

## Appendix F

NOTE:

The laboratory results for EMSL order 041021729  
shows samples labeled with ERN and ERS  
which should read as CRN and CRS.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 856-4800 Fax: (856) 736-5974 Email: [westmontashleb@EMSL.com](mailto:westmontashleb@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: 09/21/10 9:20 AM  
EMSL Order: 041021729

Fax: (413) 788-8830 Phone: (413) 788-6222  
Project: **2188-01-02 GRACE**

EMSL Proj:  
Analysis Date: 9/21/2010

**Test Report: Asbestos Analysis via Polarized Light Microscopy, Qualitative**

Sample	Description	Appearance	Result	Notes
ERN-4/6/8 041021729-0001	- COMPOSITE 3"-6"		None Detected	
EL 041021729-0002	- COMPOSITE 3"-6"		None Detected	
ERS 041021729-0003	- COMPOSITE 3"-6"		None Detected	
ERN 10/12/14 041021729-0004	- COMPOSITE 3"-6"		None Detected	
ERN G&H 041021729-0005	- COMPOSITE 3"-6"		None Detected	

Initial report from 09/21/2010 18:54:24

Analyst(s)

Chris Little (5)

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. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. 200 Route 130 North, Cinnaminson NJ NYS ELAP 10872



EMSL ANALYTICAL, INC.  
LABORATORY PRODUCTS TRAINING

# Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

041021729

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

Company: <u>D'Reilly Talbot &amp; O'Brien</u>		EMSL-Bill to: <input type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: <u>2913 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>	
Telephone #: <u>413-531-1122</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.			
<b>PCM - Air</b> <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA <b>PLM - Bulk (reporting limit)</b> <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <u>Qual</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%)		<b>TEM - Air</b> <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 <b>TEM - Bulk</b> <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 <b>TEM - Water:</b> EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		<b>TEM - Dust</b> <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) <b>Soil/Rock/Vermiculite</b> <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) <b>Other:</b> <input type="checkbox"/>	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name:		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
ERN-4/6/8	Composite 3"-6"		9/17/10
EL	Composite 3"-6"		
ERS	Composite 3"-6"		
ERN 10/12/14	Composite 3"-6"		
ERN 6TH	Composite 3"-6"		
Client Sample # (s):		Total # of Samples: <u>5</u>	
Relinquished (Client): <u>Chris H. Harte</u>	Date: <u>9/17/10</u>	Time: <u>10:00</u>	
Received (Lab): <u>DNB-UPS 920A</u>	Date: <u>9-21-10</u>	Time:	
Comments/Special Instructions: <u>Call Bob Kirchherr with any questions</u>			



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**293 Bridge Street**  
**Suite 500**  
**Springfield, MA 01103**

Customer ID: ENVI07  
Customer PO:  
Received: 09/27/10 11:00 AM  
EMSL Order: 041022244

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

EMSL Proj:  
Analysis Date: 9/28/2010

### 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
TP 2-01 041022244-0006	PIPELINE	Brown Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	<1% Tremolite/ Actinolite
TP 3-01 041022244-0011	PIPELINE	Brown Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	<1% Tremolite/ Actinolite
TP 3-02 041022244-0012	PIPELINE	Brown Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	<1% Tremolite/ Actinolite
TP 4-01 041022244-0016	PIPELINE	Brown Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	<1% Tremolite/ Actinolite
TP 4-02 041022244-0017	PIPELINE	Brown Fibrous Heterogeneous		100% Non-fibrous (other)	<1% Tremolite/ Actinolite
TP 5-01 041022244-0021	PIPELINE	Brown Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	<1% Tremolite/ Actinolite
TP 5-02 041022244-0022	PIPELINE	Brown Fibrous Heterogeneous	2% Cellulose	98% Non-fibrous (other)	<1% Tremolite/ Actinolite

Initial report from 09/29/2010 07:01:19

Analyst(s)

Chris Little (20)

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



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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
TP 5-03 041022244-0023	PIPELINE	Brown Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	<1% Tremolite/ Actinolite
TP 5-05 041022244-0025	PIPELINE	Brown Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	<1% Tremolite/ Actinolite
TP 5-06 041022244-0026	PIPELINE	Brown Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	<1% Tremolite/ Actinolite
TP 5-07 041022244-0027	PIPELINE	Brown Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	<1% Tremolite/ Actinolite
TP 5-11 041022244-0031	PIPELINE	Brown Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	<1% Tremolite/ Actinolite
TP 7-01 041022244-0038	PIPELINE	Brown Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	<1% Tremolite/ Actinolite
TP 7-02 041022244-0039	PIPELINE	Brown Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	<1% Tremolite/ Actinolite

Initial report from 09/29/2010 07:01:19

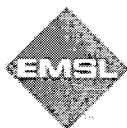
Analyst(s)

Chris Little (20)

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



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EMSL Order: 041022244

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Project: **2118-01-02/WR GRACE CO - EASTHAMPTON**

EMSL Proj:  
Analysis Date: 9/28/2010

### 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
TP 8-01 041022244-0043	PIPELINE	Brown Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	<1% Tremolite/ Actinolite
TP 8-02 041022244-0044	PIPELINE	Brown Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	<1% Tremolite/ Actinolite
TP 9-01 041022244-0048	PIPELINE	Brown Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	<1% Tremolite/ Actinolite
TP 9-02 041022244-0049	PIPELINE	Brown Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	<1% Tremolite/ Actinolite
TP 9-03 041022244-0050	PIPELINE	Brown Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	<1% Tremolite/ Actinolite
TP 9-04 041022244-0051	PIPELINE	Brown Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	<1% Tremolite/ Actinolite

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 09/29/2010 07:01:19

Analyst(s)

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Cinnaminson, NJ 08108  
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Your Name: **DAVID ABAD** Project Manager: **Bob Kirchherr**  
Company: **O'Reilly, Talbot, Okun**  
Street: **293 Bridge Street - Suite 500**  
City/State/Zip: **Springfield, MA 01103**  
Phone: **413-788-6222** Fax: **413-788-8830** Email: **abad@oto-env.com**  
Project Name: **WR Grace Co.** Project #: **2118-01-02**  
Project Location: **Easthampton** 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 *Qualitative*  
☐ NY Stratified Point Count  
☐ California Air Resource Board (CARB) 435  
☐ NIOSH 9002  
☐ PLM NOB (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  
☐ TEM NOB (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 Coli, 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:

Client Sample # (S) **TP 1-01** **TP - 9 - 05** TOTAL SAMPLE # **52**  
Relinquished: *David Abad* Date: *9/24/10* Time: \_\_\_\_\_  
Received: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
Relinquished: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
Received: *DP VPS 910* Date: \_\_\_\_\_ Time: \_\_\_\_\_





