



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 858-4800 Fax: (856) 786-5974 Email: westmontasbiab@EMSL.com

Attn: **Bob Kirchherr**
O'Reilly, Talbot & Okun Associates, Inc.
293 Bridge Street
Suite 500
Springfield, MA 01103

Customer ID: ENVI07
Customer PO:
Received: 10/01/10 10:00 AM
EMSL Order: 041022642

Fax: (413) 788-8830 Phone: (413) 788-6222
Project: **2118-01-02/GRACE, EASTHAMPTON**

EMSL Proj:
Analysis Date: 10/3/2010

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
LLSS-01 041022642-0001	LATERIAL LIMITS SOIL SAMPLE	Brown Non-Fibrous Heterogeneous	3% Cellulose	97% Non-fibrous (other)	<1% Tremolite/ Actinolite
LLSS-02 041022642-0002	LATERIAL LIMITS SOIL SAMPLE	Brown Non-Fibrous Heterogeneous	3% Cellulose	97% Non-fibrous (other)	<1% Tremolite/ Actinolite

This method is designed for relatively homogenous bulk building materials. EMSL recommends further, more comprehensive testing

Initial report from 10/04/2010 09:42:42

Analyst(s)

Jerry Cherian (2)

Stephen Siegel, CIH, Laboratory Manager
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. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. 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. 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. 200 Route 130 North, Cinnaminson NJ



www.emsl.com

EMSL - MA
7 Constitution Way, Ste 107
Woburn, MA 01801
(781) 933-8411
(781) 933-8412 Fax

EMSL - CT
4 Fairfield Blvd.
Wallingford, CT 06492
(203) 284-5948
(203) 284-5978 Fax

EMSL - NY
307 West 38th Street
New York, NY 10018
(866) 448-3675
(212) 290-0058 Fax

EMSL - NJ
107 Haddon Avenue
Westmont, NJ 08108
(800) 220-3675
(856) 858-4960 Fax

Your Name:

Company:

Street:

City/State/Zip:

Phone:

Project Name

Project Location:

Project Manager:

Bob Kirchherr

Chris Streeter

D'Reilly Talbot & Okun Assoc.

293 Bridge St. Suite 500

Springfield MA 01103

413-788-6222 Fax: 413-788-8330 Email: Kirchherr@OTO-ENV.COM

Grace

Easthampton

Project #:

2118-01-02

Project State (US): MA

TURNAROUND TIME

☐ 3 Hours ☐ 6 Hours ☐ 12 Hours ☒ 24 Hours ☐ 48 Hours ☐ 72 Hours ☐ 4 Days ☐ 5 Days ☐ 6-10 Days

SAMPLE MATRIX

☐ Air ☐ Bulk ☒ Soil ☐ Wipe ☐ Micro-Vac ☐ Drinking Water ☐ Wastewater ☐ Chips ☐ Other

ASBESTOS ANALYSIS

PCM - Air

☐ NIOSH 7400 (A) Issue 2: August 1994
☐ OSHA w/TWA

TEM AIR

☐ AHERA 40 CFR, Part 763 Subpart E
☐ NIOSH 7402 Issue 2

☐ EPA Level II

PLM - Bulk

☒ EPA 600/R-93/116 *qual*
☐ NY Stratified Point Count
☐ California Air Resource Board (CARB) 435
☐ NIOSH 9002

☐ PLMNOB (Gravimetric) NYS 198.1☐ EPA Point Count (400 Points)☐ EPA Point Count (1,000 Points)☐ Standard Addition Point Count

SOILS

☐ EPA Protocol Qualitative
☐ EPA Protocol Quantitative
☐ EMSL MSD 9000 Method fibers/gram
☐ Superfund EPA 540-R097-028 (dust generation)

TEM BULK

☐ Drop Mount (Qualitative)
☐ Chatfield SOP-1988-02
☐ TEMNOB (Gravimetric) NY 198.4

TEM MICROVAC

☐ ASTM D 5755-95 (Quantitative)

TEM WIPE

☐ ASTM D-6480-99☐ Qualitative

TEM WATER

☐ EPA 100.1☐ EPA 100.2☐ NYS 198.2☐ Other:

LEAD ANALYSIS

Flame Atomic Absorption

☐ Wipe, SW846-7420 ☐ ASTM ☐ non ASTM
☐ Soil, SW846-7420
☐ Air, NIOSH 7082
☐ Chips, SW846-7420 or AOAC 5.009 (974.02)
☐ Wastewater, SW 846-7420
☐ TCLP LEAD SW846-1311/7420

Graphite Furnace Atomic Absorption

☐ Air, NIOSH 7105
☐ Wastewater, SW846-7421
☐ Soil, SW846-7421
☐ Drinking Water, EPA 239.2

ICP - Inductively Coupled Plasma

☐ Wipe, SW846-6010 ☐ ASTM ☐ non ASTM
☐ Soil, SW846-6010
☐ Air, NIOSH 7300

MATERIALS ANALYSIS

☐ Full Particle Identification
☐ Optical Particle Identification
☐ Dust Mites and Insect Fragments
☐ Particle Size & Distribution
☐ Product Comparison
☐ Paint Characterization
☐ Failure Analysis
☐ Corrosion Analysis
☐ Glove Box Containment Study
☐ Petrographic Examination of Concrete
☐ Portland Cement in Workplace Atmospheres (OSHA ID-143)
☐ Man Made Vitreous Fibers - MMVF's
☐ Synthetic Fiber Identification
☐ Other:

