

**EMSL Analytical, Inc.**

2444 W. George Street, Chicago, IL 60618

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

Customer ID: ALT50
Customer PO:
Received: 11/18/09 10:00 AM
EMSL Order: 260906667

Fax: (318) 687-9923 Phone: (318) 687-3771
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	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0445- Wrap 260906667-0008	Bldg. 162	White Fibrous Heterogeneous	60% Glass	40% Non-fibrous (other)	None Detected
OT-09-293-0445- Insulation 260906667-0008A	Bldg. 162	Pink Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0446- Wrap 260906667-0009	Bldg. 162	White Fibrous Heterogeneous	10% Cellulose 50% Glass	40% Non-fibrous (other)	None Detected
OT-09-293-0446- Insulation 260906667-0009A	Bldg. 162	Pink Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0447- Wrap 260906667-0010	Bldg. 162	White Fibrous Heterogeneous	85% Cellulose	15% Non-fibrous (other)	None Detected
OT-09-293-0447- Foil Backing 260906667-0010A	Bldg. 162	Silver Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

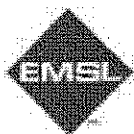
Analyst(s)

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

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

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-09-293-0447- Paper Backing 260906667-0010B	Bldg. 162	Brown Fibrous Heterogeneous	100% Cellulose	0% Non-fibrous (other)	None Detected
OT-09-293-0447- Insulation 260906667-0010C	Bldg. 162	White Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0448- Wrap 260906667-0011	Bldg. 162	White Fibrous Heterogeneous	85% Cellulose	15% Non-fibrous (other)	None Detected
OT-09-293-0448- Insulation 260906667-0011A	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0449- Floor Tile 260906667-0012	Bldg. 162	Brown Non-Fibrous Homogeneous		97% Non-fibrous (other)	3% Chrysotile
OT-09-293-0449- Mastic 260906667-0012A	Bldg. 162	Black Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile

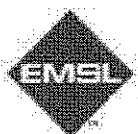
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EMSL Proj: Waco/Temple VA
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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0450- Floor Tile 260906667-0013	Bldg. 162	Brown Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
OT-09-293-0450- Mastic 260906667-0013A	Bldg. 162	Black Non-Fibrous Homogeneous		97% Non-fibrous (other)	3% Chrysotile
OT-09-293-0451 260906667-0014	Bldg. 162	White Non-Fibrous Heterogeneous	20% Min. Wool	78% Non-fibrous (other)	<1% Chrysotile 2% Amosite
OT-09-293-0452 260906667-0015	Bldg. 162	White Fibrous Heterogeneous	40% Cellulose 40% Glass	20% Non-fibrous (other)	None Detected
OT-09-293-0453- Cove Molding 260906667-0016	Bldg. 162	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0453- Adhesive 260906667-0016A	Bldg. 162	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

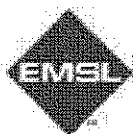
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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0454- Wrap 260906667-0017	Bldg. 162	White Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (other)	None Detected
OT-09-293-0454- Insulation 260906667-0017A	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0455- Wrap 260906667-0018	Bldg. 162	White Non-Fibrous Heterogeneous	10% Cellulose 50% Glass	37% Non-fibrous (other)	3% Chrysotile
OT-09-293-0455- Foil Backing 260906667-0018A	Bldg. 162	Silver Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0455- Insulation 260906667-0018B	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0456- Wrap 260906667-0019	Bldg. 162	White Fibrous Heterogeneous	30% Cellulose 60% Glass	10% Non-fibrous (other)	None Detected

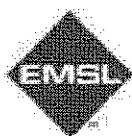
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Project: **09-16368, Olin E. Teague VAMC Reinspection**

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-09-293-0456- Foil Backing 260906667-0019A	Bldg. 162	Silver Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0456- Insulation 260906667-0019B	Bldg. 162	Yellow Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0457- Floor Tile 260906667-0020	Bldg. 162	Brown Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
OT-09-293-0457- Mastic 260906667-0020A	Bldg. 162	Black Non-Fibrous Homogeneous		97% Non-fibrous (other)	3% Chrysotile
OT-09-293-0458 260906667-0021	Bldg. 162	Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0459- Sheetrock 260906667-0022	Bldg. 162	Brown/White Non-Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected

Analyst(s)

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0459-Tape 260906667-0022A	Bldg. 162	White Fibrous Homogeneous	100% Cellulose	0% Non-fibrous (other)	None Detected
OT-09-293-0459-Mud 260906667-0022B	Bldg. 162	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0460-Wrap 260906667-0023	Bldg. 162	White Fibrous Heterogeneous	85% Cellulose	15% Non-fibrous (other)	None Detected
OT-09-293-0460-Insulation 260906667-0023A	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0461-Wrap 260906667-0024	Bldg. 162	White Fibrous Heterogeneous	85% Cellulose	15% Non-fibrous (other)	None Detected
OT-09-293-0461-Insulation 260906667-0024A	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected

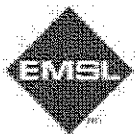
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EMSL Proj: Waco/Temple VA
Analysis Date: 11/19/2009

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-09-293-0462- Wrap 260906667-0025	Bldg. 162	White Fibrous Heterogeneous	60% Glass	40% Non-fibrous (other)	None Detected
OT-09-293-0462- Insulation 260906667-0025A	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0463- Floor Tile 260906667-0026	Bldg. 162	Blue Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0463- Mastic 260906667-0026A	Bldg. 162	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
[REDACTED]					
[REDACTED]					
[REDACTED]					
[REDACTED]					

Analyst(s)

Alice Hillegass (168)


Andrei Poluchowicz,
or other approved signatory

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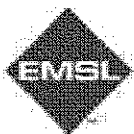
Samples analyzed by EMSL Analytical, Inc. Chicago 2444 W. George Street, Chicago IL NVLAP Lab Code 200399-0, TX 300289

PLM ANALYSIS
CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

260906667

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: 11/17/09									
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-09-293-0116		THRU		OT-09-293-0153					
OT-09-293-0251		THRU		OT-09-293-0284					
OT-09-293-0438		THRU		OT-09-293-0463					
OT-09-293-		THRU		OT-09-293-					
OT-09-293-		THRU		OT-09-293-					
OT-09-293-		THRU		OT-09-293-					
OT-09-293-		THRU		OT-09-293-					
OT-09-293-		THRU		OT-09-293-					
OT-09-293-		THRU		OT-09-293-		SAMPLES ACCEPTED FOR ANALYSIS BY EMSL ANALYTICAL, INC. CHICAGO, IL			
<h1>SEE THE ATTACHED INSPECTION LOGS</h1>									
				FedEx Tracking No.: 7970 0283 3010					
Relinquished by: <i>[Signature]</i>		Date: 11/17/09		Time: 12:20		Received by: <i>[Signature]</i>			
Relinquished by: <i>[Signature]</i>		Date: 11/18/09		Time: 10am		Received by: <i>[Signature]</i>			
Send to: EMSL Analytical, Inc. - 2444 W. George Street - Chicago, IL, 60618 Phone: (773) 313-0099 - Fax: (773) 313-0139									

FedEx



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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0464 260906702-0036	Bldg. 162	White Non-Fibrous Heterogeneous	10% Min. Wool	88% Non-fibrous (other)	2% Amosite
Positive block insulation. Wrap layer not analyzed.					
OT-09-293-0465- Insulation 260906702-0037	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0465- Wrap 260906702-0037A	Bldg. 162	White Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
OT-09-293-0466- Insulation 260906702-0038	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0466- Wrap 260906702-0038A	Bldg. 162	White Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
OT-09-293-0467- Block Insulation 260906702-0039	Bldg. 162	White Non-Fibrous Heterogeneous	10% Min. Wool	90% Non-fibrous (other)	None Detected

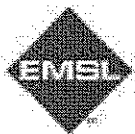
Analyst(s)

Jonathan Tallert (132)

Andrei Poluchowicz,
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			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0467- Wrap 260906702-0039A	Bldg. 162	White Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
OT-09-293-0468- Adhesive 260906702-0040	Bldg. 162	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0468- Floor Tile 260906702-0040A	Bldg. 162	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0468- Mastic 260906702-0040B	Bldg. 162	Black Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
OT-09-293-0469 260906702-0041	Bldg. 162	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0470- Insulation 260906702-0042	Bldg. 162	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

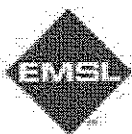
Analyst(s)