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200 Route 130 North  
Cinnaminson, NJ 08108  
(800) 220-3675  
(856) 858-4960 Fax

041022244

SAMPLE NUMBER	SAMPLE DESCRIPTION	LOCATION	HOMOGENOUS #
TP 1- 01	Soil	Pipeline	
TP 1- 02	Soil	Pipeline	
TP 1- 03	Soil	Pipeline	
TP 1- 04	Soil	Pipeline	
TP 1- 05	Soil	Pipeline	
TP 2- 01	Soil	Pipeline	
TP 2- 02	Soil	Pipeline	
TP 2- 03	Soil	Pipeline	
TP 2- 04	Soil	Pipeline	
TP 2- 05	Soil	Pipeline	
TP 3- 01	Soil	Pipeline	
TP 3- 02	Soil	Pipeline	
TP 3- 03	Soil	Pipeline	
TP 3- 04	Soil	Pipeline	
TP 3- 05	Soil	Pipeline	
TP 4- 01	Soil	Pipeline	
TP 4- 02	Soil	Pipeline	
TP 4- 03	Soil	Pipeline	
TP 4- 04	Soil	Pipeline	
TP 4- 05	Soil	Pipeline	
TP 5- 01	Soil	Pipeline	
TP 5- 02	Soil	Pipeline	
TP 5- 03	Soil	Pipeline	
TP 5- 04	Soil	Pipeline	
TP 5- 05	Soil	Pipeline	
TP 5- 06	Soil	Pipeline	
TP 5- 07	Soil	Pipeline	
TP 5- 08	Soil	Pipeline	
TP 5- 09	Soil	Pipeline	

041022244



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TP 5 – 10	Soil	Pipeline	
TP 5 – 11	Soil	Pipeline	
TP 5 – 12	Soil	Pipeline	
TP 6 – 01	Soil	Pipeline	
TP 6 – 02	Soil	Pipeline	
TP 6 – 03	Soil	Pipeline	
TP 6 – 04	Soil	Pipeline	
TP 6 – 05	Soil	Pipeline	
TP 7 – 01	Soil	Pipeline	
TP 7 – 02	Soil	Pipeline	
TP 7 – 03	Soil	Pipeline	
TP 7 – 04	Soil	Pipeline	
TP 7 – 05	Soil	Pipeline	
TP 8 – 01	Soil	Pipeline	
TP 8 – 02	Soil	Pipeline	
TP 8 – 03	Soil	Pipeline	
TP 8 – 04	Soil	Pipeline	
TP 8 – 05	Soil	Pipeline	
TP 9 – 01	Soil	Pipeline	
TP 9 – 02	Soil	Pipeline	
TP 9 – 03	Soil	Pipeline	
TP 9 – 04	Soil	Pipeline	
TP 9 – 05	Soil	Pipeline	

Relinquished:

Received:

Relinquished:

Received:

Date:

Date:

Date:

Date:

Time:

Time:

Time:

Time:

10 SEP 27 AM 11:00

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Attn: **Bob Kirchherr**  
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EMSL Order: 041022244

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Project: 2118-01-02/WR GRACE CO - EASTHAMPTON

EMSL Proj:  
Analysis Date: 9/28/2010

**Test Report: Asbestos Analysis via Polarized Light Microscopy, Qualitative**

Sample	Description	Appearance	Result	Notes
TP 1-01 041022244-0001	PIPELINE		None Detected	
TP 1-02 041022244-0002	PIPELINE		None Detected	
TP 1-03 041022244-0003	PIPELINE		None Detected	
TP 1-04 041022244-0004	PIPELINE		None Detected	
TP 1-05 041022244-0005	PIPELINE		None Detected	
TP 2-02 041022244-0007	PIPELINE		None Detected	
TP 2-03 041022244-0008	PIPELINE		None Detected	
TP 2-04 041022244-0009	PIPELINE		None Detected	

Initial report from 09/29/2010 07:01:19

Analyst(s)

Chris Little (32)

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 NYS ELAP 10872

**EMSL Analytical, Inc.**

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Phone: (856) 856-4800 Fax: (856) 786-5974 Email: westmontasbleh@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: 09/27/10 11:00 AM  
EMSL Order: 041022244

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

EMSL Proj:  
Analysis Date: 9/28/2010

**Test Report: Asbestos Analysis via Polarized Light Microscopy, Qualitative**

Sample	Description	Appearance	Result	Notes
TP 2-05 041022244-0010	PIPELINE		None Detected	
TP 3-03 041022244-0013	PIPELINE		None Detected	
TP 3-04 041022244-0014	PIPELINE		None Detected	
TP 3-05 041022244-0015	PIPELINE		None Detected	
TP 4-03 041022244-0018	PIPELINE		None Detected	
TP 4-04 041022244-0019	PIPELINE		None Detected	
TP 4-05 041022244-0020	PIPELINE		None Detected	
TP 5-04 041022244-0024	PIPELINE		None Detected	Suggest TEM

Initial report from 09/29/2010 07:01:19

Analyst(s)

Chris Little (32)

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 NYS ELAP 10872

**EMSL Analytical, Inc.**

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**293 Bridge Street**  
**Suite 500**  
**Springfield, MA 01103**

Customer ID: ENVI07  
Customer PO:  
Received: 09/27/10 11:00 AM  
EMSL Order: 041022244

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

EMSL Proj:  
Analysis Date: 9/28/2010

**Test Report: Asbestos Analysis via Polarized Light Microscopy, Qualitative**

Sample	Description	Appearance	Result	Notes
TP 5-08 041022244-0028	PIPELINE		None Detected	SUGGEST TEM
TP 5-09 041022244-0029	PIPELINE		None Detected	SUGGEST TEM
TP 5-10 041022244-0030	PIPELINE		None Detected	SUGGEST TEM
TP 5-12 041022244-0032	PIPELINE		None Detected	SUGGEST TEM
TP 6-01 041022244-0033	PIPELINE		None Detected	
TP 6-02 041022244-0034	PIPELINE		None Detected	
TP 6-03 041022244-0035	PIPELINE		None Detected	
TP 6-04 041022244-0036	PIPELINE		None Detected	

Initial report from 09/29/2010 07:01:19

Analyst(s)

Chris Little (32)

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 NYS ELAP 10872

**EMSL Analytical, Inc.**

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Phone: (856) 858-4800 Fax: (856) 786-5974 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: 09/27/10 11:00 AM  
EMSL Order: 041022244

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

EMSL Proj:  
Analysis Date: 9/28/2010

**Test Report: Asbestos Analysis via Polarized Light Microscopy, Qualitative**

Sample	Description	Appearance	Result	Notes
TP 6-05 041022244-0037	PIPELINE		None Detected	
TP 7-03 041022244-0040	PIPELINE		None Detected	
TP 7-04 041022244-0041	PIPELINE		None Detected	
TP 7-05 041022244-0042	PIPELINE		None Detected	
TP 8-03 041022244-0045	PIPELINE		None Detected	
TP 8-04 041022244-0046	PIPELINE		None Detected	
TP 8-05 041022244-0047	PIPELINE		None Detected	
TP 9-05 041022244-0052	PIPELINE		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.