MICROBIAL ANALYSIS

Air Samples

☐ Mold & Fungi by Air O Cell
☐ Mold & Fungi by Agar Plate count & id
☐ Bacterial Count and Gram Stain
☐ Bacterial Count and Identification

Water Samples

☐ Total Coliforms, Fecal Coliforms
☐ Escherichia Coll, Fecal Streptococcus
☐ Legionella
☐ Salmonella
☐ Giardia and Cryptosporidium

Wipe and Bulk Samples

☐ Mold & Fungi - Direct Examination
☐ Mold & Fungi - (Culture follow up to direct examination if necessary)
☐ Mold & Fungi - Culture (Count & ID)
☐ Mold & Fungi - Culture (Count only)
☐ Bacterial Count & Gram Stain
☐ Bacterial Count & Identification (3 most prominent types)
☐ Other:

IAQ ANALYSIS

☐ Nuisance Dust (NIOSH 0500 & 0600)
☐ Airborne Dust (PM10, TSP)
☐ Silica Analysis by XRD ☐ NIOSH 7500
☐ HVAC Efficiency
☐ Carbon Black
☐ Airborne Oil Mist
☐ Other:

Additional Information/Comments/Instructions:

Any Questions Call Bob Kirchherr

at 413-531-1122

Client Sample # (S)

LH55-01

LH55-11

TOTAL SAMPLE #

11

Relinquished:

Chris A. Streeter

Date:

9/29/10

Time:

17:00

Received:

Date:

Time:

Relinquished:

Date:

Time:

Received:

DMB-UPS-10A

Date:

10-1-10

Time:

EMSL - NJ
107 Haddon Avenue
Westmont, NJ 08108
(800) 220-3675
(856) 858-4960 Fax

EXAMPLES ACCEPTED
FOR ANALYSIS BY
EASTMAN KODAK INC.

Time:

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 856-4600 Fax: (856) 788-5974 Email: westmontlab@EMSL.com

Attn: **Bob Kirchherr**
O'Reilly, Talbot & Okun Associates, Inc.
293 Bridge Street
Suite 500
Springfield, MA 01103

Customer ID: ENV107
Customer PO:
Received: 10/01/10 10:00 AM
EMSL Order: 041022642

Fax: (413) 788-8830 Phone: (413) 788-6222

Project: 2118-01-02/GRACE, EASTHAMPTON

EMSL Proj:
Analysis Date: 10/3/2010

Test Report: Qualitative asbestos analysis of soils using the EPA 600/R-93/116 method

Sample	Description	Appearance	Result	Notes
LLSS-03 041022642-0003	LATERIAL LIMITS SOIL SAMPLE		None Detected	
LLSS-04 041022642-0004	LATERIAL LIMITS SOIL SAMPLE		None Detected	
LLSS-05 041022642-0005	LATERIAL LIMITS SOIL SAMPLE		None Detected	
LLSS-06 041022642-0006	LATERIAL LIMITS SOIL SAMPLE		None Detected	
LLSS-07 041022642-0007	LATERIAL LIMITS SOIL SAMPLE		None Detected	
LLSS-08 041022642-0008	LATERIAL LIMITS SOIL SAMPLE		None Detected	
LLSS-09 041022642-0009	LATERIAL LIMITS SOIL SAMPLE		None Detected	
LLSS-10 041022642-0010	LATERIAL LIMITS SOIL SAMPLE		None Detected	

Initial report from 10/04/2010 09:42:42

Analyst(s)

Jerry Cherian (9)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

EMSL recommends that soil samples reported as "ND" be tested by the EPA Screening Method/Qualitative. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. 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 Proj:
Analysis Date: 10/3/2010

Test Report: Qualitative asbestos analysis of soils using the EPA 600/R-93/116 method

Sample	Description	Appearance	Result	Notes
LLSS-11 041022642-0011	LATERAL LIMITS SOIL SAMPLE		None Detected	

This is a qualitative soil analysis method. Due to the heterogeneity of the samples there is a significant chance for quantification errors and/or false negatives with this method.

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Jerry Cherian (9)

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041022642



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Your Name:

Company:

Street:

City/State/Zip:

Phone:

Project Name:

Project Location:

Project Manager:

Project #:

Project State (US):

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☐ AHERA 40 CFR, Part 763 Subpart E
☐ NIOSH 7402 Issue 2

EPA Level II

☐ EPA 600/R-93/116

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☐ NIOSH 9002

☐ PLMNOB (Gravimetric) NYS 198.1

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☐ ASTM D 5755-95 (Quantitative)

TEM WIPE

☐ ASTM D-6480-99

☐ Qualitative

TEM WATER

☐ EPA 100.1

☐ EPA 100.2

☐ NYS 198.2

☐ Other:

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☐ Air, NIOSH 7105
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☐ Wipe, SW846-6010 ☐ ASTM ☐ non ASTM
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☐ HVAC Efficiency
☐ Carbon Black
☐ Airborne Oil Mist
☐ Other:

Additional Information/Comments/Instructions:

at 413-531-1122

Any Questions Call Bob Kirchherr

Client Sample # (S)

LHSS-01

LHSS-11

TOTAL SAMPLE #

11

Relinquished:

Chris A. Stutter

Date:

9/29/10

Time:

17:00

Received:

Date:

Time:

Relinquished:

Date:

Time:

Received:

DMB-CPS-10A

Date:

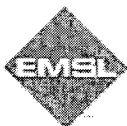
10-1-10

Time:

EMSL - NJ
107 Haddon Avenue
Westmont, NJ 08108
(800) 220-3675
(856) 858-4960 Fax

COPIES ACCEPTED
FOR ANALYSIS BY

17:00



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 858-4800 Fax: (856) 736-5974 Email: wasmontasblab@EMSL.com

