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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
OT-09-293-0724- Floor Tile 260906788-0024	Bldg. 162	Brown Non-Fibrous Homogeneous		97% Non-fibrous (other)	3% Chrysotile
OT-09-293-0724- Mastic 260906788-0024A	Bldg. 162	Black Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
OT-09-293-0725- Cove Molding 260906788-0025	Bldg. 162	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0725- Adhesive 260906788-0025A	Bldg. 162	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0726 260906788-0026	Bldg. 162	White Fibrous Heterogeneous		50% Non-fibrous (other)	50% Chrysotile
OT-09-293-0727- Wrap 260906788-0027	Bldg. 162	White Fibrous Heterogeneous	75% Cellulose 5% Glass	20% Non-fibrous (other)	<1% Chrysotile

Analyst(s)

Michael Pohlmann (105)

Andrei Poluchowicz,  
or other approved signatory

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			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0727- Foil Backing 260906788-0027A	Bldg. 162	Silver Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
OT-09-293-0727- Mastic 260906788-0027B	Bldg. 162	Black Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (other)	None Detected
OT-09-293-0727- Insulation 260906788-0027C	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0728 260906788-0028	Bldg. 162	White Fibrous Heterogeneous	40% Cellulose 40% Min. Wool	20% Non-fibrous (other)	None Detected
OT-09-293-0729- Wrap 260906788-0029	Bldg. 162	White Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
OT-09-293-0729- Block Insulation 260906788-0029A	Bldg. 162	White Non-Fibrous Heterogeneous	5% Min. Wool 5% Cellulose	90% Non-fibrous (other)	<1% Chrysotile <1% Amosite

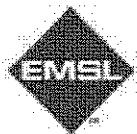
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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0730- Wrap 260906788-0030	Bldg. 162	White Fibrous Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
OT-09-293-0730- Insulation 260906788-0030A	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0731- Wrap 260906788-0031	Bldg. 162	White Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
OT-09-293-0731- Block Insulation 260906788-0031A	Bldg. 162	White Non-Fibrous Homogeneous	5% Min. Wool	95% Non-fibrous (other)	<1% Amosite
OT-09-293-0732- Wrap 260906788-0032	Bldg. 162	White Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
OT-09-293-0732- Insulation 260906788-0032A	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0733- Mud 260906788-0033	Bldg. 162	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0733- Tape 260906788-0033A	Bldg. 162	White Fibrous Homogeneous	100% Cellulose	0% Non-fibrous (other)	None Detected
OT-09-293-0733- Sheetrock 260906788-0033B	Bldg. 162	White Non-Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
OT-09-293-0734- Floor Tile 260906788-0034	Bldg. 162	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0734- Mastic 260906788-0034A	Bldg. 162	Yellow Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0735 260906788-0035	Bldg. 162	White Fibrous Heterogeneous	40% Cellulose 40% Min. Wool	20% Non-fibrous (other)	None Detected

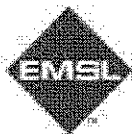
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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0736 260906788-0036	Bldg. 162	White Non-Fibrous Homogeneous		96% Non-fibrous (other)	4% Chrysotile
OT-09-293-0737- Floor Tile 260906788-0037	Bldg. 162	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0737- Mastic 260906788-0037A	Bldg. 162	Black Non-Fibrous Homogeneous	3% Cellulose	97% Non-fibrous (other)	None Detected
OT-09-293-0738- Floor Tile 260906788-0038	Bldg. 162	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0738- Mastic 260906788-0038A	Bldg. 162	Black Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
OT-09-293-0739- Caulk 260906788-0039	Bldg. 162	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

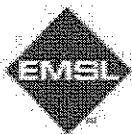
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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0739-Plaster 260906788-0039A	Bldg. 162	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	<1% Chrysotile
OT-09-293-0739-Base Coat 260906788-0039B	Bldg. 162	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
Additional layer not listed on COC.					
OT-09-293-0740-Floor Tile 260906788-0040	Bldg. 162	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0740-Mastic 260906788-0040A	Bldg. 162	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0741-Floor Tile 260906788-0041	Bldg. 162	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0741-Mastic 1 260906788-0041A	Bldg. 162	Black Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile

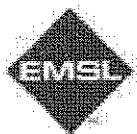
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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0741- Mastic 2 260906788-0041B	Bldg. 162	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
Additional layer not listed on COC.					
OT-09-293-0742- Cove Molding 260906788-0042	Bldg. 162	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0742- Adhesive 260906788-0042A	Bldg. 162	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0743- Floor Tile 260906788-0043	Bldg. 162	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0743- Mastic 260906788-0043A	Bldg. 162	Black/Yellow Non-Fibrous Heterogeneous		98% Non-fibrous (other)	2% Chrysotile
Yellow and black mastics inseparable. Results composited.					
OT-09-293-0744- Wrap 260906788-0044	Bldg. 162	White Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected

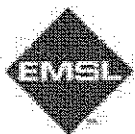
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			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0744- Block Insulation 260906788-0044A	Bldg. 162	White Non-Fibrous  Heterogeneous	5% Min. Wool 5% Cellulose	90% Non-fibrous (other)	<1% Amosite
OT-09-293-0745- Wrap 260906788-0045	Bldg. 162	White Fibrous  Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
OT-09-293-0745- Insulation 260906788-0045A	Bldg. 162	Yellow Fibrous  Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0746 260906788-0046A	Bldg. 162	White Non-Fibrous Heterogeneous	5% Min. Wool	93% Non-fibrous (other)	2% Amosite <1% Chrysotile
Positive block insulation. Wrap not analyzed.					
OT-09-293-0747- Wrap 260906788-0047	Bldg. 162	White Fibrous  Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
OT-09-293-0747- Insulation 260906788-0047A	Bldg. 162	Yellow Fibrous  Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected

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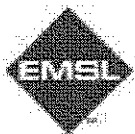
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OT-09-293-0748- Wrap 260906788-0048	Bldg. 162	White Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
OT-09-293-0748- Block Insulation 260906788-0048A	Bldg. 162	White Non-Fibrous Heterogeneous	5% Min. Wool	95% Non-fibrous (other)	<1% Chrysotile <1% Amosite
OT-09-293-0749- Wrap 260906788-0049	Bldg. 162	White Fibrous Heterogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
OT-09-293-0749- Insulation 260906788-0049A	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0750 260906788-0050	Bldg. 162	White Fibrous Heterogeneous	40% Cellulose 40% Min. Wool	20% Non-fibrous (other)	None Detected
OT-09-293-0751 260906788-0051	Bldg. 162	Black Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile

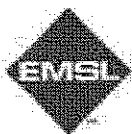
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2444 W. George Street, Chicago, IL 60618

Phone: (773) 313-0099 Fax: (773) 313-0139 Email: [chicagolab@emsl.com](mailto: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	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0752- Floor Tile 260906788-0052	Bldg. 162	Green Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0752- Mastic 260906788-0052A	Bldg. 162	Black Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
OT-09-293-0753 260906788-0053	Bldg. 162	Black Non-Fibrous Homogeneous		90% Non-fibrous (other)	10% Chrysotile

Analyst(s)

Michael Pohlmann (105)

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

200906788

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

**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: 11/23/09

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- 0213

THRU

OT-09-293- 0233

OT-09-293- 0722

THRU

OT-09-293- 0753

OT-09-293-

THRU

OT-09-293-

OT-09-293-

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OT-09-293-

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OT-09-293-

OT-09-293-

THRU

OT-09-293-

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

FedEx Tracking No.:

7970 0281 9255

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Time:

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Date:

Time:

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Date:

Time:

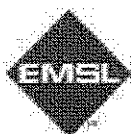
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Date:

Time:

Send to: EMSL Analytical, Inc. - 2444 W. George Street - Chicago, IL, 60618

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

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**Shreveport, LA 71138-0867**

Fax: (318) 687-9923 Phone: (318) 687-3771

Project: **Olin E. Teague VAMC Reinspection**

Customer ID: ALT50  
Customer PO:  
Received: 11/25/09 10:00 AM  
EMSL Order: 260906816  
  
EMSL Proj: Waco/Temple VA  
Analysis Date: 11/27/2009

**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-09-293-0754 260906816-0001	Bldg. 162	White Fibrous Heterogeneous	40% Cellulose 40% Min. Wool	20% Non-fibrous (other)	None Detected
OT-09-293-0755- Floor Tile 260906816-0002	Bldg. 162	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0755- Mastic 260906816-0002A	Bldg. 162	Black/Yellow Non-Fibrous Heterogeneous		98% Non-fibrous (other)	2% Chrysotile
OT-09-293-0756 260906816-0003	Bldg. 162	White Fibrous Heterogeneous	40% Cellulose 40% Min. Wool	20% Non-fibrous (other)	None Detected
OT-09-293-0757 260906816-0004	Bldg. 162	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0758- Sheetrock 260906816-0005	Bldg. 162	Brown/White/Yello w Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

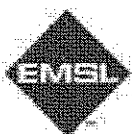
Analyst(s)

Jonathan Tallert (83)

Andrei Poluchowicz,  
or other approved signatory

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Project: **Olin E. Teague VAMC Reinspection**

Customer ID: ALT50  
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EMSL Order: 260906816  
EMSL Proj: Waco/Temple VA  
Analysis Date: 11/27/2009