Initial report from 09/29/2010 07:01:19

Analyst(s)

Chris Little (32)

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 NYS ELAP 10872

041022244



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

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

EMSL – NJ  
200 Route 130 North  
Cinnaminson, NJ 08108  
(800) 220-3675  
(856) 858-4960 Fax

SAMPLE NUMBER	SAMPLE DESCRIPTION	LOCATION	HOMOGENOUS #
TP 1-01	Soil	Pipeline	
TP 1-02	Soil	Pipeline	
TP 1-03	Soil	Pipeline	
TP 1-04	Soil	Pipeline	
TP 1-05	Soil	Pipeline	
TP 2-01	Soil	Pipeline	
TP 2-02	Soil	Pipeline	
TP 2-03	Soil	Pipeline	
TP 2-04	Soil	Pipeline	
TP 2-05	Soil	Pipeline	
TP 3-01	Soil	Pipeline	
TP 3-02	Soil	Pipeline	
TP 3-03	Soil	Pipeline	
TP 3-04	Soil	Pipeline	
TP 3-05	Soil	Pipeline	
TP 4-01	Soil	Pipeline	
TP 4-02	Soil	Pipeline	
TP 4-03	Soil	Pipeline	
TP 4-04	Soil	Pipeline	
TP 4-05	Soil	Pipeline	
TP 5-01	Soil	Pipeline	
TP 5-02	Soil	Pipeline	
TP 5-03	Soil	Pipeline	
TP 5-04	Soil	Pipeline	
TP 5-05	Soil	Pipeline	
TP 5-06	Soil	Pipeline	
TP 5-07	Soil	Pipeline	
TP 5-08	Soil	Pipeline	
TP 5-09	Soil	Pipeline	

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200 Route 130 North  
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TP 5 – 10	Soil	Pipeline	
TP 5 – 11	Soil	Pipeline	
TP 5 – 12	Soil	Pipeline	
TP 6 – 01	Soil	Pipeline	
TP 6 – 02	Soil	Pipeline	
TP 6 – 03	Soil	Pipeline	
TP 6 – 04	Soil	Pipeline	
TP 6 – 05	Soil	Pipeline	
TP 7 – 01	Soil	Pipeline	
TP 7 – 02	Soil	Pipeline	
TP 7 – 03	Soil	Pipeline	
TP 7 – 04	Soil	Pipeline	
TP 7 – 05	Soil	Pipeline	
TP 8 – 01	Soil	Pipeline	
TP 8 – 02	Soil	Pipeline	
TP 8 – 03	Soil	Pipeline	
TP 8 – 04	Soil	Pipeline	
TP 8 – 05	Soil	Pipeline	
TP 9 – 01	Soil	Pipeline	
TP 9 – 02	Soil	Pipeline	
TP 9 – 03	Soil	Pipeline	
TP 9 – 04	Soil	Pipeline	
TP 9 – 05	Soil	Pipeline	

Relinquished:

Received:

Relinquished:

Received:

Date:

Date:

Date:

Date:

Time:

Time:

Time:

Time:

10 SEP 27 AM 11:00





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EMSL – NJ  
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(800) 220-3675  
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Your Name: **DAVID ABAD** Project Manager: **Bob Kirchherr**  
Company: **O'Reilly, Talbot, Okun**  
Street: **293 Bridge Street - Suite 500**  
City/State/Zip: **Springfield, MA 01103**  
Phone: **413-788-6222** Fax: **413-788-8830** Email: **abad@oto-env.com**  
Project Name: **WR Grace Co.** Project #: **2118-01-02**  
Project Location: **Easthampton** 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 *Qualitative*  
☐ NY Stratified Point Count  
☐ California Air Resource Board (CARB) 435  
☐ NIOSH 9002  
☐ PLM NOB (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  
☐ TEM NOB (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 Coli, Fecal Streptococcus  
☐ Legionella  
☐ Salmonella  
☐ Giardia and Cryptosporidium

## Wipe and Bulk Samples

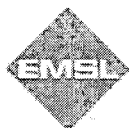
- ☐ Mold & Fungi - Direct Examination  
☐ Mold & Fungi - (Culture follow up to direct examination if necessary)  
☐ Mold & Fungi - Culture (Count & ID)  
☐ Mold & Fungi - Culture (Count only)  
☐ Bacterial Count & Gram Stain  
☐ Bacterial Count & Identification (3 most prominent types)  
☐ Other

## 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:

Client Sample # (S) **TP 1-01** - **TP - 9-05** TOTAL SAMPLE # **52**  
Relinquished: *David Abad* Date: *9/24/00* Time: \_\_\_\_\_  
Received: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
Relinquished: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
Received: *DP VPS 910* Date: \_\_\_\_\_ Time: \_\_\_\_\_



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**Springfield, MA 01103**

Customer ID: ENVI07  
Customer PO:  
Received: 10/07/10 10:20 AM  
EMSL Order: 041023072

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

EMSL Proj:  
Analysis Date: 10/7/2010

### 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
DOS-1 041023072-0001	- COMPOSITE 3-6"	Brown Non-Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	<b>None Detected</b>
DOS-2 041023072-0002	- COMPOSITE 3-6"	Brown Non-Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	<b>None Detected</b>

This method is designed for relatively homogenous bulk building materials and can produce results that may not provide the analytical reliability for which the method was intended. EMSL recommends further, more comprehensive testing.

Initial report from 10/08/2010 11:03:12

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

041023072



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Your Name:

Chris Streeter

Project Manager:

Bob Kirchherr

Company:

O'Reilly Talbot + O'Kun Assoc. Inc.