Attn: **Bob Kirchherr**
O'Reilly, Talbot & Okun Associates, Inc.
293 Bridge Street
Suite 500
Springfield, MA 01103

Customer ID: ENVI07
Customer PO:
Received: 10/08/10 10:10 AM
EMSL Order: 041023166

Fax: (413) 788-8830 Phone: (413) 788-6222
Project: **2118-01-02/GRACE**

EMSL Proj:
Analysis Date: 10/10/2010

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
LLSS-24 041023166-0001	LATERAL LIMIT SOIL SAMPLE	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	<1% Tremolite
LLSS-25 041023166-0002	LATERAL LIMIT SOIL SAMPLE	Black Non-Fibrous Heterogeneous	3% Cellulose	97% Non-fibrous (other)	None Detected
		suggest tem			
LLSS-26 041023166-0003	LATERAL LIMIT SOIL SAMPLE	Black Non-Fibrous Heterogeneous	3% Cellulose	97% Non-fibrous (other)	None Detected
		suggest tem			
LLSS-27 041023166-0004	LATERAL LIMIT SOIL SAMPLE	Black Non-Fibrous Heterogeneous	3% Cellulose	97% Non-fibrous (other)	None Detected
		suggest tem			
LLSS-28 041023166-0005	LATERAL LIMIT SOIL SAMPLE	Black Non-Fibrous Heterogeneous	3% Cellulose	97% Non-fibrous (other)	None Detected
		suggests tem			
LLSS-29 041023166-0006	LATERAL LIMIT SOIL SAMPLE	Black Non-Fibrous Heterogeneous	3% Cellulose	97% Non-fibrous (other)	None Detected
		suggests tem			

Initial report from 10/11/2010 09:16:29

Analyst(s)

Jerry Cherian (9)

Stephen Siegel, CIH, Laboratory Manager
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. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. 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. 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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200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 858-4800 Fax: (856) 786-5974 Email: westmontashlab@EMSL.com

Attn: **Bob Kirchherr**
O'Reilly, Talbot & Okun Associates, Inc.
293 Bridge Street
Suite 500
Springfield, MA 01103

Customer ID: ENVI07
Customer PO:
Received: 10/08/10 10:10 AM
EMSL Order: 041023166

Fax: (413) 788-8830 Phone: (413) 788-6222
Project: 2118-01-02/GRACE

EMSL Proj:
Analysis Date: 10/10/2010

Test Report: Asbestos Analysis of Soils 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
LLSS-30 041023166-0007	LATERAL LIMIT SOIL SAMPLE	Black Non-Fibrous Heterogeneous	3% Cellulose	97% Non-fibrous (other)	None Detected
suggest tem					
LLSS-31 041023166-0008	LATERAL LIMIT SOIL SAMPLE	Black Non-Fibrous Heterogeneous	3% Cellulose	97% Non-fibrous (other)	None Detected
suggest tem					
LLSS-32 041023166-0009	LATERAL LIMIT SOIL SAMPLE	Black Non-Fibrous Heterogeneous	3% Cellulose	97% Non-fibrous (other)	None Detected
suggest tem					

This method is designed for relatively homogenous bulk building material. EMSL recommends further, more comprehensive testing

Initial report from 10/11/2010 09:16:29

Analyst(s)

Jerry Cherian (9)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. 200 Route 130 North, Cinnaminson NJ



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

041023166

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

Company: <u>O'Reilly Talbot & Okun</u>		EMSL-Bill to: <input type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: <u>293 Bridge St Suite 500</u>		Third Party Billing requires written authorization from third party	
City: <u>Springfield</u>	State/Province: <u>MA</u>	Zip/Postal Code: <u>01103</u>	Country: <u>USA</u>
Report To (Name): <u>Bob Kirchherr</u>		Fax #: <u>413-788-8830</u>	Email Address: <u>Kirchherr@OTO-ENV.com</u>
Telephone #: <u>413-788-6222</u>		Project Name/Number: <u>Grace 2118-01-02</u>	
Please Provide Results: <input type="checkbox"/> Fax <input type="checkbox"/> Email <input type="checkbox"/> Purchase Order:		U.S. State Samples Taken: <u>MA</u>	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.			
PCM - Air <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <u>use</u> <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) Quant. <u>Anal.</u> <input type="checkbox"/> PLM EPA NOB (<1%) <u>4 ion</u> Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)		Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative)	
Other: <input type="checkbox"/>			
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: <u>Chris Streeter</u>		Samplers Signature: <u>Chris A. Streeter</u>	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
LHSS-24	Lateral Limit Soil Sample		10/7/10 13:00
LHSS-25			
LHSS-26			
LLSS-27			
LLSS-28			13:05
LLSS-29			
LLSS-30			
LLSS-31			
Client Sample # (s): <u>LLSS-29 - LLSS-32</u>		Total # of Samples: <u>9</u>	
Relinquished (Client): <u>Chris Streeter</u>		Date: <u>10/7/10</u> Time: <u>13:20</u>	
Received (Lab): <u>DMB-UPS-9307</u>		Date: <u>10-8-10</u> Time:	
Comments/Special Instructions: <u>Use Quantification of Call Bob K. 413-531-1122</u>			

Thanks



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

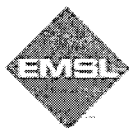
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EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

[illegible]



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 858-4800 Fax: (856) 786-5974 Email: westmontasbiab@EMSL.com

