneous	10% Min. Wool 5% Cellulose	85% Non-fibrous (other)	<1% Chrysotile <1% Amosite
OT-09-293-0431 260906673-0025	Bldg. 162	White Non-Fibrous Heterogeneous	10% Min. Wool 5% Cellulose	83% Non-fibrous (other)	2% Amosite <1% Chrysotile
Positive block insulation. Wrap not analyzed.					
OT-09-293-0432 260906673-0026	Bldg. 162	Black Non-Fibrous Homogeneous		90% Non-fibrous (other)	10% Chrysotile
OT-09-293-0433- Floor Tile 260906673-0027	Bldg. 162	Brown Non-Fibrous Homogeneous		97% Non-fibrous (other)	3% Chrysotile
OT-09-293-0433- Mastic 260906673-0027A	Bldg. 162	Black Non-Fibrous Homogeneous		97% Non-fibrous (other)	3% Chrysotile

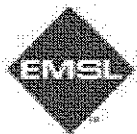
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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0434 260906673-0028	Bldg. 162	White Fibrous Heterogeneous	40% Cellulose 40% Min. Wool	20% Non-fibrous (other)	None Detected
OT-09-293-0435- Mud 260906673-0029	Bldg. 162	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0435- Tape 260906673-0029A	Bldg. 162	White Fibrous Homogeneous	100% Cellulose	0% Non-fibrous (other)	None Detected
OT-09-293-0435- Sheetrock 260906673-0029B	Bldg. 162	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0436- Floor Tile 260906673-0030	Bldg. 162	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0436- Mastic 260906673-0030A	Bldg. 162	Black Non-Fibrous Homogeneous		96% Non-fibrous (other)	4% Chrysotile

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0437- Wrap 260906673-0031	Bldg. 162	White Fibrous Heterogeneous	80% Cellulose 10% Glass	10% Non-fibrous (other)	None Detected
OT-09-293-0437- Foil Backing 260906673-0031A	Bldg. 162	Silver Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
OT-09-293-0437- Foam Insulation 260906673-0031B	Bldg. 162	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
[REDACTED]					
[REDACTED]					
[REDACTED]					
[REDACTED]					
[REDACTED]					

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PLM ANALYSIS 260906673
CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

ALTEC ENVIRONMENTAL CONSULTANTS, INC.

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Project Number: 09-16368

Project Manager: Roy W. Dowling

Project Name:
Olin E. Teague VAMC Reinspection

ALTEC's Client:
Olin E. Teague VA Medical Center

Date: 11/16/09

Laboratory Reference Code ONLY: WACO

Email results to: rdowling@altecenv.com; jholcomb@altecenv.com; tharris@altecenv.com; mwasbes@altecenv.com

ANALYSIS METHOD**TURNAROUND TIME**

INTERIM METHOD PLM

48 hours

Sample Number

Sample Number

Sample Number

OT-09-293-0078

THRU

OT-09-293-0115

OT-09-293-0407

THRU

OT-09-293-0437

OT-09-293-

THRU

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SAMPLES ACCEPTED FOR ANALYSIS
BY EMSL ANALYTICAL, INC.
CHICAGO, IL

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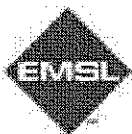
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EMSL Proj: Waco/Temple VA
Analysis Date: 11/19/2009

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0438 260906667-0001	Bldg. 162	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0439 260906667-0002	Bldg. 162	White Fibrous Heterogeneous	40% Cellulose 40% Min. Wool	20% Non-fibrous (other)	None Detected
OT-09-293-0440 260906667-0003	Bldg. 162	White Non-Fibrous Heterogeneous	70% Min. Wool	30% Non-fibrous (other)	None Detected
OT-09-293-0441- Floor Tile 260906667-0004	Bldg. 162	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0441- Mastic 260906667-0004A	Bldg. 162	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0442- Floor Tile 260906667-0005	Bldg. 162	White Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile

Analyst(s)

Alice Hillegass (168)

Andrei Poluchowicz,
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. The limit of detection as stated in the method is 1%. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

Samples analyzed by EMSL Analytical, Inc. Chicago 2444 W. George Street, Chicago IL NVLAP Lab Code 200399-0, TX 300289

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0442-Mastic 260906667-0005A	Bldg. 162	Black Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
OT-09-293-0443-Insulation 260906667-0006	Bldg. 162	Gray Fibrous Heterogeneous	60% Cellulose 30% Glass	10% Non-fibrous (other)	None Detected
OT-09-293-0443-Cloth Backing 260906667-0006A	Bldg. 162	Brown Fibrous Homogeneous	100% Cellulose	0% Non-fibrous (other)	None Detected
OT-09-293-0444-Tape 260906667-0007	Bldg. 162	White Fibrous Heterogeneous	60% Glass	40% Non-fibrous (other)	None Detected
OT-09-293-0444-Foil Backing 260906667-0007A	Bldg. 162	Silver Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0444-Insulation 260906667-0007B	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected

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