Jonathan Tallert (132)

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: 11/19/09 10:00 AM
 EMSL Order: 260906702
 EMSL Proj: Waco/Temple VA
 Analysis Date: 11/20/2009

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-09-293-0470- Wrap 260906702-0042A	Bldg. 162	White Fibrous Heterogeneous	20% Cellulose 5% Glass	75% Non-fibrous (other)	None Detected
OT-09-293-0471- Insulation 260906702-0043	Bldg. 162	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0471- Wrap 260906702-0043A	Bldg. 162	White Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (other)	None Detected
OT-09-293-0471- Foil Backing 260906702-0043B	Bldg. 162	Silver Non-Fibrous Heterogeneous	10% Glass	90% Non-fibrous (other)	None Detected
OT-09-293-0472 260906702-0044	Bldg. 162	White Non-Fibrous Heterogeneous	5% Min. Wool	93% Non-fibrous (other)	<1% Chrysotile 2% Amosite
Positive block insulation. Wrap layer not analyzed.					
OT-09-293-0473- Adhesive 260906702-0045	Bldg. 162	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

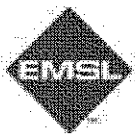
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Customer PO:
Received: 11/19/09 10:00 AM
EMSL Order: 260906702
EMSL Proj: Waco/Temple VA
Analysis Date: 11/20/2009

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-09-293-0473- Floor Tile 260906702-0045A	Bldg. 162	Brown Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
OT-09-293-0473- Mastic 260906702-0045B	Bldg. 162	Black Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
OT-09-293-0474- Cove Molding 260906702-0046	Bldg. 162	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0474- Adhesive 260906702-0046A	Bldg. 162	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0475 260906702-0047	Bldg. 162	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0476- Insulation 260906702-0048	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected

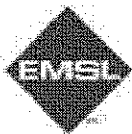
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EMSL Proj: Waco/Temple VA
Analysis Date: 11/20/2009

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-09-293-0476- Black Mastic 260906702-0048A	Bldg. 162	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0476- Wrap 260906702-0048B	Bldg. 162	White Fibrous Heterogeneous	60% Glass	40% Non-fibrous (other)	None Detected
OT-09-293-0477 260906702-0049	Bldg. 162	White Non-Fibrous Heterogeneous	5% Min. Wool	93% Non-fibrous (other)	<1% Chrysotile 2% Amosite
Positive block insulation. Wrap layer not analyzed.					
OT-09-293-0478- Block Insulation 260906702-0050	Bldg. 162	White Non-Fibrous Heterogeneous	10% Min. Wool	90% Non-fibrous (other)	None Detected
OT-09-293-0478- Wrap 260906702-0050A	Bldg. 162	White Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
OT-09-293-0479- Block Insulation 260906702-0051	Bldg. 162	White Non-Fibrous Heterogeneous	10% Min. Wool	90% Non-fibrous (other)	None Detected

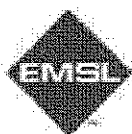
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Project: **09-16368, Olin E. Teague VAMC Reinspection**

EMSL Proj: Waco/Temple VA
Analysis Date: 11/20/2009

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-09-293-0479- Wrap 260906702-0051A	Bldg. 162	White Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
OT-09-293-0480 260906702-0052	Bldg. 162	White Non-Fibrous Heterogeneous	5% Min. Wool	95% Non-fibrous (other)	<1% Chrysotile <1% Amosite
Positive block insulation. Wrap layer not analyzed.					
OT-09-293-0481- Insulation 260906702-0053	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0481- Wrap 260906702-0053A	Bldg. 162	White Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
OT-09-293-0482 260906702-0054	Bldg. 162	White Non-Fibrous Heterogeneous	5% Min. Wool	93% Non-fibrous (other)	<1% Chrysotile 2% Amosite
Positive block insulation. Wrap layer not analyzed.					
OT-09-293-0483- Insulation 260906702-0055	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected

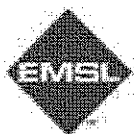
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EMSL Order: 260906702