Attn: **Bob Kirchherr**
O'Reilly, Talbot & Okun Associates, Inc.
293 Bridge Street
Suite 500
Springfield, MA 01103

Customer ID: ENVI07
Customer PO:
Received: 10/11/10 9:50 AM
EMSL Order: 041023346

Fax: (413) 788-8830 Phone: (413) 788-6222

EMSL Proj:
Analysis Date: 10/12/2010

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
LLSS-11.5 041023346-0001	LATERIAL LIMIT SOIL SAMPLE	Brown Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
LLSS-12 041023346-0002	LATERIAL LIMIT SOIL SAMPLE	Brown Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
LLSS-15 041023346-0003	LATERIAL LIMIT SOIL SAMPLE	Brown Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected
LLSS-16 041023346-0004	LATERIAL LIMIT SOIL SAMPLE	Brown Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
LLSS-17 041023346-0005	LATERIAL LIMIT SOIL SAMPLE	Brown Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
LLSS-18 041023346-0006	LATERIAL LIMIT SOIL SAMPLE	Brown Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected
LLSS-19 041023346-0007	LATERIAL LIMIT SOIL SAMPLE	Brown Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected

Initial report from 10/13/2010 13:06:42

Analyst(s)

Melissa Klinedinst (9)

Stephen Siegel, CIH, Laboratory Manager
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. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. 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. 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. 200 Route 130 North, Cinnaminson NJ

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 858-4800 Fax: (856) 786-5974 Email: westmontashlab@EMSL.com

Attn: **Bob Kirchherr**
O'Reilly, Talbot & Okun Associates, Inc.
293 Bridge Street
Suite 500
Springfield, MA 01103

Customer ID: ENVI07
Customer PO:
Received: 10/11/10 9:50 AM
EMSL Order: 041023346

Fax: (413) 788-8830 Phone: (413) 788-6222

EMSL Proj:
Analysis Date: 10/12/2010

Test Report: Asbestos Analysis of Soils 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
LLSS-22 041023346-0008	LATERIAL LIMIT SOIL SAMPLE	Brown Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
LLSS-23 041023346-0009	LATERIAL LIMIT SOIL SAMPLE	Brown Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)	<1% Tremolite

This method is designed for relatively homogenous bulk building materials. Use of this method for other sample types can produce results that may not provide the analytical reliability for which the method was intended

Initial report from 10/13/2010 13:06:42

Analyst(s)

Melissa Klinedinst (9)

Stephen Siegel, CIH, Laboratory Manager
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. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. 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. 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. 200 Route 130 North, Cinnaminson NJ



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS - TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

041023346

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

Company: <u>O'Reilly Talbot & Okun</u>		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: <u>293 Bridge Street Suite 500</u>		Third Party Billing requires written authorization from third party	
City: <u>Springfield</u>	State/Province: <u>MA</u>	Zip/Postal Code: <u>01103</u>	Country: <u>USA</u>
Report To (Name): <u>Bob Kirchherr</u>		Fax #: <u>413-798-9830</u>	
Telephone #: <u>413-531-1122</u>		Email Address: <u>Kirchherr@OTO-ENV.com</u>	
Project Name/Number:			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email		Purchase Order: _____ U.S. State Samples Taken: <u>MA</u>	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.			
PCM - Air <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <i>Quantitative</i> <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other: <input type="checkbox"/>	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: <u>Chris Streeter</u>		Samplers Signature: <u>Chris Streeter</u>	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
LLSS-11.5	Latent Limit Soil Sample		10/8/10
LLSS-12			
LLSS-15			
LLSS-16			
LLSS-17			
LLSS-18			
LLSS-19			
LLSS-22			
Client Sample # (s):		Total # of Samples: <u>9</u>	
Relinquished (Client): <u>Chris Streeter</u>		Date: <u>10/8/10</u>	Time: <u>10:20</u>
Received (Lab): <u>OTUB-UP-950A</u>		Date: <u>10-11-10</u>	Time:
Comments/Special Instructions: <u>Analyze Quantitative - Any questions, please call Bob Kirchherr at 413-531-1122</u>			



EMSL ANALYTICAL, INC.
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Asbestos Chain of Custody
EMSL Order Number *(Lab Use Only):*

041023346

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

[illegible]

SAMPLES ACCEPTED
FOR ANALYSIS BY
ENGL ANALYTICAL

RECEIVED
OCT 11 AM 10:22

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 858-4800 Fax: (856) 786-5974 Email: westmontashiah@EMSL.com

Attn: **Bob Kirchherr**
O'Reilly, Talbot & Okun Associates, Inc.
293 Bridge Street
Suite 500
Springfield, MA 01103

Customer ID: ENVI07
Customer PO:
Received: 10/11/10 9:50 AM
EMSL Order: 041023345

Fax: (413) 788-8830 Phone: (413) 788-6222
Project: 2118-01-02/GRAVE

EMSL Proj:
Analysis Date: 10/13/2010

Test Report: Asbestos Analysis of Soils 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
LLSS-38 041023345-0007		Brown Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected
LLSS-39 041023345-0008		Brown Fibrous Homogeneous	3% Cellulose	97% Non-fibrous (other)	None Detected
LLSS-40 041023345-0009		Brown Fibrous Homogeneous	3% Cellulose	97% Non-fibrous (other)	None Detected
LLSS-41 041023345-0010		Brown Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
LLSS-42 041023345-0011		Brown Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected
LLSS-43 041023345-0012		Brown Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (other)	None Detected

This method is designed for relatively homogenous bulk building materials. Use of this method for other sample types can produce results that may not provide the analytical reliability for which the method was intended