### 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-09-293-0758- Tape 260906816-0005A	Bldg. 162	White Fibrous  Homogeneous	100% Cellulose	0% Non-fibrous (other)	None Detected
OT-09-293-0758- Mud 260906816-0005B	Bldg. 162	White Non-Fibrous  Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0759 260906816-0006	Bldg. 162	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0760- Floor Tile 260906816-0007	Bldg. 162	Brown Non-Fibrous  Homogeneous		96% Non-fibrous (other)	4% Chrysotile
OT-09-293-0760- Mastic 260906816-0007A	Bldg. 162	Black Non-Fibrous  Homogeneous		95% Non-fibrous (other)	5% Chrysotile
OT-09-293-0761 260906816-0008	Bldg. 162	White Non-Fibrous Homogeneous		96% Non-fibrous (other)	4% Chrysotile

Analyst(s)

Jonathan Tallert (83)

Andrei Poluchowicz,  
or other approved signatory

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**Shreveport, LA 71138-0867**

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Analysis Date: 11/27/2009

### 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-09-293-0762 260906816-0009	Bldg. 162	Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0763- Floor Tile 260906816-0010	Bldg. 162	Brown Non-Fibrous Homogeneous		96% Non-fibrous (other)	4% Chrysotile
OT-09-293-0763- Mastic 260906816-0010A	Bldg. 162	Black Non-Fibrous Homogeneous		95% Non-fibrous (other)	5% Chrysotile
OT-09-293-0764- Floor Tile 260906816-0011	Bldg. 162	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0764- Mastic 260906816-0011A	Bldg. 162	Black/Yellow Non-Fibrous Heterogeneous		97% Non-fibrous (other)	3% Chrysotile
OT-09-293-0765- Floor Tile 260906816-0012	Bldg. 162	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

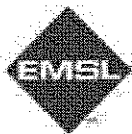
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Customer ID: ALT50  
Customer PO:  
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EMSL Order: 260906816

EMSL Proj: Waco/Temple VA  
Analysis Date: 11/27/2009

### 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-09-293-0765-Mastic 260906816-0012A	Bldg. 162	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0766 260906816-0013	Bldg. 162	White Fibrous Heterogeneous	40% Cellulose 40% Min. Wool	20% Non-fibrous (other)	None Detected
OT-09-293-0767 260906816-0014	Bldg. 162	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0768 260906816-0015	Bldg. 162	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0769-Linoleum 260906816-0016	Bldg. 162	Tan Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0769-Mastic 260906816-0016A	Bldg. 162	Black/Yellow Non-Fibrous Heterogeneous		98% Non-fibrous (other)	2% Chrysotile
OT-09-293-0770 260906816-0017	Bldg. 162	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Jonathan Tallert (83)

Andrei Poluchowicz,  
or other approved signatory

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260906816

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

**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: 11/24/09

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-09-293-0234

THRU

OT-09-293-0250

OT-09-293-0285

THRU

OT-09-293-0300

OT-09-293-0754

THRU

OT-09-293-0770

OT-09-293-

THRU

OT-09-293-

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THRU

OT-09-293-

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

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



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**Shreveport, LA 71138-0867**

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

Customer ID: ALT50  
Customer PO:  
Received: 11/27/09 10:00 AM  
EMSL Order: 260906844

EMSL Proj: Waco/Temple VA  
Analysis Date: 11/30/2009

### 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-09-293-0771- Wrap 260906844-0031	Bldg. 162	White Fibrous  Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
OT-09-293-0771- Block Insulation 260906844-0031A	Bldg. 162	White Non-Fibrous  Heterogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected
OT-09-293-0771- Fiberglass Insulation 260906844-0031B	Bldg. 162	Yellow Fibrous  Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0772- Wrap 260906844-0032	Bldg. 162	White Fibrous  Heterogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected

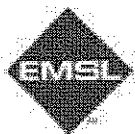
**Analyst(s)**

Alice Hillegass (85)  
Michael Pohlmann (16)

Andrei Poluchowicz,  
or other approved signatory

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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-09-293-0772- Insulation 260906844-0032A	Bldg. 162	White Non-Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected
OT-09-293-0773- Wrap 260906844-0033	Bldg. 162	White Non-Fibrous Homogeneous	5% Wollastonite	95% Non-fibrous (other)	<1% Chrysotile
OT-09-293-0773- Insulation 260906844-0033A	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0774- Wrap 260906844-0034	Bldg. 162	White Fibrous Heterogeneous	80% Cellulose	20% Non-fibrous (other)	None Detected
OT-09-293-0774- Insulation 260906844-0034A	Bldg. 162	White Non-Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
OT-09-293-0775- Wrap 260906844-0035	Bldg. 162	White Non-Fibrous Homogeneous	3% Wollastonite	97% Non-fibrous (other)	<1% Chrysotile

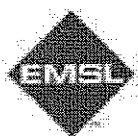
Analyst(s)

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Michael Pohlmann (16)