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

EMSL Proj: Waco/Temple VA
Analysis Date: 11/20/2009

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-09-293-0483- Wrap 260906702-0055A	Bldg. 162	White Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
OT-09-293-0484 260906702-0056	Bldg. 162	White Non-Fibrous Heterogeneous	5% Min. Wool	93% Non-fibrous (other)	<1% Chrysotile 2% Amosite
Positive block insulation. Wrap layer not analyzed.					
OT-09-293-0485- Insulation 260906702-0057	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0485- Wrap 260906702-0057A	Bldg. 162	White Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
OT-09-293-0486 260906702-0058	Bldg. 162	White Non-Fibrous Heterogeneous	5% Min. Wool	93% Non-fibrous (other)	<1% Chrysotile 2% Amosite
Positive block insulation. Wrap layer not analyzed.					
OT-09-293-0487- Insulation 260906702-0059	Bldg. 162	Yellow Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0487- Wrap 260906702-0059A	Bldg. 162	White Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
OT-09-293-0488- Floor Tile 260906702-0060	Bldg. 162	Red Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0488- Mastic 260906702-0060A	Bldg. 162	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0489- Floor Tile 260906702-0061	Bldg. 162	Blue Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0489- Mastic 260906702-0061A	Bldg. 162	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0490 260906702-0062	Bldg. 162	Black Non-Fibrous Heterogeneous		93% Non-fibrous (other)	7% Chrysotile

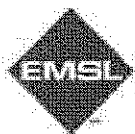
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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0491 260906702-0063	Bldg. 162	White Non-Fibrous Heterogeneous	5% Min. Wool	93% Non-fibrous (other)	<1% Chrysotile 2% Amosite
Positive block insulation. Wrap layer not analyzed.					
OT-09-293-0492-Insulation 260906702-0064	Bldg. 162	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0492-Wrap 260906702-0064A	Bldg. 162	White Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
OT-09-293-0492-Mastic 260906702-0064B	Bldg. 162	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0492-Foil Backing 260906702-0064C	Bldg. 162	Silver Non-Fibrous Heterogeneous	10% Glass	90% Non-fibrous (other)	None Detected
OT-09-293-0493 260906702-0065	Bldg. 162	White Non-Fibrous Heterogeneous	5% Min. Wool	93% Non-fibrous (other)	<1% Chrysotile 2% Amosite
Positive block insulation. Wrap layer not analyzed.					

Analyst(s)

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0494- Insulation 260906702-0066	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0494- Wrap 260906702-0066A	Bldg. 162	White Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
OT-09-293-0495- Wrap 260906702-0067	Bldg. 162	Brown Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
OT-09-293-0495- Insulation 260906702-0067A	Bldg. 162	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0495- Mastic 260906702-0067B	Bldg. 162	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0495- Foil Wrap 260906702-0067C	Bldg. 162	Silver Non-Fibrous Heterogeneous	5% Glass	95% Non-fibrous (other)	None Detected

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PLM ANALYSIS
CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

260406702

ALTEC ENVIRONMENTAL CONSULTANTS, INC.

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10100 WOOLWORTH ROAD

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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: 11/18/09

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-09-293-0154

THRU

OT-09-293-0188

OT-09-293-0464

THRU

OT-09-293-0495

OT-09-293-

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

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Analysis Date: 11/23/2009

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
[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-09-293-0496- Floor Tile 1 260906723-0025	Bldg. 162	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Report Amended: 12/15/2009 6:57:17 AM Replaces the Initial Report . Reason Code: Client-Results Changed

Analyst(s)

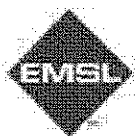
Alice Hillegass (63)
Jonathan Tallert (38)

Chas. Flaherty

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

**EMSL Analytical, Inc.**

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

EMSL Proj: Waco/Temple VA
Analysis Date: 11/23/2009

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-09-293-0496-Mastic 260906723-0025A	Bldg. 162	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0496-Floor Tile 2 260906723-0025B	Bldg. 162	Brown Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
OT-09-293-0496-Mastic 260906723-0025C	Bldg. 162	Black Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
OT-09-293-0497-Plaster 260906723-0026	Bldg. 162	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0497-Wrap 260906723-0026A	Bldg. 162	White Fibrous Heterogeneous	40% Glass	60% Non-fibrous (other)	None Detected
OT-09-293-0497-Block 260906723-0026B	Bldg. 162	White Non-Fibrous Heterogeneous	10% Min. Wool	90% Non-fibrous (other)	<1% Amosite <1% Chrysotile