Initial report from 10/13/2010 12:08:02

Analyst(s)

Dave Poitras (1)

Melissa Klinedinst (5)

Stephen Siegel, CIH, Laboratory Manager
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. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. 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. 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. 200 Route 130 North, Cinnaminson NJ



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

041023345

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

Company: <u>O'Reilly Talbot & O'Connell</u>		EMSL-Bill to: <input type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: <u>297 Bridge St. Suite 500</u>		Third Party Billing requires written authorization from third party	
City: <u>Providence</u>	State/Province: <u>MA</u>	Zip/Postal Code: <u>01103</u>	Country: <u>USA</u>
Report To (Name): <u>Bob Kiechherr</u>		Fax #: <u>413-786-5630</u>	
Telephone #: <u>413-799-6222</u>		Email Address: <u>Kiechherr@TO-ENV.com</u>	
Project Name/Number: <u>Grove 218-VI-02</u>			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Purchase Order:		U.S. State Samples Taken: <u>MA</u>	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
*For TEM Air 3 hr through 6 hr, please call ahead to schedule. There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.			
PCM - Air <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) Quantitative <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)		Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative)	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Other: <input type="checkbox"/>	
Samplers Name: <u>Chris Streetter</u>		Samplers Signature: <u>Chris A. Streetter</u>	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
LLSS-38	Latent Limit Soil Sample		10/7/10 14:30
LLSS-39			
LLSS-40			
LLSS-41			
LLSS-42			
LLSS-43			10/7/10 14:45
Client Sample # (s): <u>LLSS-38 - LLSS-43</u>		Total # of Samples:	<u>6</u>
Relinquished (Client): <u>Chris A. Streetter</u>		Date:	<u>10/7/10</u>
Received (Lab): <u>MMB-URS-950A</u>		Date:	<u>10-11-10</u>
Comments/Special Instructions: <u>Any question please call Bob Kiechherr at 413-531-1122.</u>		Time:	<u>14:55</u>

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 856-4800 Fax: (856) 786-5974 Email: westmontashlab@EMSL.com

Attn: **Bob Kirchherr**
O'Reilly, Talbot & Okun Associates, Inc.
293 Bridge Street
Suite 500
Springfield, MA 01103

Customer ID: ENVI07
Customer PO:
Received: 10/12/10 9:30 AM
EMSL Order: 041023471

Fax: (413) 788-8830 Phone: (413) 788-6222

Project: 2118-01-02/GRACE

EMSL Proj:
Analysis Date: 10/13/2010

Test Report: Asbestos Analysis of Soils 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
LLSS-33 041023471-0006		Brown Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
LLSS-34 041023471-0007		Brown Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
LLSS-35 041023471-0008		Brown Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (other)	<1% Tremolite/ Actinolite
LLSS-36 041023471-0009		Brown Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
LLSS-37 041023471-0010		Brown Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected

This method is designed for relatively homogenous bulk building materials. Use of this method for other sample types can produce results that may not provide the analytical reliability for which the method was intended

Report Amended: 10/14/2010 12:15:42 Replaces the Initial Report 10/13/2010 11:21:50. Reason Code: Client-Change to Sample ID

Analyst(s)

Dave Poitras (5)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. 200 Route 130 North, Cinnaminson NJ

EMSL

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

041023471

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

Company: <u>O'Reilly Tackett & Okun</u>		EMSL-Bill to: <input type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: <u>293 Bridge St Suite 500</u>		Third Party Billing requires written authorization from third party	
City: <u>Springfield</u>	State/Province: <u>MA</u>	Zip/Postal Code: <u>01103</u>	Country: <u>USA</u>
Report To (Name): <u>Bob Kirchherr</u>		Fax #:	
Telephone #: <u>413-531-1125</u>		Email Address: <u>Kirchherr@OTO-ENV.com</u>	
Project Name/Number: <u>Grace 2118-01-02</u>			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email Purchase Order: U.S. State Samples Taken: <u>MA</u>			
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.			
PCM - Air <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <i>Quantitative</i> <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
<input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)		Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative)	
Other: <input type="checkbox"/>			
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: <u>Christa Streever</u>		Samplers Signature: <u>Christa Streever</u>	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
		SAMPLES ACCEPTED FOR ANALYSIS BY EMSL ANALYTICAL, INC.	OCT 12 AM 10:07 CINN. N.J.
Client Sample # (s): <u>LHSS-32</u> - <u>LHSS-37</u>		Total # of Samples: <u>5</u>	
Relinquished (Client): <u>Christa Streever</u> Date: <u>10/10/10</u>		Time: <u>11:37</u>	
Received (Lab): <u>DMB-UPS-930A</u> Date: <u>10-12-10</u>		Time:	
Comments/Special Instructions: <u>Any Question please call Bob Kirchherr at 413-531-1122</u>			



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (800) 220-3675 Fax: (856) 786-5974 Email: washingtonslab@EMSL.com

Attn: **Bob Kirchherr**
O'Reilly, Talbot & Okun Associates, Inc.
293 Bridge Street
Suite 500
Springfield, MA 01103

Customer ID: ENVI07
Customer PO:
Received: 10/14/10 9:30 AM
EMSL Order: 041023687

Fax: (413) 788-8830 Phone: (413) 788-6222

EMSL Proj:
Analysis Date: 10/19/2010

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
LLSS-01-5'E 041023687-0001	- 01	Brown Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
Suggest TEM					
LLSS-01-10'E 041023687-0002	- 01				Not Analyzed
LLSS-01-5'S 041023687-0003	- 01	Brown Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
SUGGEST TEM					
LLSS-01-10'S 041023687-0004	- 01				Not Analyzed
LLSS-01-15'S 041023687-0005	- 01				Not Analyzed
LLSS-01-5N 041023687-0006	- 01	Brown Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
SUGGEST TEM					