Andrei Poluchowicz,  
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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0775- Insulation 260906844-0035A	Bldg. 162	Yellow Fibrous  Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0775- Foil Backing 260906844-0035B	Bldg. 162	Silver Non-Fibrous  Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0776- Sheetrock 260906844-0036	Bldg. 162	White Non-Fibrous  Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
OT-09-293-0776- Tape 260906844-0036A	Bldg. 162	White Fibrous  Homogeneous	100% Cellulose	0% Non-fibrous (other)	None Detected
OT-09-293-0776- Mud 260906844-0036B	Bldg. 162	White Non-Fibrous  Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0777 260906844-0037	Bldg. 162	Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

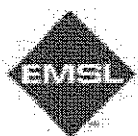
## Analyst(s)

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Michael Pohlmann (16)

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.**

2444 W. George Street, Chicago, IL 60618

Phone: (773) 313-0099 Fax: (773) 313-0139 Email: [chicagolab@emsl.com](mailto: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: **Olin E. Teague VAMC Reinspection**

Customer ID: ALT50  
Customer PO:  
Received: 11/27/09 10:00 AM  
EMSL Order: 260906844  
EMSL Proj: Waco/Temple VA  
Analysis Date: 11/30/2009

### 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-09-293-0778 260906844-0038	Bldg. 162	Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0779 260906844-0039	Bldg. 162	Black Non-Fibrous Heterogeneous	10% Cellulose 15% Glass	75% Non-fibrous (other)	None Detected
OT-09-293-0780 260906844-0040	Bldg. 162	Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0781- Wrap 260906844-0041	Bldg. 162	White Non-Fibrous Heterogeneous	40% Cellulose 60% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0781- Foil Backing 260906844-0041A	Bldg. 162	Silver Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
OT-09-293-0781- Insulation 260906844-0041B	Bldg. 162	Yellow Fibrous Homogeneous	100% Glass	0% Non-fibrous (other)	None Detected
OT-09-293-0782 260906844-0042	Bldg. 162	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

**Analyst(s)**

Alice Hillegass (85)  
Michael Pohlmann (16)

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

260906844

PLM ANALYSIS  
CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

**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: 11/25/09

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-09-293-0771

THRU

OT-09-293-0796

OT-09-293-0801

THRU

OT-09-293-0830

OT-09-293-

THRU

OT-09-293-

OT-09-293-

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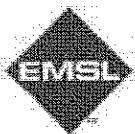
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Phone: (773) 313-0099 - Fax: (773) 313-0139

**EMSL Analytical, Inc.**

2444 W. George Street, Chicago, IL 60618

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Fax: (773) 313-0139

Email: [chicago@emsl.com](mailto:chicago@emsl.com)

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

Customer ID: ALT50  
Customer PO:  
Received: 12/07/09 3:30 PM  
EMSL Order: 260906540

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


EMSL Proj: Waco/Temple VA  
Analysis Date: 12/11/2009

**Test Report: Polarized Light Microscopy (PLM) - Point Count Performed by EPA 600/R-93/116 Method with Gravimetric Reduction and 400 Point Count**

SAMPLE ID	DESCRIPTION	APPEARANCE	(% Matrix Organic Acid		ASBESTOS % TYPES		NON- ASBESTOS % Fibrous	NON- ASBESTOS % NON-FIBROUS
[REDACTED]								
[REDACTED]								
[REDACTED]								
[REDACTED]								
OT-09-293-0306 Floor Tile 260906540-0063	Bldg. 162	Brown Non-Fibrous  Homogeneous	22.1	32.2	1.5	Chrysotile	44.3	Non-fibrous (other)
OT-09-293-0306 Mastic 260906540-0064	Bldg. 162	Black Non-Fibrous  Homogeneous	55.5	9.0	6.6	Chrysotile	28.9	Non-fibrous (other)
OT-09-293-0308 260906540-0065	Bldg. 162	Black Non-Fibrous  Homogeneous	86.2	5.8	0.4	Chrysotile	7.6	Non-fibrous (other)
OT-09-293-0319 260906540-0066	Bldg. 162	Yellow/Black Non-Fibrous  Homogeneous	55.0	0.0	0.3	Chrysotile	44.6	Non-fibrous (other)

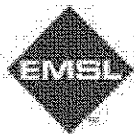
Analyst(s)

Jonathan Tallert (4)

  
Andrei Poluchowicz,  
or other approved signatory

Disclaimers: Some samples may contain asbestos fibers present in dimensions below PLM resolution limits. The limit of detection as stated in the method is 0.25%. EMSL Analytical Inc. suggests that samples reported as <0.25% or none detected undergo additional analysis via TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical Inc. This report must not be used to claim product endorsement by NVLAP or any agency of the United States Government. EMSL Analytical Inc. bears no responsibility for sample collection activities, analytical method limitations, or the accuracy of results when requested to separate layer samples. EMSL Analytical Inc. liability is limited to the cost of sample analysis. The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Chicago 2444 W. George Street, Chicago IL

