********** -IND. XMT JOURNAL- ********** DATE APR-04-2003 ***** TIME 11:13 *********

DATE/TIME = APR-04-2003 11:11

JOURNAL No. = 03

COMM.RESULT = OK

PAGE(S) = 006

DURATION = 00:02'17

FILE No. =

MODE = TRANSMISSION

DESTINATION = 912126374360-

RECEIVED ID = / 2126374360

RESOLUTION = STD

-NYCDEP BANHM ASB/LEAD TRU-

********** - - ***** - 718 595 3648- **********

ATC Associates Inc.
104 East 25 Street
New York, NY 10010
TEL: (212) 353-8280 FAX: (212) 353-8306

FACSIMILE TELECOPY TRANSMISSION

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

Fax #: (212) 420-6092 (718) 353-3744

Date: Thursday, April 03, 2003

Time: 4:28:04 PM

Comments:

From: ROMAN PEYSAKHOV

ATC Group #: 9610

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

Number of Pages: 3
(including cover page)

ATC Associates
104 East 25 Street, New York, NY 10010
Phone: (212) 353-8280 Fax: (212) 353-8306

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

Received: 4/3/03 10:50:00 AM
ATC Group #: 9610
Analysis Date: 4/3/03

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*	*5µ*	*Analytical Sensitivity (S/cc)*	*Total Asbestos Concentration (S/mm²)*	*(S/cc)*	*Asbestos Concentration (S > 5µ/cc)*
01 *9610 -1*	3600.00	0.2473	0	None Detected	0	0	0.0004	<4.04	<0.0004	< 0.0004
02 *9610 -2*	3600.00	0.2473	0	None Detected	0	0	0.0004	<4.04	<0.0004	< 0.0004
03 *9610 -3*	3600.00	0.2473	0	None Detected	0	0	0.0004	<4.04	<0.0004	< 0.0004
04 *9610 -4*	3600.00	0.2473	0	None Detected	0	0	0.0004	<4.04	<0.0004	< 0.0004
05 *9610 -5*	3600.00	0.2473	0	None Detected	0	0	0.0004	<4.04	<0.0004	< 0.0004

ROMAN PEYSAKHOV
Analyzed by:

MILENA LOWD
Approved by:

JLC ENVIRONMENTAL CONSULTANTS, INC. 0304A-718 — AIR SAMPLE LOG

CLIENT: NYC DEP PROJECT NUMBER: 03-2744-

SITE: 114 LIBERTY STREET, MANHATTAN PROJECT MANAGER: M. N. KHAN

TECHNICIAN: K. B. KWENDE SIGNATURE: [signature] DATE: 04/02/03

WHITE COPY = PROJECT MANAGER
YELLOW COPY = LABORATORY

114 LIBERTY STREET 9810 PAGE 01 OF 01

SAMPLE INFORMATION

SAMPLE I.D.	DESCRIPTION / LOCATION	TIME (military) start/end	TIME min	FLOW RATE start/end	FLOW RATE l/m	VOLUME (l)	FIBERS/FIELD	RESULTS (f/cc)
SAMPLE # 01 FIELD # LAB # PUMP # 010110	DURING/114 LIBERTY STREET OWA/CEDAR STREET SIDEWALK AT DUCK ENTRANCE	08:00 / 18:00	600 / ~~604.8~~	06 / 06	06	604.8	1/100	0.0008 < LOD
SAMPLE # 02 FIELD # LAB # 010111 PUMP #	DURING/114 LIBERTY STREET OWA/CLEAN ROOM OF PERSONNEL DECON	08:01 / 18:01	600 / ~~604.8~~	06 / 06	06	604.8	2/100	0.0016 < LOD
SAMPLE # 03 FIELD # LAB # 010112 PUMP #	DURING/114 LIBERTY STREET OWA/INSIDE RESTAURANT NEAR DUCK ENTRANCE	08:02 / 18:02	600 / ~~604.8~~	06 / 06	06	604.8	2/100	0.0016 < LOD
SAMPLE # 04 FIELD # LAB # 010113 PUMP #	DURING/114 LIBERTY STREET OWA/INSIDE STAIRWELL TO BASEMENT	08:03 / 18:03	600 / ~~604.8~~	06 / 0.6	06	604.8	3/100	0.0024 < LOD
SAMPLE # 05 FIELD # LAB # 010114 PUMP #	DURING/114 LIBERTY STREET OWA/LIBERTY STREET SIDE WALL AT 114 ENTRANCE	08:04 / 18:04	600 / ~~604.8~~	06 / 06	06	604.8	2/100	0.0016 < LOD
SAMPLE # 06 FIELD # LAB # 010115	FIELD BLANK						0/100	FB
SAMPLE # 07 FIELD # LAB # 010116	FIELD BLANK						0/100	FB

