

**EMSL Analytical, Inc.**

307 West 38th Street, New York, NY 10018

Phone: (212) 290-0051 Fax: (212) 290-0058 Email: manhattanlab@emsl.com

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

Customer ID: TRCE51
 Customer PO: 12040
 Received: 06/04/09 12:58 AM
 EMSL Order: 030913828

Fax: (212) 221-7840 Phone: (212) 221-7822
 Project: 116146-0000-0000-00006/ LOWER MANHATTAN
 DEVELOPMENT CORPORATION/ 130 LIBERTY STREET/
 NEW YORK, NY/ CELLAR - A/ 2ND SHIFT

EMSL Proj: 130 Liberty Street
 Analysis Date: 6/4/2009

**Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3,
 Issue 2, 8/15/94**

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
P-06/03/09-481 030913828-0001	OWA CELLAR A, CRITICAL BARRIER ACROSS FROM STORAGE	6/3/2009	1231.00	6.5	100	0.002	8.28	0.003	
P-06/03/09-482 030913828-0002	OWA CELLAR A, CRITICAL BARRIER EAST OF STAIRWELL A	6/3/2009	1231.00	<5.5	100	0.002	<7.0	<0.002	
P-06/03/09-483 030913828-0003	OWA SERVICE ELEVATOR, CELLAR A	6/3/2009	1235.00	<5.5	100	0.002	<7.0	<0.002	
P-06/03/09-484 030913828-0004	OWA STAIR A, CELLAR A	6/3/2009	1238.00	<5.5	100	0.002	<7.0	<0.002	
P-06/03/09-485 030913828-0005	OWA CELLAR A, OUTSIDE WASTE DECON	6/3/2009	1238.00	<5.5	100	0.002	<7.0	<0.002	
P-06/03/09-486 030913828-0006	OWA CELLAR A, INSIDE WASTE DECON	6/3/2009	1238.00	<5.5	100	0.002	<7.0	<0.002	
P-06/03/09-487 030913828-0007	OWA CELLAR A BETWEEN STAIRWELLS	6/3/2009	1241.00	<5.5	100	0.002	<7.0	<0.002	
P-06/03/09-488 030913828-0008	OWA ENTRANCE TO STAIRWELL B	6/3/2009	1241.00	<5.5	100	0.002	<7.0	<0.002	

Analyst(s)

Gerald Iannuzzi (18)

James Hall, Laboratory Manager
 or other approved signatory

Limit of detection is 7 fibers/mm². Interlaboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL. Results have been blank corrected as applicable. Samples received in good condition unless otherwise noted.
 NYS ELAP 11508, AIHA IHLAP 102581

Test Report PCM-7.12.0 Printed: 6/4/2009 2:49:57 AM

1

**EMSL Analytical, Inc.**

307 West 38th Street, New York, NY 10018

Phone: (212) 290-0051 Fax: (212) 290-0058 Email: manhattanlab@emsl.com

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

Customer ID: TRCE51
 Customer PO: 12040
 Received: 06/04/09 12:58 AM
 EMSL Order: 030913828

Fax: (212) 221-7840 Phone: (212) 221-7822
 Project: 116146-0000-0000-00006/ LOWER MANHATTAN
 DEVELOPMENT CORPORATION/ 130 LIBERTY STREET/
 NEW YORK, NY/ CELLAR - A/ 2ND SHIFT

EMSL Proj: 130 Liberty Street
 Analysis Date: 6/4/2009

Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3,
Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ²	Fibers/ cc	Notes
P-06/03/09-489 030913828-0009	OWA CELLAR A, ELECTRICAL ROOM	6/3/2009	1241.00	<5.5	100	0.002	<7.0	<0.002	
P-06/03/09-490 030913828-0010	OWA PATHWAY TO NORTH HOIST	6/3/2009	1241.00	<5.5	100	0.002	<7.0	<0.002	
P-06/03/09-491 030913828-0011	OWA CELLAR A, COIN VAULT	6/3/2009	1241.00	<5.5	100	0.002	<7.0	<0.002	
P-06/03/09-492 030913828-0012	OWA 10' NORTH OF STAIRWELL B ENTRANCE	6/3/2009	1245.00	<5.5	100	0.002	<7.0	<0.002	
P-06/03/09-493 030913828-0013	OWA OUTSIDE CELLAR A, BANK 1	6/3/2009	1330.00	<5.5	100	0.002	<7.0	<0.002	
P-06/03/09-494 030913828-0014	OWA OUTSIDE CELLAR A, BANK 2	6/3/2009	1320.00	<5.5	100	0.002	<7.0	<0.002	
P-06/03/09-495 030913828-0015	OWA FDNY DOOR	6/3/2009	1324.00	<5.5	100	0.002	<7.0	<0.002	
P-06/03/09-496 030913828-0016	OWA CELLAR A, CRITICAL BARRIER	6/3/2009	1334.00	<5.5	100	0.002	<7.0	<0.002	
P-06/03/09-497 030913828-0017	FIELD BLANK	6/3/2009		<5.5	100		<7.0		Field Blank
P-06/03/09-498 030913828-0018	FIELD BLANK	6/3/2009		<5.5	100		<7.0		Field Blank

Analyst(s)

Gerald Iannuzzi (18)

James Hall, Laboratory Manager
 or other approved signatory

Limit of detection is 7 fibers/mm². Interlaboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL. Results have been blank corrected as applicable. Samples received in good condition unless otherwise noted.
 NYS ELAP 11506, AIHA IHLAP 102581

Test Report PCM-7.12.0 Printed: 6/4/2009 2:49:57 AM

2

CITY_DEP_WORBY_CANNATA_SUBP_000130691

**EMSL Analytical, Inc.**

307 West 38th Street, New York, NY 10018

Phone: (212) 290-0051 Fax: (212) 290-0058 Email: manhattanlab@emsl.com

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

Customer ID: TRCE51
 Customer PO: 12040
 Received: 06/04/09 12:58 AM
 EMSL Order: 030913828

Fax: (212) 221-7840 Phone: (212) 221-7822
 Project: 116146-0000-0000-00006/ LOWER MANHATTAN
 DEVELOPMENT CORPORATION/ 130 LIBERTY STREET/
 NEW YORK, NY/ CELLAR - A/ 2ND SHIFT

EMSL Proj: 130 Liberty Street
 Analysis Date: 6/4/2009

**Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3,
 Issue 2, 8/15/94**

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm ³	Fibers/ cc	Notes
--------	----------	-------------	--------------------	--------	--------	-----------------	----------------------------	---------------	-------

The results reported have been blank corrected as applicable.

Analyst(s)

Gerald Iannuzzi (18)

James Hall, Laboratory Manager
 or other approved signatory

Limit of detection is 7 fibers/mm³. Interlaboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report relates only to the samples reported above. This report may not be reproduced, except in full, without written approval by EMSL. Results have been blank corrected as applicable. Samples received in good condition unless otherwise noted.
 NYS ELAP 11506, AIHA IHLAP 102581

Test Report PCM-7.12.0 Printed: 6/4/2009 2:49:58 AM

THIS IS THE LAST PAGE OF THE REPORT.

3

CITY_DEP_WORBY_CANNATA_SUBP_000130692