

ATC Associates

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Attn: Mr. Andrew Gasparro
JLC Environmental Consultants, INC.

Received: 4/4/03 12:30:00 PM
ATC Group #: 9620
Analysis Date: 4/4/03

Fax: (212) 420-6092 Phone: (212) 420-8119

Project: DEP Project #: 03-2744
114 Liberty Street, New York, NY

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed
by EPA 40 CFR Part 763 Final Rule (AHERA/MODIFIED AHERA)**

Sample	Volum	Area Analyzed	Non Asb	Asbestos Type(s)	# Structures 0.5µ-5 µ	Analytical Sensitivity (S/cc)	Total Asbestos Concentration (S/mm ²)	Asbestos Concentration (S/cc)	Asbestos Concentration (S > 5µ/cc)
01 9620 -1	3650.40	0.2360	0	AMOSITE	0 1	0.0004	4.24	0.0004	0.0004
02 9620 -2	3650.40	0.2360	0	None Detected	0 0	0.0004	<4.24	<0.0004	< 0.0004
03 9620 -3	3650.40	0.2360	0	AMOSITE	0 1	0.0004	4.24	0.0004	0.0004
04 9620 -4	3650.40	0.2360	0	CHRYSTOLE	1 0	0.0004	4.24	0.0004	< 0.0004
05 9620 -5	3650.40	0.2360	0	None Detected	0 0	0.0004	<4.24	<0.0004	< 0.0004

ROMAN PEYSAKHGV

Analyzed by:

MILENA LOWD

Approved by:

Disclaimer: The laboratory is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm². This report may not be reproduced, except in full, without written approval by ATC Associates Inc. This report may not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysis accuracy and precision) is available upon request.

Accredited to: NVLAP PLM/TEM #101187-0, NY State ELAP #10879

Friday, April 04, 2003

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CITY_DEP_WORBY_CANNATA_SUBP_000006013

NYC-WTC_000186849



PURCHASE ORDER REQUISITION

Vendor: ATC
Address: 104 E 25th St, 10th Fl
City: Amc State: _____ Zip: _____ Email: _____
Contact: Molina Phone: () _____ Fax: () _____
Project No. 03-2744 NU DEP
Reason for PO: TFM

[illegible]

Date: 4/4/03

Date: 4/4/03

Date Issued: 4/4/03

200 Park Ave South, Suite 1001 New York, New York 10003 • Tel: (212) 420-8119 • Fax: (212) 420-6092

ATC J. Davids JB 4/4/03 12:30 per

04/04/2003 16:34 2123533599

0304H-129

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ENT: DE-PPROJECT NUMBER: 03-2744-0000E: 114 LIBERTY ST NY, NYPROJECT MANAGER: M N KHANTECHNICIAN: JULIUS OZEMENA SIGNATURE: FCCZEMMSDATE 04, 03, 03

TE COPY = PROJECT MANAGER

LOW COPY = LABORATORY

9620

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SAMPLE INFORMATION

SAMPLE I.D.	DESCRIPTION / LOCATION	TIME (military)		FLOW RATE		VOLUME (l)	FIBERS/ FIELD	RESULTS (f/cc)
		start/ end	min	start/ end	l/min			
SAMPLE # <u>01</u> LAB # <u>010099</u> PUMP #	<u>PIZZERIA ON LIBERTY</u> <u>Street, OWA</u>	<u>0720</u> <u>1720</u>	<u>600</u>	<u>06</u> <u>06</u>	<u>06</u>	<u>36504</u>	<u>15</u> <u>100</u>	<u>0.0020</u>
SAMPLE # <u>02</u> LAB # <u>010300</u> PUMP #	<u>Miami Sub on Liberty</u> <u>Street, OWA</u>	<u>0722</u> <u>1722</u>	<u>600</u>	<u>06</u> <u>06</u>	<u>06</u>	<u>36504</u>	<u>4</u> <u>100</u>	<u>0.0005</u>
SAMPLE # <u>03</u> LAB # <u>010301</u> PUMP #	<u>Next to the decon</u> <u>on Liberty street, OWA</u>	<u>0724</u> <u>1724</u>	<u>600</u>	<u>06</u> <u>06</u>	<u>06</u>	<u>36504</u>	<u>5</u> <u>100</u>	<u>0.0007</u>
SAMPLE # <u>04</u> LAB # <u>010302</u> PUMP #	<u>Decon on Cedaris</u> <u>Street</u>	<u>0726</u> <u>1726</u>	<u>600</u>	<u>06</u> <u>06</u>	<u>06</u>	<u>36504</u>	<u>17</u> <u>100</u>	<u>0.0023</u>
SAMPLE # <u>05</u> LAB # <u>010303</u> PUMP #	<u>Entrance into the work</u> <u>area on Cedaris Street</u>	<u>0727</u> <u>1727</u>	<u>600</u>	<u>06</u> <u>06</u>	<u>06</u>	<u>36504</u>	<u>6</u> <u>100</u>	<u>0.0008</u>
SAMPLE # <u>06</u> LAB # <u>010304</u> PUMP #	<u>FIELD BLANK</u>	X		X		X		<u>0</u> <u>100</u> FB
SAMPLE # <u>07</u> LAB # <u>010305</u> PUMP #	<u>FIELD BLANK</u>							<u>0</u> <u>100</u> FB

TECHNICAL LOG

CASSETTE	ROTOMETER	TURNAROUND TIME	TYPE		RESULTS TO
☐ PCM (0.8 MICRON MCE)	ID# <u>HEK112</u>	☐ 2 HRS ☐ 24 HRS	☐ PRE-ABATE	☐ OSHA	NAME _____
☒ TEM (0.45 MICRON MCE)	C.F. <u>1.014</u>	☐ 4 HRS ☐ 48 HRS	☒ DURING	☐ ENVIRON	PH/PCR#() _____
LOT # _____	CALIB. DATE: <u>16/03</u>	☐ 6 HRS ☒ OTHER/DN	☐ POST-ABATE	☐ AMBIENT	DATE / / TIME _____

RELINQUISHED BY: (print) <u>JULIUS OZEMENA</u>		(sign) <u>FCCZEMMS</u>	DATE	TIME
RECEIVED BY: (print) <u>TM</u>		(sign) <u>TM</u>	<u>4/4/03</u>	<u>1800</u>
RELINQUISHED BY: (print) _____		(sign) _____	_____	_____
RECEIVED BY: (print) <u>ATC J. David</u>		(sign) <u>ATC</u>	<u>4/4/03</u>	<u>12:30pm</u>
ENTERED BY: (print) _____		(sign) _____	_____	_____
CORRECTED BY: (print) _____		(sign) _____	_____	_____

LAB INFORMATION

LAB NAME: <u>702</u>	METHODOLOGY	MICROSCOPE/SERIAL #	COMMENTS
ANALYZED BY: <u>TM</u>	☐ PCM - NIOSH 7400.A	☐ OLYMPUS BH2/204104	
DATE: <u>4/4/03</u> TIME: _____	☐ TEM - AHERA	☐ OLYMPUS CHS7C0021	
QC BY: _____ DATE: _____	☐ TEM - EPA LEVEL II		