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Phone:

413-788-6222

Fax:

413-788-8830

Email: Kirchherr@OTO-ENV.com

Project Name:

W. R. Grace

Project #:

2118-01-02

Project Location:

Easthampton

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

☐ EPA 600/R-93/116

☐ 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 Coli, 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 Question Call Bob Kirchherr

at 413-531-1122

Client Sample # (S)

DOS-1

DOS-2

TOTAL SAMPLE #

2

Relinquished:

Chris A. Streeter

Date:

10/5/10

Time:

15:00

Received:

Date:

Time:

Relinquished:

Date:

Time:

Received:

DMS-LPS 1020A

Date:

10-7-10

Time:



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Westmont, NJ 08108  
(800) 220-3675  
(856) 858-4960 Fax

10 OCT -7 AM 3:43

Time:

15.00

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Customer ID: ENV107  
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

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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) 786-5974 Email: [westmontaslab@EMSL.com](mailto:westmontaslab@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: 10/20/10 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 Stater (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

EMSL ANALYTICAL, INC.  
LABORATORY PRODUCTS TRAININGAsbestos 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 Talbot &amp; O'Kun</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		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.			
<b>PCM - Air</b> <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA		<b>TEM - Air</b> <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	
<b>PLM - Bulk (reporting limit)</b> <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%)		<b>TEM - Bulk</b> <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 <b>TEM - Water:</b> EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
<b>TEM - Dust</b> <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)		<b>Soil/Rock/Vermiculite</b> <input type="checkbox"/> TEM 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: <u>0</u>	
<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
R.R. Comp	Rail Road Tie Composite		10/18/10 11:45
Area "D" North Comp	Area "D" Composite North		10/19/10 11:00
Area "D" South Composite	Area "D" Composite South		10/19/10 11:10
(See Comments)	LLSS-35-5' E		10/19/10 9:45
	LLSS-35-10' E		
	LLSS-35-5' W		
	LLSS-35-10' W		
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) 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: 11/02/10 10:30 AM  
EMSL Order: 041025279

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

EMSL Proj:  
Analysis Date: 11/2/2010

### 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
RRRW-01 041025279-0001	RAIL ROAD RIGHT OF WAY- COMPOSITE	Brown Fibrous Heterogeneous	1% Cellulose	99% 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.					
RRRW-02 041025279-0002	RAIL ROAD RIGHT OF WAY- 02 COMPOSITE	Brown Fibrous Heterogeneous	1% Cellulose	99% 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 11/02/2010 14:06:42

Analyst(s)

Chris Dojlikko (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



**EMSL ANALYTICAL, INC.**  
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## Asbestos Chain of Custody

**EMSL Order Number** (Lab Use Only):

041025279

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

<b>Company:</b> O'Reilly Tackett & Okun <b>Street:</b> 293 Bridge St. Suite 500 <b>City:</b> Springfield State/Province: MA <b>Report To (Name):</b> Bob Kirchherr <b>Telephone #:</b> 413-531-1122 <b>Project Name/Number:</b> W.R. Grace 2118-01-02 <b>Please Provide Results:</b> <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <b>Purchase Order:</b>		<b>EMSL-Bill to:</b> <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small> <b>Third Party Billing requires written authorization from third party</b> <b>Zip/Postal Code:</b> 01103 <b>Country:</b> USA <b>Fax #:</b> <b>Email Address:</b> kirchherr@OTO-ENV.COM	
<b>Turnaround Time (TAT) Options* - Please Check</b> <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 <small>*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.</small>			
<b>PCM - Air</b> <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA <b>PLM - Bulk (reporting limit)</b> <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%)		<b>TEM - Air</b> <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 <b>TEM - Bulk</b> <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 <b>TEM - Water:</b> EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
<b>TEM - Dust</b> <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)		<b>Soil/Rock/Vermiculite</b> <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"/> <b>Other:</b>			
<input type="checkbox"/> <b>Check For Positive Stop - Clearly Identify Homogenous Group</b>			
<b>Samplers Name:</b> Chris Streeter		<b>Samplers Signature:</b> Chris A. Streeter	
<b>Sample #</b>	<b>Sample Description</b>	<b>Volume/Area (Air) HA # (Bulk)</b>	<b>Date/Time Sampled</b>
RRRW-01	Rail Road Right of Way - Composite		11/1/10
RRRW-02	" " " " " " 02 Composite		11/1/10
<b>Client Sample # (s):</b>		<b>Total # of Samples:</b> 2	
<b>Relinquished (Client):</b> Chris A. Streeter		<b>Date:</b> 11/1/10 <b>Time:</b> 14:30	
<b>Received (Lab):</b> DMB-UPS-10A		<b>Date:</b> 11-2-10 <b>Time:</b>	
<b>Comments/Special Instructions:</b> Any Questions please call Bob Kirchherr			

**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	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
LLSS-0269 041025445-0001	LATERAL 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 &amp; 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:	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.			
<b>PCM - Air</b> <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA <b>PLM - Bulk (reporting limit)</b> <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <u>Quantitative</u> <input type="checkbox"/> PLM EPA NOB (<1%) <u>- five</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%)		<b>TEM - Air</b> <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 <b>TEM - Bulk</b> <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 <b>TEM - Water:</b> EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
<b>TEM - Dust</b> <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)		<b>Soil/Rock/Vermiculite</b> <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		<b>Other:</b> <input type="checkbox"/>	
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:			

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (800) 220-3675 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: 11/05/10 9:20 AM  
EMSL Order: 041025589

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

EMSL Proj:  
Analysis Date: 11/7/2010

### 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
RRRW-05 041025589-0003	- RAILROAD RIGHT OF WAY 05 COMPOSITE	Brown Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	<b>None Detected</b>
RRRW-06 041025589-0004	- RAILROAD RIGHT OF WAY 06 COMPOSITE	Brown Fibrous Heterogeneous	3% Cellulose	97% Non-fibrous (other)	<b>None Detected</b>

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 11/08/2010 09:46:09

Analyst(s)

Melissa Klinedinst (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



EMSL ANALYTICAL, INC.  
LABORATORY PRODUCTS TRAINING

# Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

041025589

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

Company: <u>O'Reilly Talbot &amp; 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:		U.S. State Samples Taken:	
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		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only)	
<input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA		<input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	
PLM - Bulk (reporting limit)		TEM - Bulk	
<input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <u>Quantitative</u> <input type="checkbox"/> PLM EPA NOB (<1%) <u>Relative</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%)		<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>RRRW-05</u>	<u>Railroad Right of Way 05 Composite</u>		<u>11/3/10</u>
<u>RRRW-06</u>	<u>" " " " " 06 Composite</u>		<u>11/3/10</u>
Client Sample # (s):		Total # of Samples: <u>2</u>	
Relinquished (Client): <u>Chris Streeter</u> Date: <u>11/3/10</u>		Time: <u>15:00</u>	
Received (Lab): <u>MMB-UPS-920A</u> Date: <u>11-5-10</u>		Time:	
Comments/Special Instructions:			