Initial report from 10/15/2010 22:19:46

Analyst(s)

Nancy Stalter (6)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. 200 Route 130 North, Cinnaminson NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (800) 220-3675 Fax: (856) 736-5974 Email: westmontashlab@EMSL.com

Attn: **Bob Kirchherr**
O'Reilly, Talbot & Okun Associates, Inc.
293 Bridge Street
Suite 500
Springfield, MA 01103

Customer ID: ENVI07
Customer PO:
Received: 10/14/10 9:30 AM
EMSL Order: 041023687

Fax: (413) 788-8830 Phone: (413) 788-6222

EMSL Proj:
Analysis Date: 10/19/2010

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
LLSS-02-10'N 041023687-0007	- 01	Brown Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
SUGGEST TEM					
LLSS-02-20'N 041023687-0008	- 01				Not Submitted
LLSS-02-10'S 041023687-0009	- 02				Not Submitted
LLSS-02-20'S 041023687-0010	- 02	Brown Non-Fibrous Heterogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected
SUGGEST TEM					
LLSS-24-1'S 041023687-0011	- 24	Brown Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
SUGGEST TEM					

Initial report from 10/15/2010 22:19:46

Analyst(s)

Nancy Stalter (6)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to the cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval or endorsement by NVLAP, NIST or any agency of the federal government. The test results contained within this report meet the requirements of NELAC unless otherwise specified. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. 200 Route 130 North, Cinnaminson NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036

041023687

<p>Project Name: 041023687</p>	
<p>Client: 041023687</p>	<p>Address: 041023687</p>
<p>City: 041023687</p>	<p>State: 041023687</p>
<p>Zip: 041023687</p>	<p>Phone: 041023687</p>
<p>Project Description: 041023687</p>	
<p>Project Location: 041023687</p>	
<p>Project Status: 041023687</p>	
<p>Project Manager: 041023687</p>	
<p>Project Budget: 041023687</p>	
<p>Project Start Date: 041023687</p>	
<p>Project End Date: 041023687</p>	
<p>Project Notes: 041023687</p>	
<p>Project Comments: 041023687</p>	
<p>Project History: 041023687</p>	
<p>Project Details: 041023687</p>	
<p>Project Summary: 041023687</p>	
<p>Project Conclusion: 041023687</p>	
<p>Project Final Report: 041023687</p>	
<p>Project Appendix: 041023687</p>	
<p>Project Glossary: 041023687</p>	
<p>Project Index: 041023687</p>	
<p>Project Table of Contents: 041023687</p>	
<p>Project Bibliography: 041023687</p>	
<p>Project References: 041023687</p>	
<p>Project Acknowledgments: 041023687</p>	
<p>Project Credits: 041023687</p>	
<p>Project Disclaimer: 041023687</p>	
<p>Project Privacy Policy: 041023687</p>	
<p>Project Terms and Conditions: 041023687</p>	
<p>Project Contact Information: 041023687</p>	
<p>Project Footer: 041023687</p>	

10/12/10 10-14-10

Only if Above Particular

091023687

Date	Description	Quantity	Unit
	02 10' South	Analysis	
	02 20' South	Analysis	
	24 1' South	Analysis	

SAMPLE ACCEPTED
FOR ANALYSIS BY
EMSL ANALYTICAL INC



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (800) 220-3675 Fax: (856) 785-5974 Email: westmontaslab@EMSL.com

Attn: **Bob Kirchherr**
O'Reilly, Talbot & Okun Associates, Inc.
293 Bridge Street
Suite 500
Springfield, MA 01103

Customer ID: ENVI07
Customer PO:
Received: 10/20/10 10:30 AM
EMSL Order: 041024241

Fax: (413) 788-8830 Phone: (413) 788-6222
Project: 2118-01-02/W.R. GRACE

EMSL Proj:
Analysis Date: 10/22/2010

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
R.R. COMP 041024241-0001	RAILROAD TIE COMPOSITE	Brown Fibrous Heterogeneous	100% Cellulose	0% Non-fibrous (other)	None Detected
SUGGEST TEM					
AREA "D" NORTH COMP 041024241-0002	AREA "D" COMPOSITE NORTH	Brown Non-Fibrous Heterogeneous	3% Cellulose	97% Non-fibrous (other)	None Detected
SUGGEST TEM					
AREA "D" 041024241-0003	SOUTH COMPOSITE	Brown Non-Fibrous Heterogeneous	3% Cellulose	97% Non-fibrous (other)	None Detected
SUGGEST TEM					
LLSS-35-5' E 041024241-0004		Brown Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
SUGGEST TEM					
LLSS-35-5' W 041024241-0006		Brown Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
SUGGEST TEM					

Initial report from 10/22/2010 20:06:09

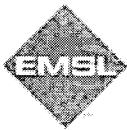
Analyst(s)

Nancy Stalter (9)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to the cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval or endorsement by NVLAP, NIST or any agency of the federal government. The test results contained within this report meet the requirements of NELAC unless otherwise specified. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. 200 Route 130 North, Cinnaminson NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (800) 226-3675 Fax: (856) 786-5974 Email: westmonteslab@EMSL.com

Attn: **Bob Kirchherr**
O'Reilly, Talbot & Okun Associates, Inc.
293 Bridge Street
Suite 500
Springfield, MA 01103