**EMSL Analytical, Inc.**

2444 W. George Street, Chicago, IL 60618

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

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**P.O. Box 17867**  
**Shreveport, LA 71138-0867**

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


Customer ID: ALT50  
Customer PO:  
Received: 12/07/09 3:30 PM  
EMSL Order: 260906540  
EMSL Proj: Waco/Temple VA  
Analysis Date: 12/11/2009

**Test Report: Polarized Light Microscopy (PLM) - Point Count Performed by EPA 600/R-93/116 Method with Gravimetric Reduction and 400 Point Count**

SAMPLE ID	DESCRIPTION	APPEARANCE	(%) Matrix Organic Acid	ASBESTOS % TYPES	NON- ASBESTOS % Fibrous	NON- ASBESTOS % NON-FIBROUS
OT-09-293-0320 Mastic 260906540-0067	Bldg. 162			Insufficient Material		
Insufficient Material						
OT-09-293-0322 Mastic 260906540-0068	Bldg. 162			Insufficient Material		
Insufficient Material						

Analyst(s)

Jonathan Tallert (4)

  
\_\_\_\_\_  
Andrei Poluchowicz,  
or other approved signatory

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**EMSL Analytical, Inc.**

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

Customer ID: ALT50  
Customer PO:  
Received: 12/07/09 3:30 PM  
EMSL Order: 260906596

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

EMSL Proj: Waco/Temple VA  
Analysis Date: 12/10/2009

**Test Report: Polarized Light Microscopy (PLM) - Point Count Performed by EPA 600/R-93/116 Method with Gravimetric Reduction and 400 Point Count**

SAMPLE ID	DESCRIPTION	APPEARANCE	(% Matrix Organic Acid		ASBESTOS % TYPES		NON- ASBESTOS % Fibrous	NON- ASBESTOS % NON-FIBROUS
OT-09-293-0392 260906596-0059	Bldg. 162	Black Non-Fibrous  Homogeneous	43.6	13.3	<0.25	Chrysotile		42.9 Non-fibrous (other)
OT-09-293-0393 Mastic 260906596-0060	Bldg. 162	Black Non-Fibrous  Homogeneous	60.3	12.9	1.9	Chrysotile		24.9 Non-fibrous (other)
OT-09-293-0395 Mastic 260906596-0061	Bldg. 162	Black Non-Fibrous  Homogeneous	53.4	28.2	0.6	Chrysotile		17.8 Non-fibrous (other)
OT-09-293-0404 Floor Tile 260906596-0062	Bldg. 162	Brown Non-Fibrous  Homogeneous	21.9	39.9	0.7	Chrysotile		37.5 Non-fibrous (other)
OT-09-293-0404 Mastic 260906596-0063	Bldg. 162	Black Non-Fibrous  Homogeneous	63.1	10.2	1.7	Chrysotile		25.0 Non-fibrous (other)

Analyst(s)

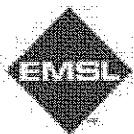
Alice Hillegass (5)

Andrei Poluchowicz,  
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Chicago 2444 W. George Street, Chicago IL



**EMSL Analytical, Inc.**

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**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 VAMC Reinspection**

Customer ID: ALT50  
Customer PO:  
Received: 12/07/09 3:30 PM  
EMSL Order: 260906673  
EMSL Proj: Waco/Temple VA  
Analysis Date: 12/10/2009

**Test Report: Polarized Light Microscopy (PLM) - Point Count Performed by EPA 600/R-93/116 Method with Gravimetric Reduction and 400 Point Count**

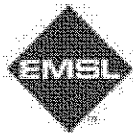
SAMPLE ID	DESCRIPTION	APPEARANCE	(% Matrix Organic Acid		ASBESTOS % TYPES		NON- ASBESTOS % Fibrous	NON- ASBESTOS % NON-FIBROUS
OT-09-293-0409 Floor Tile 260906673-0070	Bldg. 162	Brown Non-Fibrous  Homogeneous	23.4	42.4	0.3	Chrysotile		34.0 Non-fibrous (other)
OT-09-293-0409 Mastic 260906673-0071	Bldg. 162	Insufficient Material						
Insufficient Material								
OT-09-293-0418 Floor Tile 260906673-0072	Bldg. 162	Brown Non-Fibrous  Homogeneous	22.5	33.2	1.7	Chrysotile		42.6 Non-fibrous (other)
OT-09-293-0418 Mastic 260906673-0073	Bldg. 162	Insufficient Material						
Insufficient Material								
OT-09-293-0419 Floor Tile 260906673-0074	Bldg. 162	Brown Non-Fibrous  Homogeneous	23.4	50.4	0.6	Chrysotile		25.7 Non-fibrous (other)
OT-09-293-0419 Mastic 260906673-0075	Bldg. 162	Insufficient Material						
Insufficient Material								

