NYC 9/11 Public Portal Document

EMSL Analytical, Inc.
307 West 38th Street, New York, NY 10018
(212) 290-0051

Attn: **TRC Environmental Consultants**
1430 Broadway, 10th Floor
New York, NY 10018

Fax: (212) 221-7840 Phone: (212) 221-7822
Project: **LMDC/ URS/ 130 LIBERTY**

Customer ID: TRCE51
Customer PO:
Received: 06/18/05 10:26 AI
EMSL Order: 030516707
EMSL Proj: 130 Liberty Street

Report Date: 6/21/2005

Asbestos Analysis of Bulk Material

Sample Description	Test	Analyzed Date	Color	Non Asbestos Fibrous	Non Asbestos Non-Fibrous	Asbestos	Comments
008 *030516707-0008*	**PLM NYS 198.1 Friable**	6/20/2005	Brown	17.60% Min. Wool 24.90% Cellulose	57.5%	**None Detected**	
	PLM NYS 198.1 NOB				N/A		Not Analyzed
FIREPROOFING/ H-2	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
009 *030516707-0009*	**PLM NYS 198.1 Friable**	6/20/2005	Brown	14.30% Min. Wool 29.40% Cellulose	56.3%	**None Detected**	
	PLM NYS 198.1 NOB				N/A		Not Analyzed
FIREPROOFING/ H-2	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
010 *030516707-0010*	**PLM NYS 198.1 Friable**	6/20/2005	Brown	12.90% Min. Wool 24.30% Cellulose	62.8%	**None Detected**	
	PLM NYS 198.1 NOB				N/A		Not Analyzed
FIREPROOFING/ H-5	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
011 *030516707-0011*	**PLM NYS 198.1 Friable**	6/20/2005	Brown	18.50% Min. Wool 22.70% Cellulose	58.8%	**None Detected**	
	PLM NYS 198.1 NOB				N/A		Not Analyzed
FIREPROOFING/ H-5	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
012 *030516707-0012*	**PLM NYS 198.1 Friable**	6/20/2005	Brown	13.10% Min. Wool 25.20% Cellulose	61.7%	**None Detected**	
	PLM NYS 198.1 NOB				N/A		Not Analyzed
FIREPROOFING/ H-5	**TEM NYS 198.4 NOB**				N/A		Not Analyzed
013 *030516707-0013*	**PLM NYS 198.1 Friable**						Not Analyzed
	PLM NYS 198.1 NOB	6/20/2005	Gray/Green		N/A	**Inconclusive: None Detected**	
ALUMINUM COVER CAULKING/ F-1	**TEM NYS 198.4 NOB**	6/20/2005	Gray/Green		N/A	1.5% Chrysotile **1.5% Total**	
014 *030516707-0014*	**PLM NYS 198.1 Friable**						Not Analyzed
	PLM NYS 198.1 NOB	6/20/2005	Green		N/A	**Inconclusive: None Detected**	
ALUMINUM COVER CAULKING/ F-1	**TEM NYS 198.4 NOB**	6/20/2005	Green		N/A	1.6% Chrysotile **1.6% Total**	

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Asbestos Analysis of Bulk Material

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015	**PLM NYS 198.1 Friable**						Not Analyzed
030516707-0015	**PLM NYS 198.1 NOB**	6/20/2005	Green		N/A	**Inconclusive: None Detected**	
ALUMINUM COVER CAULKING/ F-1	**TEM NYS 198.4 NOB**	6/20/2005	Green		N/A	1.5% Chrysotile	
						1.5% Total	
016	**PLM NYS 198.1 Friable**						Not Analyzed
030516707-0016	**PLM NYS 198.1 NOB**	6/20/2005	Gray		N/A	**Inconclusive: None Detected**	
ALUMINUM COVER CAULKING/ G-1	**TEM NYS 198.4 NOB**	6/20/2005	Gray		N/A	1.5% Chrysotile	
						1.5% Total	
017	**PLM NYS 198.1 Friable**						Not Analyzed
030516707-0017	**PLM NYS 198.1 NOB**	6/20/2005	Green		N/A	**Inconclusive: None Detected**	
ALUMINUM COVER CAULKING/ G-1	**TEM NYS 198.4 NOB**	6/20/2005	Green		N/A	2.2% Chrysotile	
						2.2% Total	
018	**PLM NYS 198.1 Friable**						Not Analyzed
030516707-0018	**PLM NYS 198.1 NOB**	6/20/2005	Gray		N/A	**Inconclusive: None Detected**	
ALUMINUM COVER CAULKING/ G-1	**TEM NYS 198.4 NOB**	6/20/2005	Gray		N/A	2.0% Chrysotile	
						2.0% Total	
019	**PLM NYS 198.1 Friable**						Not Analyzed
030516707-0019	**PLM NYS 198.1 NOB**	6/20/2005	Gray		N/A	**Inconclusive: None Detected**	
ALUMINUM COVER CAULKING/ H-2	**TEM NYS 198.4 NOB**	6/20/2005	Gray		N/A	2.3% Chrysotile	
						2.3% Total	
020	**PLM NYS 198.1 Friable**						Not Analyzed
030516707-0020	**PLM NYS 198.1 NOB**	6/20/2005	Green		N/A	**Inconclusive: None Detected**	
ALUMINUM COVER CAULKING/ H-2	**TEM NYS 198.4 NOB**	6/20/2005	Green		N/A	1.7% Chrysotile	
						1.7% Total	
021	**PLM NYS 198.1 Friable**						Not Analyzed
030516707-0021	**PLM NYS 198.1 NOB**	6/20/2005	Gray		N/A	**Inconclusive: None Detected**	
ALUMINUM COVER CAULKING/ H-2	**TEM NYS 198.4 NOB**	6/20/2005	Gray		N/A	1.6% Chrysotile	
						1.6% Total	

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Asbestos Analysis of Bulk Material

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022	**PLM NYS 198.1 Friable**						Not Analyzed
030516707-0022	**PLM NYS 198.1 NOB**	6/20/2005	Green/Gray		N/A	**Inconclusive: None Detected**	
ALUMINUM COVER CAULKING/ H-5	**TEM NYS 198.4 NOB**	6/20/2005	Green/Gray		N/A	1.5% Chrysotile	
						1.5% Total	
023	**PLM NYS 198.1 Friable**						Not Analyzed
030516707-0023	**PLM NYS 198.1 NOB**	6/20/2005	Green/Gray		N/A	**Inconclusive: None Detected**	
ALUMINUM COVER CAULKING/ H-5	**TEM NYS 198.4 NOB**	6/20/2005	Green/Gray		N/A	3.1% Chrysotile	
						3.1% Total	
024	**PLM NYS 198.1 Friable**						Not Analyzed
030516707-0024	**PLM NYS 198.1 NOB**	6/20/2005	Green/Gray		N/A	**Inconclusive: None Detected**	
ALUMINUM COVER CAULKING/ H-5	**TEM NYS 198.4 NOB**	6/20/2005	Green/Gray		N/A	4.1% Chrysotile	
						4.1% Total	

NOB = Non Friable Organically Bound
N/A = Not Applicable

Analyst(s)

Aline Fontaine
Marik Peysakhov



Jose Arriaga
or other approved signatory

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ACCREDITATIONS: NVLAP #101048-9 and NY STATE ELAP #11506

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