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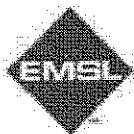
Analyst(s)

Alice Hillegass (63)
Jonathan Tallert (38)

Andrei Poluchowicz,
or other approved signatory

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

EMSL Proj: Waco/Temple VA
Analysis Date: 11/23/2009

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-09-293-0497-Insulation 260906723-0026C	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0498-Wrap 260906723-0027	Bldg. 162	White Fibrous Heterogeneous	60% Glass	40% Non-fibrous (other)	None Detected
OT-09-293-0498-Foil Backing 260906723-0027A	Bldg. 162	Silver Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0498-Insulation 260906723-0027B	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0499-Floor Tile 1 260906723-0028	Bldg. 162	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0499-Mastic 260906723-0028A	Bldg. 162	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

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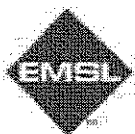
Analyst(s)

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

EMSL Proj: Waco/Temple VA
 Analysis Date: 11/23/2009

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-09-293-0499- Floor Tile 2 260906723-0028B	Bldg. 162	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0499- Mastic 260906723-0028C	Bldg. 162	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	<1% Chrysotile
OT-09-293-0500- Adhesive 260906723-0029	Bldg. 162	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0500- Floor Tile 260906723-0029A	Bldg. 162	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0500- Mastic 260906723-0029B	Bldg. 162	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0701- Insulation 260906723-0030	Bldg. 162	Yellow Fibrous Heterogeneous	100% Glass	0% Non-fibrous (other)	None Detected

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EMSL Proj: Waco/Temple VA
Analysis Date: 11/23/2009

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-09-293-0701-Wrap 260906723-0030A	Bldg. 162	White Fibrous Heterogeneous	60% Glass	40% Non-fibrous (other)	None Detected
OT-09-293-0702-Insulation 260906723-0031	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0702-Wrap 260906723-0031A	Bldg. 162	White Fibrous Heterogeneous	60% Glass	40% Non-fibrous (other)	None Detected
OT-09-293-0703-Insulation 260906723-0032	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0703-Wrap 260906723-0032A	Bldg. 162	Brown Fibrous Heterogeneous	60% Glass	40% Non-fibrous (other)	None Detected
OT-09-293-0703-Foil Backing 260906723-0032B	Bldg. 162	Silver Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

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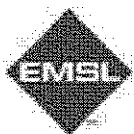
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Andrei Poluchowicz,
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EMSL Proj: Waco/Temple VA
 Analysis Date: 11/23/2009

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-09-293-0704 260906723-0033	Bldg. 162	White Fibrous Heterogeneous	40% Cellulose 40% Min. Wool	20% Non-fibrous (other)	None Detected
OT-09-293-0705- Floor Tile 260906723-0034	Bldg. 162	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0705- Mastic 260906723-0034A	Bldg. 162	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0706 260906723-0035	Bldg. 162	White Non-Fibrous Heterogeneous	5% Min. Wool	93% Non-fibrous (other)	2% Amosite
Positive block insulation. Wrap layer not analyzed.					
OT-09-293-0707- Insulation 260906723-0036	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0707- Wrap 260906723-0036A	Bldg. 162	White Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected

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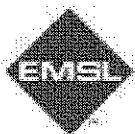
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Project: **09-16368, Olin E. Teague VAMC Reinspection**

EMSL Proj: Waco/Temple VA
Analysis Date: 11/23/2009

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-09-293-0708-Insulation 260906723-0037	Bldg. 162	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0708-Wrap 260906723-0037A	Bldg. 162	White Fibrous Heterogeneous	60% Glass	40% Non-fibrous (other)	None Detected
OT-09-293-0708-Mastic 260906723-0037B	Bldg. 162	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0709-Insulation 260906723-0038	Bldg. 162	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0709-Wrap 260906723-0038A	Bldg. 162	White Fibrous Heterogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
OT-09-293-0709-Foil Backing 260906723-0038B	Bldg. 162	Silver Non-Fibrous Heterogeneous	10% Glass	90% Non-fibrous (other)	None Detected

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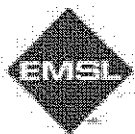
Analyst(s)