Customer ID: ENVI07
Customer PO:
Received: 10/20/10 10:30 AM
EMSL Order: 041024241

Fax: (413) 788-8830 Phone: (413) 788-6222
Project: 2118-01-02/W.R. GRACE

EMSL Proj:
Analysis Date: 10/22/2010

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
LLSS-35-5' N 041024241-0008		Brown Fibrous Heterogeneous	8% Cellulose	92% Non-fibrous (other)	None Detected
SUGGEST TEM					
LLSS-23-5 E 041024241-0010		Brown Fibrous Heterogeneous	3% Cellulose	97% Non-fibrous (other)	None Detected
SUGGEST TEM					
LLSS-23-5' S 041024241-0012		Brown Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
SUGGEST TEM					
LLSS-23-5' W 041024241-0014		Brown Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	<1% Tremolite
SUGGEST TEM					

Initial report from 10/22/2010 20:06:09

Analyst(s)

Nancy Stalter (9)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to the cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval or endorsement by NVLAP, NIST or any agency of the federal government. The test results contained within this report meet the requirements of NELAP unless otherwise specified. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. 200 Route 130 North, Cinnaminson NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

041024241

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

Company: <u>O'Reilly Talcot Tokun</u>		EMSL-Bill to: <input type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: <u>293 Bridge St. Suite 500</u>		Third Party Billing requires written authorization from third party	
City: <u>Springfield</u>	State/Province: <u>MA</u>	Zip/Postal Code: <u>01103</u>	Country: <u>USA</u>
Report To (Name): <u>Bob Kirchherr</u>		Fax #:	
Telephone #: <u>413-531-1122</u>		Email Address: <u>Kirchherr</u>	
Project Name/Number: <u>W.R. Grace 2118-01-02</u>			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Purchase Order:		U.S. State Samples Taken: <u>MA</u>	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.			
PCM - Air <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <i>Quantitative</i> <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other: <input type="checkbox"/>	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: <u>Chris Streeter</u>		Samplers Signature: <u>Chris A. Streeter</u>	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
<u>R.R. Comp</u>	<u>Rail Road Tie Composite</u>		<u>10/18/10 11:45</u>
<u>Area "D" North Comp</u>	<u>Area "D" Composite North</u>		<u>10/19/10 11:00</u>
<u>Area "D" South Composite</u>	<u>Area "D" Composite South</u>		<u>10/19/10 11:10</u>
<u>(See Comments) L455-35-5' E</u>	<u>L455-35-5' E</u>		<u>10/19/10 9:45</u>
	<u>L455-35-10' E</u>		
	<u>L455-35-5' W</u>		
	<u>L455-35-10' W</u>		
Client Sample # (s):		Total # of Samples:	
Relinquished (Client): <u>Chris A. Streeter</u> Date: <u>10/19/10</u>		Time: <u>12:00</u>	
Received (Lab): <u>DMB-UPS-10A</u> Date: <u>10-20-10</u>		Time:	
Comments/Special Instructions: <u>Analyze all 5' Samples and any 10' where 5' was positive - only</u>			



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody
EMSL Order Number *(Lab Use Only):*

041024Z41

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

[illegible]

041024241

Bayer, Danielle

From: Siegel, Stephen
Sent: Wednesday, October 13, 2010 1:19 PM
To: Corporate - Asbestos Login
Cc: Corporate - PLM; Nardozzi, Chris
Subject: ENVI07 O'Reilly, Talbot & Okun Associates, Inc.
Follow Up Flag: Follow up
Flag Status: Red
Attachments: 041023346_coc.pdf

Please note that for this client- WE ARE DOING PLM SOIL login as matrix bulk test PLM

For the final report we add the following report comment

This method is designed for relatively homogenous bulk building materials. Use of this method for other sample types can produce results that may not provide the analytical reliability for which the method was intended

Please also note that this exception is being made based on prior EPA contracts and test protocols. For any other clients/soils we do not normally do PLM QUANT but we do PLM CARB, TEM CARB, PLM ASTM Sieving Etc.

Steve

10/14/2010



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (800) 220-3675 Fax: (856) 786-5974 Email: westmontlab@EMSL.com

Attn: **Bob Kirchherr**
O'Reilly, Talbot & Okun Associates, Inc.
293 Bridge Street
Suite 500
Springfield, MA 01103

Fax: (413) 788-8830 Phone: (413) 788-6222
Project: **W.R. GRACE 2118-01-02**

Customer ID: ENVI07
Customer PO:
Received: 10/29/10 10:19 AM
EMSL Order: 041025038

EMSL Proj:
Analysis Date: 10/29/2010

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
LLSS-23-10"W 041025038-0004		brown/black Fibrous Heterogeneous	3% Cellulose	97% Non-fibrous (other)	None Detected
LLSS-02-3"-6" 041025038-0005		Various Fibrous Heterogeneous		93% Non-fibrous (other)	7% Tremolite
LLSS-01-3"-6" 041025038-0006		brown/black Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected

This method is designed for relatively homogenous bulk building materials. Use of this method for other sample types can produce results that may not provide the analytical reliability for which the method was intended.