Analyst(s)

Jonathan Tallert (7)

Andrei Poluchowicz,  
or other approved signatory

Disclaimers: Some samples may contain asbestos fibers present in dimensions below PLM resolution limits. The limit of detection as stated in the method is 0.25%. EMSL Analytical Inc. suggests that samples reported as <0.25% or none detected undergo additional analysis via TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical Inc. This report must not be used to claim product endorsement by NVLAP or any agency of the United States Government. EMSL Analytical Inc. bears no responsibility for sample collection activities, analytical method limitations, or the accuracy of results when requested to separate layer samples. EMSL Analytical Inc. liability is limited to the cost of sample analysis. The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted.  
Samples analyzed by EMSL Analytical, Inc. Chicago 2444 W. George Street, Chicago IL



EMSL Analytical, Inc.

2444 W. George Street, Chicago, IL 60618

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Fax: (773) 313-0139

Email: [chicagolab@emsl.com](mailto: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: 12/07/09 3:30 PM  
EMSL Order: 260906673

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

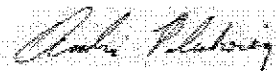
EMSL Proj: Waco/Temple VA  
Analysis Date: 12/10/2009

**Test Report: Polarized Light Microscopy (PLM) - Point Count Performed by EPA 600/R-93/116 Method with Gravimetric Reduction and 400 Point Count**

SAMPLE ID	DESCRIPTION	APPEARANCE	(% Matrix Organic Acid		ASBESTOS % TYPES		NON- ASBESTOS % Fibrous	NON- ASBESTOS % NON-FIBROUS
OT-09-293-0433 Floor Tile 260906673-0076	Bldg. 162	Brown Non-Fibrous  Homogeneous	23.9	33.2	4.9	Chrysotile		37.9 Non-fibrous (other)
OT-09-293-0433 Mastic 260906673-0077	Bldg. 162					Insufficient Material		
Insufficient Material								
OT-09-293-0436 Mastic 260906673-0078	Bldg. 162					Insufficient Material		
Insufficient Material								
[REDACTED]								
[REDACTED]								
[REDACTED]								
[REDACTED]								
[REDACTED]								
[REDACTED]								
[REDACTED]								

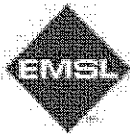
Analyst(s)

Jonathan Talker (7)

  
Andrei Poluchowicz,  
or other approved signatory

Disclaimers: Some samples may contain asbestos fibers present in dimensions below PLM resolution limits. The limit of detection as stated in the method is 0.25%. EMSL Analytical Inc. suggests that samples reported as <0.25% or none detected undergo additional analysis via TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical Inc. This report must not be used to claim product endorsement by NVLAP or any agency of the United States Government. EMSL Analytical Inc. bears no responsibility for sample collection activities, analytical method limitations, or the accuracy of results when requested to separate layer samples. EMSL Analytical Inc. liability is limited to the cost of sample analysis. The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Chicago 2444 W. George Street, Chicago IL

**EMSL Analytical, Inc.**

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**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 VAMC Reinspection**

Customer ID: ALT50  
Customer PO:  
Received: 12/07/09 3:30 PM  
EMSL Order: 260906673  
EMSL Proj: Waco/Temple VA  
Analysis Date: 12/22/2009

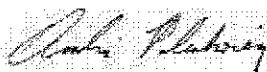
**Test Report: Polarized Light Microscopy (PLM) - Point Count Performed by EPA 600/R-93/116 Method with Gravimetric Reduction and 400 Point Count**

SAMPLE ID	DESCRIPTION	APPEARANCE	(% Matrix Organic Acid		ASBESTOS % TYPES		NON- ASBESTOS % Fibrous	NON- ASBESTOS % NON-FIBROUS
OT-09-293-0409 Floor Tile 260906673-0070	Bldg. 162	Brown Non-Fibrous  Homogeneous	23.4	42.4	0.3	Chrysotile		34.0 Non-fibrous (other)
OT-09-293-0409 Mastic 260906673-0071	Bldg. 162	Black Non-Fibrous  Homogeneous	59.7	16.1	2.1	Chrysotile		22.0 Non-fibrous (other)
OT-09-293-0418 Floor Tile 260906673-0072	Bldg. 162	Brown Non-Fibrous  Homogeneous	22.5	33.2	1.7	Chrysotile		42.6 Non-fibrous (other)
OT-09-293-0418 Mastic 260906673-0073	Bldg. 162	Black Non-Fibrous  Homogeneous	64.0	21.8	1.6	Chrysotile		12.5 Non-fibrous (other)
OT-09-293-0419 Floor Tile 260906673-0074	Bldg. 162	Brown Non-Fibrous  Homogeneous	23.4	50.4	0.6	Chrysotile		25.7 Non-fibrous (other)
OT-09-293-0419 Mastic 260906673-0075	Bldg. 162	Black Non-Fibrous  Homogeneous	62.0	9.9	0.6	Chrysotile		27.5 Non-fibrous (other)
OT-09-293-0433 Floor Tile 260906673-0076	Bldg. 162	Brown Non-Fibrous  Homogeneous	23.9	33.2	4.9	Chrysotile		37.9 Non-fibrous (other)

