

**EMSL Analytical, Inc.**

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EMSL Order: 031218030
 CustomerID: HILL50
 CustomerPO: A4-5600
 ProjectID:

Attn: **Hillmann Consulting, LLC**
1600 Route 22 East
Union, NJ 07083

Phone: (908) 688-7800
 Fax:
 Received: 06/11/12 6:01 PM
 Analysis Date: 6/11/2012
 Collected: 6/11/2012

Project: **A4-5600/ TISHMAN/ 30 ROCK CTR 41ST FLOOR DUCT SHAFT NYC/ AIR QUALITY**

Test Report: 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
01 031218030-0001	OWA/ ADJ TO ENTRY TO W/A	6/11/2012	1440.00	41.5	100	0.002	52.9	0.014	
02 031218030-0002	IWA/ ADJ TO DUCT SHAFT	6/11/2012	1440.00	31	100	0.002	39.5	0.011	
03 031218030-0003	OWA/ ADJ TO ENTRY TO W/A	6/11/2012	1440.00	39.5	100	0.002	50.3	0.013	
04 031218030-0004	IWA/ ADJ TO DUCT SHAFT	6/11/2012	1440.00	45.5	100	0.002	58.0	0.016	
05 031218030-0005	OWA/ ADJ TO ENTRY TO W/A	6/11/2012	1440.00	37.5	100	0.002	47.8	0.013	
06 031218030-0006	IWA/ ADJ TO DUCT SHAFT	6/11/2012	1440.00	40	100	0.002	51.0	0.014	Heavy Particulate
F/B 07 031218030-0007	FIELD BLANK	6/11/2012		<5.5	100		<7.01		Field Blank
F/B 08 031218030-0008	FIELD BLANK	6/11/2012		<5.5	100		<7.01		Field Blank

The results reported have been blank corrected as applicable.

Analyst(s)

Wioletta Bis (8)

James Hall, Laboratory Manager
 or other approved signatory

Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.40, 21-50 fibers = 0.27, 51-100 fibers = 0.24. Inter-laboratory Sr values (Average of EMSL round robin data) = 0.29. 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. The test results contained within this report meet the requirements of NELAP unless otherwise noted. Results have been blank corrected as applicable. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. New York, NY AIHA-LAP, LLC-IHLAP Lab 102581, NYS ELAP 11506, NJ NY022, CT PH-0170, MA AA000170

Initial report from 06/12/2012 03:06:40

Test Report PCM-7.22.0 Printed: 6/12/2012 3:06:49 AM

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