SAMPLES ACCEPTED BY

**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: 11/05/10 10:07 AM  
EMSL Order: 041025581

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

EMSL Proj:  
Analysis Date: 11/7/2010

### 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
RRRW-07 041025581-0003	- RAIL ROAD RIGHT OF WAY COMPOSITE 07	Brown Fibrous Heterogeneous	3% Cellulose	97% Non-fibrous (other)	None Detected
RRRW-08 041025581-0004	- RAIL ROAD RIGHT OF WAY COMPOSITE 08	Brown Fibrous Heterogeneous	3% Cellulose	97% 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 11/08/2010 09:43:22

Analyst(s)

Melissa Klinedinst (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





EMSL ANALYTICAL, INC.  
LABORATORY PRODUCTS TRAINING

# Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

041025581

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

Company: <u>O'Reilly Tackett &amp; O'Keefe</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.A. Grace 2118-01-02</u>			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email Purchase Order: _____ U.S. State Samples Taken: _____			
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.			
<b>PCM - Air</b> <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA <b>PLM - Bulk (reporting limit)</b> <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <u>Quanti -</u> <input type="checkbox"/> PLM EPA NOB (<1%) <u>Relative</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%)		<b>TEM - Air</b> <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 <b>TEM - Bulk</b> <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 <b>TEM - Water:</b> EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		<b>TEM - Dust</b> <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) <b>Soil/Rock/Vermiculite</b> <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) <b>Other:</b>	
<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
RRRW-07	Rail Road Right of Way Composite 07		11/4/10
RRRW-08	" " " " " " 08		
RRRW-09	" " " " " " 09		
Client Sample # (s):		Total # of Samples: <u>3</u>	
Relinquished (Client): <u>Chris A. Streeter</u>		Date: <u>11/4/10</u>	Time: <u>15:00</u>
Received (Lab): <u>DDMB-LPS-920A</u>		Date: <u>11-5-10</u>	Time:
Comments/Special Instructions:			

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (800) 220-3675 Fax: (856) 788-5974 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: 11/08/10 9:20 AM  
EMSL Order: 041025762

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

EMSL Proj:  
Analysis Date: 11/8/2010

### 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
RRRW-17 041025762-0001	RAIL ROAD RIGHT OF WAY 17 COMPOSITE	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
RRRW-16 041025762-0002	RAIL ROAD RIGHT OF WAY 16 COMPOSITE	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

Initial report from 11/09/2010 06:59:50

Analyst(s)

Will DiBella (2)

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.  
LABORATORY PRODUCTS TRAINING

# Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

041025762

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

Company: <u>O'Reilly Talbot &amp; 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 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-EMV.COM</u>	
Project Name/Number: <u>W.R. Grace 2118-01-02</u>			
Please Provide Results: <input type="checkbox"/> Fax <input type="checkbox"/> Email		Purchase Order: <input type="checkbox"/> U.S. State Samples Taken: <input type="checkbox"/>	
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.			
<b>PCM - Air</b> <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA <b>PLM - Bulk (reporting limit)</b> <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%)		<b>TEM - Air</b> <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 <b>TEM - Bulk</b> <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 <b>TEM - Water:</b> EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		<b>TEM - Dust</b> <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) <b>Soil/Rock/Vermiculite</b> <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) <b>Other:</b> <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>RRRW-17</u>	<u>Rail Road Right of Way 17 - Composite</u>		<u>11/5/10</u>
<u>RRRW-16</u>	<u>" " " " 16 - Composite</u>		<u>11/5/10</u>
Client Sample # (s):		Total # of Samples: <u>25</u>	
Relinquished (Client): <u>Chris A. Streeter</u> Date: <u>11/5/10</u>		Time: <u>15:00</u>	
Received (Lab): <u>DNMB-LPS-9201</u> Date: <u>11-8-10</u>		Time:	
Comments/Special Instructions:			

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (800) 220-3675 Fax: (856) 786-5974 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: 11/09/10 10:10 AM  
EMSL Order: 041025832

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

EMSL Proj:  
Analysis Date: 11/9/2010

### 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
RRRW-09 041025832-0005	RAILROAD RIGHT OF WAY 09 COMPOSITE	Brown Non-Fibrous Heterogeneous	3% Cellulose	97% Non-fibrous (other)	None Detected
RRRW-13 041025832-0006	RAILROAD RIGHT OF WAY 13 COMPOSITE	Brown Non-Fibrous Heterogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected
RRRW-14 041025832-0007	RAILROAD RIGHT OF WAY 14 COMPOSITE	Brown Non-Fibrous Heterogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected
RRRW-15 041025832-0008	RAILROAD RIGHT OF WAY 15 COMPOSITE	Brown Non-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 11/10/2010 09:15:48

**Analyst(s)**

*Daniel Sivco (3)*

*Will DiBella (1)*

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):

041025832

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

Company: <u>O'Reilly Tackett &amp; 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 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@OTV-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.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.			
<b>PCM - Air</b> <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA <b>PLM - Bulk (reporting limit)</b> <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%)		<b>TEM - Air</b> <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 <b>TEM - Bulk</b> <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 <b>TEM - Water:</b> EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		<b>TEM - Dust</b> <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) <b>Soil/Rock/Vermiculite</b> <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) <b>Other:</b> <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>RRRW-09</u>	<u>Railroad Right of Way 09 Composite</u>		<u>11/8/10</u>
<u>RRRW-13</u>	<u>" " " " 13 Composite</u>		<u>NOV - 9 AM 10:27</u>
<u>RRRW-14</u>	<u>" " " " 14 Composite</u>		
<u>RRRW-15</u>	<u>" " " " 15 Composite</u>		
Client Sample # (s): _____		Total # of Samples: <u>4</u>	
Relinquished (Client): <u>Chris A. Streeter</u>		Date: <u>11/8/10</u>	Time: <u>15:00</u>
Received (Lab): <u>DNB-UPS 1010A</u>		Date: <u>11-9-10</u>	Time: _____
Comments/Special Instructions:			

**Bayer, Danielle**

041025832

**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

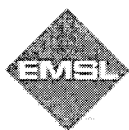
For the final report we add the following report comment

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: 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: 11/10/10 9:15 AM  
EMSL Order: 041025965

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

Project: **WR GRACE 2118-01-02**

EMSL Proj:  
Analysis Date: 11/11/2010

### 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
RRRW-10 041025965-0001	RAILROAD RIGHT OF WAY- 10 COMPOSITE	Brown Non-Fibrous Heterogeneous	2% Cellulose	98% Non-fibrous (other)	<1% Actinolite
RRRW-11 041025965-0002	RAILROAD RIGHT OF WAY- 11 COMPOSITE	Brown Non-Fibrous Heterogeneous	2% Cellulose	98% Non-fibrous (other)	<1% Actinolite
CP-18 041025965-0003	CONCRETE AND AREA COMPOSITE	Brown Non-Fibrous Heterogeneous	2% Cellulose	98% Non-fibrous (other)	<1% Actinolite