Report Amended: 12/23/2009 7:35:09 AM Replaces the Initial Report . Reason Code: Data Entry-Results Changed

**Analyst(s)**

Jonathan Talkert (13)

  
Andrei Poluchowicz,  
or other approved signatory

Disclaimers: Some samples may contain asbestos fibers present in dimensions below PLM resolution limits. The limit of detection as stated in the method is 0.25%. EMSL Analytical Inc. suggests that samples reported as <0.25% or none detected undergo additional analysis via TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical Inc.. This report must not be used to claim product endorsement by NVLAP or any agency of the United States Government. EMSL Analytical Inc. bears no responsibility for sample collection activities, analytical method limitations, or the accuracy of results when requested to separate layer samples. EMSL Analytical Inc. liability is limited to the cost of sample analysis. The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted.

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**EMSL Analytical, Inc.**

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Email: [chicagolab@emsl.com](mailto: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: 12/07/09 3:30 PM  
EMSL Order: 260906673

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

EMSL Proj: Waco/Temple VA  
Analysis Date: 12/22/2009

**Test Report: Polarized Light Microscopy (PLM) - Point Count Performed by EPA 600/R-93/116 Method with Gravimetric Reduction and 400 Point Count**


SAMPLE ID	DESCRIPTION	APPEARANCE	(% Matrix Organic Acid		ASBESTOS % TYPES		NON- ASBESTOS % Fibrous	NON- ASBESTOS % NON-FIBROUS
OT-09-293-0433 Mastic 260906673-0077	Bldg. 162	Black Non-Fibrous  Homogeneous	63.2	19.8	2.8	Chrysotile		14.1 Non-fibrous (other)
OT-09-293-0436 Mastic 260906673-0078	Bldg. 162	Black Non-Fibrous  Homogeneous	64.3	26.3	0.7	Chrysotile		8.7 Non-fibrous (other)
[REDACTED]								
[REDACTED]								
[REDACTED]								
[REDACTED]								
[REDACTED]								
[REDACTED]								

12/23/09; Insufficient samples were resampled, analyzed at client request.

Report Amended: 12/23/2009 7:35:09 AM Replaces the Initial Report . Reason Code: Data Entry-Results Changed

Analyst(s)

Jonathan Talbert (13)

  
Andrei Poluchowicz,  
or other approved signatory

Disclaimers: Some samples may contain asbestos fibers present in dimensions below PLM resolution limits. The limit of detection as stated in the method is 0.25%. EMSL Analytical Inc. suggests that samples reported as <0.25% or none detected undergo additional analysis via TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical Inc. This report must not be used to claim product endorsement by NVLAP or any agency of the United States Government. EMSL Analytical Inc. bears no responsibility for sample collection activities, analytical method limitations, or the accuracy of results when requested to separate layer samples. EMSL Analytical Inc. liability is limited to the cost of sample analysis. The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted.

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**EMSL Analytical, Inc.**

2444 W. George Street, Chicago, IL 60618

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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 VAMC Reinspection**


Customer ID: ALT50  
Customer PO:  
Received: 12/07/09 3:30 PM  
EMSL Order: 260906667  
EMSL Proj: Waco/Temple VA  
Analysis Date: 12/10/2009

**Test Report: Polarized Light Microscopy (PLM) - Point Count Performed by EPA 600/R-93/116 Method with Gravimetric Reduction and 400 Point Count**

SAMPLE ID	DESCRIPTION	APPEARANCE	(% Matrix Organic Acid		ASBESTOS % TYPES		NON- ASBESTOS % Fibrous	NON- ASBESTOS % NON-FIBROUS
OT-09-293-0442 Floor Tile 260906667-0099	Bldg. 162	White Non-Fibrous  Homogeneous	24.3	61.3	<0.25	Chrysotile		14.2 Non-fibrous (other)
OT-09-293-0442 Mastic 260906667-0100	Bldg. 162	Black Non-Fibrous  Homogeneous	79.0	11.1	1.8	Chrysotile		8.2 Non-fibrous (other)
OT-09-293-0449 Floor Tile 260906667-0101	Bldg. 162	Brown Non-Fibrous  Homogeneous	22.2	62.4	2.7	Chrysotile		12.7 Non-fibrous (other)
OT-09-293-0449 Mastic 260906667-0102	Bldg. 162	Insufficient Material						
Insufficient Material								
OT-09-293-0450 Floor Tile 260906667-0103	Bldg. 162	Brown Non-Fibrous  Homogeneous	22.3	60.6	1.8	Chrysotile		15.3 Non-fibrous (other)
OT-09-293-0450 Mastic 260906667-0104	Bldg. 162	Black Non-Fibrous  Homogeneous	68.2	15.8	1.0	Chrysotile		15.0 Non-fibrous (other)
OT-09-293-0457 Floor Tile 260906667-0105	Bldg. 162	Brown Non-Fibrous  Homogeneous	21.7	66.0	<0.25	Chrysotile		12.1 Non-fibrous (other)