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0709-Mastic 260906723-0038C	Bldg. 162	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0710-Floor Tile 260906723-0039	Bldg. 162	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0710-Mastic 260906723-0039A	Bldg. 162	Black/Yellow Non-Fibrous Heterogeneous		96% Non-fibrous (other)	4% Chrysotile
Mastic layers were inseparable. Results for analysis are composited.					
OT-09-293-0711 260906723-0040	Bldg. 162	White Non-Fibrous Heterogeneous		98% Non-fibrous (other)	<1% Chrysotile 2% Amosite
Wrap not analyzed. Positive Block Insulation.					
OT-09-293-0712-Wrap 260906723-0041	Bldg. 162	White Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
OT-09-293-0712-Insulation 260906723-0041A	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected

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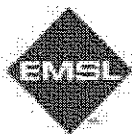
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EMSL Proj: Waco/Temple VA
Analysis Date: 11/23/2009

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-09-293-0713- Wrap 260906723-0042	Bldg. 162	White Fibrous Heterogeneous	85% Cellulose	15% Non-fibrous (other)	None Detected
OT-09-293-0713- Insulation 260906723-0042A	Bldg. 162	White Non-Fibrous Heterogeneous		98% Non-fibrous (other)	<1% Chrysotile 2% Amosite
OT-09-293-0714- Wrap 260906723-0043	Bldg. 162	White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
OT-09-293-0714- Insulation 260906723-0043A	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0715 260906723-0044	Bldg. 162	Gray Fibrous Heterogeneous		70% Non-fibrous (other)	30% Chrysotile
OT-09-293-0716 260906723-0045	Bldg. 162	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

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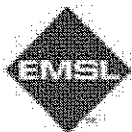
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Customer ID: ALT50
Customer PO:
Received: 11/20/09 10:00 AM
EMSL Order: 260906723

EMSL Proj: Waco/Temple VA
Analysis Date: 11/23/2009

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

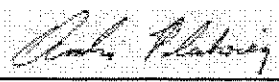
Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0717 260906723-0046	Bldg. 162	Black Non-Fibrous Heterogeneous		90% Non-fibrous (other)	10% Chrysotile
OT-09-293-0718 260906723-0047	Bldg. 162	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0719 260906723-0048	Bldg. 162	Gray Non-Fibrous Heterogeneous		80% Non-fibrous (other)	20% Chrysotile
OT-09-293-0720 260906723-0049	Bldg. 162	Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0721 260906723-0050	Bldg. 162	Black Non-Fibrous Heterogeneous		90% Non-fibrous (other)	10% Chrysotile

12/15/09; Sample # -0026 (insufficient material) resubmitted for analysis at client request.

Report Amended: 12/15/2009 6:57:17 AM Replaces the Initial Report . Reason Code: Client-Results Changed

Analyst(s)

Alice Hillegass (63)
Jonathan Tallert (38)


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

PLM ANALYSIS
CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

260906723

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: 11/19/09

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-09-293-0189

THRU

OT-09-293-0212

OT-09-293-0496

THRU

OT-09-293-0500

OT-09-293-0701

THRU

OT-09-293-0721

OT-09-293-

THRU

OT-09-293-

OT-09-293-

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THRU

OT-09-293-

OT-09-293-

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THRU

OT-09-293-

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

SEE THE ATTACHED INSPECTION LOGS

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Phone: (773) 313-0099 - Fax: (773) 313-0139

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**EMSL Analytical, Inc.**

2444 W. George Street, Chicago, IL 60618

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 VAC Reinspection**

Customer ID: ALT50
Customer PO:
Received: 11/24/09 10:00 AM
EMSL Order: 260906788
EMSL Proj: Waco/Temple VA
Analysis Date: 11/25/2009

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
[REDACTED]					
[REDACTED]					
[REDACTED]					
[REDACTED]					
[REDACTED]					
OT-09-293-0722 260906788-0022	Bldg. 162	White Fibrous Homogeneous		60% Non-fibrous (other)	40% Chrysotile
OT-09-293-0723- Wrap 260906788-0023	Bldg. 162	White Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (other)	None Detected
OT-09-293-0723- Block Insulation 260906788-0023A	Bldg. 162	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	<1% Amosite

Analyst(s)

Michael Pohmann (105)

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