Initial report from 11/01/2010 10:40:51

Analyst(s)

Naadira Carter (3)

Stephen Siegel, CIH, Laboratory Manager
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. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. 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. 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. 200 Route 130 North, Cinnaminson NJ



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

041025038

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

Company: <u>O'Reilly Talbot & O'Kun</u>		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: <u>293 Bridge St Suite 500</u>		Third Party Billing requires written authorization from third party	
City: <u>Springfield</u>	State/Province: <u>MA</u>	Zip/Postal Code: <u>01103</u>	Country: <u>USA</u>
Report To (Name): <u>Bob Kirchherr</u>		Fax #:	
Telephone #:		Email Address: <u>Kirchherr@OTO-ENV.com</u>	
Project Name/Number: <u>W.R. Grace 2118-01-02</u>			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email		Purchase Order: <u>MA</u>	
		U.S. State Samples Taken: <u>MA</u>	

Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour	<input checked="" type="checkbox"/> 6 Hour	<input type="checkbox"/> 24 Hour	<input type="checkbox"/> 48 Hour
<input type="checkbox"/> 72 Hour	<input type="checkbox"/> 96 Hour	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Week
*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.			
PCM - Air <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <u>Quantitative</u> <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative)	
		Other: <input type="checkbox"/>	

☐ Check For Positive Stop - Clearly Identify Homogenous Group

Samplers Name: <u>Chris Streeter</u>	Samplers Signature: <u>Chris Streeter</u>
--------------------------------------	---

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
LLSS-23-10W	Lateral Limit Soil Sample 23-10' West		10/25/10 13:00
LLSS-02 3"-6"	Lateral Limit Soil Sample 02 3"-6"		13:10
LLSS-01 3"-6"	Lateral Limit Soil Sample 01 3"-6"		13:15
			10 OCT 29 AM 10:19

Client Sample # (s):	Total # of Samples: <u>3</u>
Relinquished (Client): <u>Chris Streeter</u>	Date: <u>10/25/10</u> Time: <u>14:00</u>
Received (Lab): <u>DMB-UPS 950A</u>	Date: <u>10-29-10</u> Time:
Comments/Special Instructions: <u>Any Question call Bob Kirchherr at 413-531-1122</u>	

Bayer, Danielle

041025038

From: Siegel, Stephen
Sent: Wednesday, October 13, 2010 1:19 PM
To: Corporate - Asbestos Login
Cc: Corporate - PLM; Nardozzi, Chris
Subject: ENVI07 O'Reilly, Talbot & Okun Associates, Inc.
Follow Up Flag: Follow up
Flag Status: Red
Attachments: 041023346_coc.pdf

Please note that for this client- WE ARE DOING PLM SOIL login as matrix bulk test PLM

For the final report we add the following report comment

This method is designed for relatively homogenous bulk building materials. Use of this method for other sample types can produce results that may not provide the analytical reliability for which the method was intended

Please also note that this exception is being made based on prior EPA contracts and test protocols. For any other clients/soils we do not normally do PLM QUANT but we do PLM CARB, TEM CARB, PLM ASTM Sieving Etc.

Steve

10 OCT 29 AM 10:19

10/14/2010

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (800) 220-3675 Fax: (856) 786-5974 Email: westmontashlab@EMSL.com

Attn: **Bob Kirchherr**
O'Reilly, Talbot & Okun Associates, Inc.
293 Bridge Street
Suite 500
Springfield, MA 01103

Customer ID: ENVI07
Customer PO:
Received: 11/03/10 10:15 AM
EMSL Order: 041025445

Fax: (413) 788-8830 Phone: (413) 788-6222
Project: **2118-01-02/W.R. GRACE**

EMSL Proj:
Analysis Date: 11/3/2010

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
LLSS-0269 041025445-0001	LATERIAL LIMIT SOIL SAMPLE	Brown Fibrous Heterogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected
RRRW-03 041025445-0002	RAIL ROAD RIGHT OF WAY 03	Brown Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
RRRW-04 041025445-0003	RAIL ROAD RIGHT OF WAY 04	Brown Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected

This method is designed for relatively homogenous bulk building materials. Use of this method for other sample types can produce results that may not provide the analytical reliability for which the method was intended

Initial report from 11/04/2010 09:05:32

Analyst(s)

Chris Little (3)

Stephen Siegel, CIH, Laboratory Manager
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. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. 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. 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. 200 Route 130 North, Cinnaminson NJ



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

041025445

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

Company: <u>O'Reilly Talbot & O'Kun</u>		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: <u>293 Bridge St. Suite 500</u>		Third Party Billing requires written authorization from third party	
City: <u>Springfield</u>	State/Province: <u>MA</u>	Zip/Postal Code: <u>01103</u>	Country: <u>USA</u>
Report To (Name): <u>Bob Kirchherr</u>		Fax #:	
Telephone #: <u>413-531-1122</u>		Email Address: <u>Kirchherr@OTO-ENV.COM</u>	
Project Name/Number: <u>W.R. Grace 2118-01-02</u>		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email Purchase Order: <input type="checkbox"/> U.S. State Samples Taken: <u>MA</u>	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input checked="" type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.			
PCM - Air <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <u>Quantitative</u> <input type="checkbox"/> PLM EPA NOB (<1%) <u>-tive</u> Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
TEM - Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other: <input type="checkbox"/>		<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group	
Samplers Name: <u>Chris Streeter</u>		Samplers Signature: <u>Chris Streeter</u>	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
<u>LLSS-0269</u>	<u>Material Limit Soil Sample 026-9</u>		<u>11/2/10</u>
<u>RRRW-03</u>	<u>Rail Road Right of Way 03 Composite</u>		
<u>RRRW-04</u>	<u>" " " " " 04 Composite</u>		
Client Sample # (s):		Total # of Samples: <u>3</u>	
Relinquished (Client): <u>Chris Streeter</u> Date: <u>11/2/10</u>		Time: <u>14:30</u>	
Received (Lab): <u>MMB-US-920A</u> Date: <u>11-3-10</u>		Time:	
Comments/Special Instructions:			