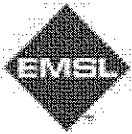
**Analyst(s)**

Jonathan Talkert (11)

  
Andrei Poluchowicz,  
or other approved signatory

Disclaimers: Some samples may contain asbestos fibers present in dimensions below PLM resolution limits. The limit of detection as stated in the method is 0.25%. EMSL Analytical Inc. suggests that samples reported as <0.25% or none detected undergo additional analysis via TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical Inc. This report must not be used to claim product endorsement by NVLAP or any agency of the United States Government. EMSL Analytical Inc. bears no responsibility for sample collection activities, analytical method limitations, or the accuracy of results when requested to separate layer samples. EMSL Analytical Inc. liability is limited to the cost of sample analysis. The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Chicago 2444 W. George Street, Chicago IL

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


Customer ID: ALT50  
Customer PO:  
Received: 12/07/09 3:30 PM  
EMSL Order: 260906667  
EMSL Proj: Waco/Temple VA  
Analysis Date: 12/10/2009

**Test Report: Polarized Light Microscopy (PLM) - Point Count Performed by EPA 600/R-93/116 Method with Gravimetric Reduction and 400 Point Count**

SAMPLE ID	DESCRIPTION	APPEARANCE	(%) Matrix Organic Acid	ASBESTOS % TYPES	NON- ASBESTOS % Fibrous	NON- ASBESTOS % NON-FIBROUS
OT-09-293- 0457 Mastic 260906667-0106	Bldg. 162			Insufficient Material		
Insufficient Material						
[REDACTED]						
[REDACTED]						
[REDACTED]						
[REDACTED]						
[REDACTED]						
[REDACTED]						

Analyst(s)

Jonathan Tallert (11)

  
\_\_\_\_\_  
Andrei Poluchowicz,  
or other approved signatory

Disclaimers: Some samples may contain asbestos fibers present in dimensions below PLM resolution limits. The limit of detection as stated in the method is 0.25%. EMSL Analytical Inc. suggests that samples reported as <0.25% or none detected undergo additional analysis via TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical Inc.. This report must not be used to claim product endorsement by NVLAP or any agency of the United States Government. EMSL Analytical Inc. bears no responsibility for sample collection activities, analytical method limitations, or the accuracy of results when requested to separate layer samples. EMSL Analytical Inc. liability is limited to the cost of sample analysis. The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Chicago 2444 W. George Street, Chicago IL

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

Customer ID: ALT50  
Customer PO:  
Received: 12/07/09 3:30 PM  
EMSL Order: 260906667  
  
EMSL Proj: Waco/Temple VA  
Analysis Date: 12/14/2009

**Test Report: Asbestos Analysis of Bulk Material via EPA 600/R-93/116. Quantitation using 400 Point Count Procedure.**

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
OT-09-293-0451 260906667-0112	Bldg. 162	White Non-Fibrous Heterogeneous		99.25% Non-fibrous (other)	0.50% Amosite 0.25% Chrysotile
OT-09-293-0455 Wrap 260906667-0113	Bldg. 162	White Non-Fibrous  Heterogeneous		98.00% Non-fibrous (other)	2.00% Chrysotile
[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED] S		[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]		[REDACTED]	[REDACTED]

Analyst(s)

Alice Hillegass (6)

*[Handwritten signature]*

Andrei Poluchowicz,  
or other approved signatory

Disclaimer: Some samples may contain asbestos fibers present in dimensions below PLM resolution limits. The limit of detection as stated in the method is 0.25%. EMSL Analytical Inc suggests that samples reported as <0.25% or none detected undergo additional analysis via TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval of EMSL Analytical Inc. This test report must not be used by the client to claim product endorsement by NVLAP or any agency of the United States Government. EMSL Analytical Inc., bears no responsibility for sample collection activities, analytical method limitations, or the accuracy of results when requested to separate layered samples. EMSL Analytical Inc., liability is limited to the cost of sample analysis. The test results contained within this report meet the requirements of NELAP unless otherwise noted. Samples received in good condition unless otherwise noted.

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