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 11/11/2010 13:46:26

Analyst(s)

Peter Harrison (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):

041025965

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

Company: <u>O'Reilly Talbot &amp; 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 506</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 <input type="checkbox"/> Purchase Order:		U.S. State Samples Taken:	
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.			
<b>PCM - Air</b> <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA <b>PLM - Bulk (reporting limit)</b> <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <u>Quantitative</u> <input type="checkbox"/> PLM EPA NOB (<1%) <u>five</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%)		<b>TEM - Air</b> <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 <b>TEM - Bulk</b> <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 <b>TEM - Water:</b> EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		<b>TEM - Dust</b> <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) <b>Soil/Rock/Vermiculite</b> <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) <b>Other:</b> <input type="checkbox"/>	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: <u>Chris Streetor</u>		Samplers Signature: <u>Chris A. Streetor</u>	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
RRRW-10	Railroad Right of Way -10 Composite		11/9/10
RRRW-11	" " " " -11 Composite		10 NOV 10 AM 9:28
CP-18	Concrete And Area Composite		
Client Sample # (s):		Total # of Samples: <u>3</u>	
Relinquished (Client): <u>Chris A. Streetor</u>		Date: <u>11/9/10</u>	Time: <u>16:15</u>
Received (Lab): <u>OTMB-95-915A</u>		Date: <u>11.10.10</u>	Time:
Comments/Special Instructions:			

FOR ANALYSIS BY  
EMSL ANALYTICAL, INC.



**Bayer, Danielle**

041025965

**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) 786-6974 Email: [westmontaslab@EMSL.com](mailto: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: 11/11/10 9:20 AM  
EMSL Order: 041026080

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

EMSL Proj:  
Analysis Date: 11/11/2010

### 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
RRRW-12 041026080-0001	- RAIL ROAD RIGHT OF WAY COMPOSITE	Brown Fibrous Heterogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected

Initial report from 11/11/2010 23:32:06

Analyst(s)

Chris Little (1)

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



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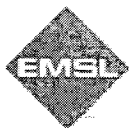
## Asbestos Chain of Custody

**EMSL Order Number** (Lab Use Only):

041026080

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

Company: O'Reilly Talbot & Kun		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments*	
Street: 293 Bridge St Suite 500		Third Party Billing requires written authorization from third party	
City: Springfield	State/Province: MA	Zip/Postal Code: 01103	Country: USA
Report To (Name): Bob Kirchherr		Fax #:	Email Address: Kirchherr@OTO-ENV.COM
Telephone #: 413-531-1122			
Project Name/Number: W.R. Grace 2118-01-02			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email Purchase Order:		U.S. State Samples Taken: MA	
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.			
<b>PCM - Air</b>		<b>TEM - Air</b> <input type="checkbox"/> 4-4.5hr TAT (AHERA only)	
<input type="checkbox"/> NIOSH 7400		<input type="checkbox"/> AHERA 40 CFR, Part 763	
<input type="checkbox"/> w/ OSHA 8hr. TWA		<input type="checkbox"/> NIOSH 7402	
<b>PLM - Bulk (reporting limit)</b>		<input type="checkbox"/> EPA Level II	
<input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) Quantitative		<input type="checkbox"/> ISO 10312	
<input type="checkbox"/> PLM EPA NOB (<1%) Point Count		<b>TEM - Bulk</b>	
<input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)		<input type="checkbox"/> TEM EPA NOB	
Point Count w/Gravimetric		<input type="checkbox"/> NYS NOB 198.4 (non-friable-NY)	
<input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)		<input type="checkbox"/> Chatfield SOP	
<input type="checkbox"/> NYS 198.1 (friable in NY)		<input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5	
<input type="checkbox"/> NYS 198.6 NOB (non-friable-NY)		<b>TEM - Water: EPA 100.2</b>	
<input type="checkbox"/> NIOSH 9002 (<1%)		Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: Chris Streeter		Samplers Signature: Chris A. Streeter	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
RRRW-12	Rail Road Right of Way 12 Composite		11/10/10
Client Sample # (s):		Total # of Samples:	
Relinquished (Client): Christy Streeter Date: 11/10/10		Time: 16:00	
Received (Lab): DMG-LPS 920A Date: 11-11-10		Time:	
Comments/Special Instructions:			



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (800) 229-3675 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**

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

Project: **W.R. GRACE**

Customer ID: ENVI07  
Customer PO:  
Received: 11/17/10 9:50 AM  
EMSL Order: 041026628

EMSL Proj:  
Analysis Date: 11/18/2010

### 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
PL-1 041026628-0001	PL-1 COMPOSITE	Brown Non-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 11/18/2010 09:20:41

Analyst(s)

Melissa Klinedinst (1)

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):

041026628

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

Company: <u>O'Reilly Talbot &amp; 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</u>			
Please Provide Results: <input type="checkbox"/> Fax <input type="checkbox"/> Email		Purchase Order:	U.S. State Samples Taken:
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.			
<b>PCM - Air</b> <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA <b>PLM - Bulk (reporting limit)</b> <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <u>Quantitative</u> <input type="checkbox"/> PLM EPA NOB (<1%) <u>five</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%)		<b>TEM - Air</b> <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 <b>TEM - Bulk</b> <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 <b>TEM - Water:</b> EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		<b>TEM - Dust</b> <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) <b>Soil/Rock/Vermiculite</b> <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) <b>Other:</b> <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>PL-1</u>	<u>PL-1 Composite</u>		<u>11/16/10</u>
			<u>10/17/17</u>
			<u>11/11/06</u>
Client Sample # (s):		Total # of Samples: <u>1</u>	
Relinquished (Client): <u>Chris A. Streeter</u>		Date: <u>11/16/10</u>	Time: <u>14:00</u>
Received (Lab): <u>UPS 950</u>		Date:	Time:
Comments/Special Instructions:			

**Pullman, Daniel**

041026628

**From:** Siegel, Stephen  
**Sent:** Wednesday, November 10, 2010 9:18 AM  
**To:** Corporate - Asbestos Login  
**Cc:** Stanhope, Dave; Palmer, Wendy; Denton, Robyn  
**Subject:** ENVI07 O'Reilly WR GRACE 2118-01-02 Project  
**Importance:** High  
**Follow Up Flag:** Follow up  
**Flag Status:** Completed  
**Attachments:** 041025832\_coc.pdf

Reminder

These are logged in as matrix **SOIL** and test **PLM**.

Samples go to bulk prep 1st for drying.

Thanks

Steve

11/17/2010



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (800) 220-3675 Fax: (856) 786-5974 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: 11/18/10 9:55 AM  
EMSL Order: 041026734

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

EMSL Proj:  
Analysis Date: 11/19/2010

### 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
PL-2 041026734-0001	PIPE LINE 2 COMPOSITE	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

suggest temThis 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 11/19/2010 06:38:58

Analyst(s)

Jerry Cherian (1)

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):

041026734

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

Company: <u>O'Reilly Talcot &amp; 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: _____ 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.			
<b>PCM - Air</b> <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA <b>PLM - Bulk (reporting limit)</b> <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <u>Quantitative</u> <input type="checkbox"/> PLM EPA NOB (<1%) <u>Five</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%)		<b>TEM - Air</b> <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 <b>TEM - Bulk</b> <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 <b>TEM - Water:</b> EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		<b>TEM - Dust</b> <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) <b>Soil/Rock/Vermiculite</b> <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) <b>Other:</b> <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>PL-2</u>	<u>Pipeline 2 Composite</u>		<u>11/17/10</u>
Client Sample # (s): _____		Total # of Samples: _____	
Relinquished (Client): <u>Chris Streeter</u>		Date: <u>11/17/10</u>	Time: <u>14:30</u>
Received (Lab): <u>PMB-US-955A</u>		Date: <u>11-18-10</u>	Time: _____
Comments/Special Instructions: _____			





EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (800) 220-3675 Fax: (856) 786-5974 Email: wes@montaslab@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: 11/18/10 9:55 AM  
EMSL Order: 041026728

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

Project: **W.R GRACE 2118-01-02**

EMSL Proj:  
Analysis Date: 11/19/2010

### 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
PL-3 041026728-0001	PIPE LINE 3 COMPOSITE	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	<b>None Detected</b>

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 11/19/2010 06:35:22

Analyst(s)

*Jerry Cherian (1)*

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):

041026728

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

Company: <u>O'Reilly Talbot &amp; O'Han</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 200</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 #:	Email Address: <u>Kirchherr@OTO-EM.com</u>
Telephone #: <u>413-531-1122</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.			
<b>PCM - Air</b> <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA <b>PLM - Bulk (reporting limit)</b> <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <u>Quantitative</u> <input type="checkbox"/> PLM EPA NOB (<1%) <u>five</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%)		<b>TEM - Air</b> <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 <b>TEM - Bulk</b> <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 <b>TEM - Water:</b> EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
<b>TEM - Dust</b> <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) <b>Soil/Rock/Vermiculite</b> <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) <b>Other:</b>		<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>PL-3</u>	<u>Pipe Line 3 Composite</u>		<u>11/17/10</u>
Client Sample # (s):		Total # of Samples: <u>1</u>	
Relinquished (Client): <u>Chris A. Streeter</u> Date: <u>11/17/10</u>		Time: <u>15:30</u>	
Received (Lab): <u>DNB-UP-955A</u> Date: <u>11-18-10</u>		Time:	
Comments/Special Instructions:			



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (800) 220-3675 Fax: (856) 786-5974 Email: [westmontaslab@EMSL.com](mailto: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: 11/01/10 11:00 AM  
EMSL Order: 041025196

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

EMSL Proj:  
Analysis Date: 11/2/2010

### 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
DOS 3 041025196-0001	COMPOSITE 6-9"	Brown Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected

Initial report from 11/02/2010 10:55:20

Analyst(s)

Dave Poitras (1)

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):

04/025/96

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

FAX: (856) 786-5974

Company: O'Reilly Talbot +OKun

Street: 293 Bridge St. Suite 500

City: Springfield

State/Province: MA

Report To (Name): Bob Kirchherr

Telephone #: 413-531-1122

Project Name/Number: W.R. Grace 211B-01-02

Please Provide Results: ☐ Fax ☒ Email Purchase Order:

EMSL-Bill to: ☐ Same ☐ Different

If Bill to is Different note instructions in Comments\*\*

Third Party Billing requires written authorization from third party

Zip/Postal Code: 01103

Country: USA

Fax #:

Email Address: Kirchherr@OTO-ENV.com

U.S. State Samples Taken: MA

**Turnaround Time (TAT) Options\* - Please Check**

☐ 3 Hour

☐ 6 Hour

☒ 24 Hour

☐ 48 Hour

☐ 72 Hour

☐ 96 Hour

☐ 1 Week

☐ 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**

☐ NIOSH 7400

☐ w/ OSHA 8hr. TWA

**PLM - Bulk (reporting limit)**

☒ PLM EPA 600/R-93/116 (<1%) Quantitative

☐ PLM EPA NOB (<1%) five

Point Count

☐ 400 (<0.25%) ☐ 1000 (<0.1%)

Point Count w/Gravimetric

☐ 400 (<0.25%) ☐ 1000 (<0.1%)

☐ NYS 198.1 (friable in NY)

☐ NYS 198.6 NOB (non-friable-NY)

☐ NIOSH 9002 (<1%)

**TEM - Air** ☐ 4-4.5hr TAT (AHERA only)

☐ AHERA 40 CFR, Part 763

☐ NIOSH 7402

☐ EPA Level II

☐ ISO 10312

**TEM - Bulk**

☐ TEM EPA NOB

☐ NYS NOB 198.4 (non-friable-NY)

☐ Chatfield SOP

☐ TEM Mass Analysis-EPA 600 sec. 2.5

**TEM - Water:** EPA 100.2

Fibers >10µm ☐ Waste ☐ Drinking

All Fiber Sizes ☐ Waste ☐ Drinking

**TEM-Dust**

☐ Microvac - ASTM D 5755

☐ Wipe - ASTM D6480

☐ Carpet Sonication (EPA 600/J-93/167)

**Soil/Rock/Vermiculite**

☐ PLM CARB 435 - A (0.25% sensitivity)

☐ PLM CARB 435 - B (0.1% sensitivity)

☐ TEM CARB 435 - B (0.1% sensitivity)

☐ TEM CARB 435 - C (0.01% sensitivity)

☐ EPA Protocol (Semi-Quantitative)

☐ EPA Protocol (Quantitative)

**Other:**

☐

☐ Check For Positive Stop - Clearly Identify Homogenous Group

Samplers Name: Chris Streeter

Samplers Signature: Chris A. Streeter

Sample #

Sample Description

Volume/Area (Air)

HA # (Bulk)

Date/Time

Sampled

DOS 3

Composite 6-9 "

10/29/10

Client Sample # (s):

Total # of Samples: 1

Relinquished (Client): Chris A. Streeter

Date: 10/29/10

Time: 14:30

Received (Lab): UPS 915

Date:

Time:

Comments/Special Instructions:

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (800) 220-3675 Fax: (856) 788-6974 Email: [westmontasbiab@EMSL.com](mailto: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: 11/19/10 9:20 AM  
EMSL Order: 041026816

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

EMSL Proj:  
Analysis Date: 11/19/2010

### 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
RRRN-10R 041026816-0001	RAILROAD RIGHT OF WAY 10 (REDO)	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
RRRN-11R 041026816-0002	RAILROAD RIGHT OF WAY 10 (REDO)	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
CP-18R 041026816-0003	CONCRETE PAD AREA 18 (REDO)	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

Initial report from 11/20/2010 08:03:16

Analyst(s)

Jerry Cherian (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):

0511026816

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

Company: <u>O'Reilly Tailor &amp; Co. Inc.</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 Kirchhefer</u>		Fax #:	
Telephone #: <u>413-531-1122</u>		Email Address: <u>Kirchhefer@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 <input type="checkbox"/> Purchase Order:			
Turnaround Time (TAT) Options* - Please Check		U.S. State Samples Taken: <u>MA</u>	
<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.			
<b>PCM - Air</b> <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA <b>PLM - Bulk (reporting limit)</b> <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <u>Quantitative</u> <input type="checkbox"/> PLM EPA NOB (<1%) <u>five</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%)		<b>TEM - Air</b> <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 <b>TEM - Bulk</b> <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 <b>TEM - Water: EPA 100.2</b> 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)		<b>Soil/Rock/Vermiculite</b> <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"/> 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 R. Streeter</u>	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
<u>RRRN-10R</u>	<u>Railroad Right of Way 10 (Redo)</u>		<u>11/18/10</u>
<u>RRRN-11R</u>	<u>" " " " (Redo)</u>		<u>11/18/10</u>
<u>CP-18R</u>	<u>Concrete pad Area 18 (Redo)</u>		<u>11/18/10</u>
			<u>11/19/10</u>
			<u>11/19/10</u>
			<u>11/19/10</u>
			<u>11/19/10</u>
			<u>11/19/10</u>
Client Sample # (s):		Total # of Samples: <u>3</u>	
Relinquished (Client): <u>Chris R. Streeter</u>		Date: <u>11/18/10</u>	Time: <u>14:15</u>
Received (Lab): <u>DNB-UPS 920A</u>		Date: <u>11/19/10</u>	Time:
Comments/Special Instructions:			



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (800) 220-3675 Fax: (856) 768-6974 Email: [westmontaslab@EMSL.com](mailto: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: 11/19/10 9:20 AM  
EMSL Order: 041026815

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

EMSL Proj:  
Analysis Date: 11/19/2010

### 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
PL-4 041026815-0001	PIPELINE 4 COMPOSITE	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Vermiculite and Soil are known problem matrices and negative results cannot be guaranteed. Additional analysis such as CARB 435 milling prep or ASTM Draft Soil Sieving is recommended for proper quantification of asbestos in vermiculite and soil.

Initial report from 11/19/2010 12:53:03

Analyst(s)

Leslie McCluskey (1)

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 TRADING

# Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

041026815

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

Company: <u>O'Reilly Tailcoat &amp; 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>292 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 #:	Email Address: <u>Kirchherr@OTO-ENV.com</u>
Telephone #: <u>413-531#-1122</u>		2118-01-02	
Project Name/Number: <u>W.R. Grace</u>		Purchase Order:	
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email		U.S. State Samples Taken: <u>MA</u>	
Turnaround Time (TAT) Options* - Please Check			
<input checked="" type="checkbox"/> 3 Hour <input 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.			
<b>PCM - Air</b> <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA <b>PLM - Bulk (reporting limit)</b> <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <u>Quantitative</u> <input type="checkbox"/> PLM EPA NOB (<1%) <u>five</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%)		<b>TEM - Air</b> <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 <b>TEM - Bulk</b> <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 <b>TEM - Water:</b> 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"/> Check For Positive Stop - Clearly Identify Homogenous Group		<b>TEM - Dust</b> <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) <b>Soil/Rock/Vermiculite</b> <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) <b>Other:</b>	
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>PK-4</u>	<u>Pipeline 4 Composite</u>		<u>11/19/10</u>
Client Sample # (s):		Total # of Samples: <u>1</u>	
Relinquished (Client): <u>Chris A. Streeter</u>		Date: <u>11/19/10</u>	
Received (Lab): <u>DMB-UPS-920A</u>		Time: <u>14:00</u>	
Comments/Special Instructions:		Date: <u>11.19.10</u>	
		Time:	

SAMPLES ACCEPTED



**Bayer, Danielle**

041026815

**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

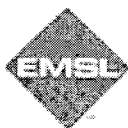
For the final report we add the following report comment

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) 788-6974 Email: westmontasbiab@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: 11/19/10 9:20 AM  
EMSL Order: 041026816

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

EMSL Proj:  
Analysis Date: 11/19/2010

### 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
RRRN-10R 041026816-0001	RAILROAD RIGHT OF WAY 10 (REDO)	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
RRRN-11R 041026816-0002	RAILROAD RIGHT OF WAY 10 (REDO)	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
CP-18R 041026816-0003	CONCRETE PAD AREA 18 (REDO)	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

Initial report from 11/20/2010 08:03:16

Analyst(s)

Jerry Cherian (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):

0511026816

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

Company: <u>O'Reilly Taket + OKan</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 <input type="checkbox"/> Purchase Order: _____			
Turnaround Time (TAT) Options* - Please Check		U.S. State Samples Taken: <u>MA</u>	
<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.			
<b>PCM - Air</b> <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA <b>PLM - Bulk (reporting limit)</b> <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <i>Quantitative</i> <input type="checkbox"/> PLM EPA NOB (<1%) <i>five</i> 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%)		<b>TEM - Air</b> <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 <b>TEM - Bulk</b> <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 <b>TEM - Water:</b> EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		<b>TEM - Dust</b> <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) <b>Soil/Rock/Vermiculite</b> <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) <b>Other:</b> _____	
<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>RRRN-10R</u>	<u>Railroad Right of Way 10 (Redo)</u>		<u>11/18/10</u>
<u>RRRN-11R</u>	<u>" " " " (Redo)</u>		<u>11/18/10</u>
<u>CP-18R</u>	<u>Concrete pad Area 18 (Redo)</u>		<u>11/18/10</u>
			<u>11/18/10</u>
			<u>11/18/10</u>
			<u>11/18/10</u>
			<u>11/18/10</u>
			<u>11/18/10</u>
Client Sample # (s): _____		Total # of Samples: <u>3</u>	
Relinquished (Client): <u>Chris A. Streeter</u> Date: <u>11/18/10</u>		Time: <u>14:15</u>	
Received (Lab): <u>DNB-UPS 920A</u> Date: <u>11/19/10</u>		Time: _____	
Comments/Special Instructions: _____			