TECHNICIAN'S LOG

CASSETTE	ROTOMETER	TURNAROUND TIME	TYPE	RESULTS TO
☐ PCM (0.8 MICRON MCE)	ID# HFR-103	☐ 2 HRS ☐ 24 HRS	☐ PRE-ABATE ☐ OSHA	NAME PENNY
☒ TEM (0.45 MICRON MCE)	C.F. 1.008	☐ 4 HRS ☐ 48 HRS	☒ DURING ☐ ENVIRON	PH/PGR# (718) 554-3764
LOT #	CALIB. DATE 4/1/03	☐ 6 HRS ☐ OTHER 10	☐ POST-ABATE ☐ AMBIENT	DATE / / TIME

CHAIN OF CUSTODY

		DATE	TIME
RELINQUISHED BY:(print) K. B. KWENDE	(sign) [signature]	04/02/03	18:40
RECEIVED BY:(print) TM	(sign) TM	4/3/03	
RELINQUISHED BY:(print)	(sign)	/ /	
RECEIVED BY:(print) ATC TECH LOG	(sign) [signature]	4/03/03	10:50
ENTERED BY:(print)	(sign)	/ /	
CORRECTED BY:(print)	(sign)	/ /	

LAB INFORMATION

	METHODOLOGY	MICROSCOPE/SERIAL #	COMMENTS
LAB NAME: JLC	☐ PCM - NIOSH 7400.A	☐ OLYMPUS BH2/204104	
ANALYZED BY: TM	☐ TEM - AHERA	☐ OLYMPUS CHS/7C0021	
DATE: 4/03/03 TIME:	☐ TEM - EPA LEVEL II		
QC BY: DATE:			

JLC ENVIRONMENTAL CONSULTANTS, INC. 0304A-718 AIR SAMPLE LOG

CLIENT: NYC DEP PROJECT NUMBER: 03-2744

SITE: 114 LIBERTY STREET, MANHATTAN PROJECT MANAGER: M. N. KHAN

TECHNICIAN: K. B. KWENDE SIGNATURE: [signature] DATE: 04/02/03

WHITE COPY = PROJECT MANAGER
YELLOW COPY = LABORATORY

PAGE 01 OF 01

114 LIBERTY STREET 9610

SAMPLE INFORMATION

SAMPLE I.D.	DESCRIPTION / LOCATION	TIME (military) start/end	TIME (military) min	FLOW RATE start/end	FLOW RATE l/m	VOLUME (l)	FIBERS/ FIELD	RESULTS (f/cc)
SAMPLE # 01 FIELD # LAB # PUMP # 010110	DURING/114 LIBERTY STREET OWA/CEDAR STREET SIDEWALK AT DOCK ENTRANCE	08:00 / 18:00	600	06 / 06	06	3629	1 / 100	0.0008 <LOD
SAMPLE # 02 FIELD # LAB # PUMP # 010111	DURING/114 LIBERTY STREET OWA/CLEAN ROOM OF PERSONNEL DECON	08:01 / 18:01	600	06 / 06	06	3629	2 / 100	0.0016 <LOD
SAMPLE # 03 FIELD # LAB # 010112 PUMP #	DURING/114 LIBERTY STREET OWA/INSIDE RESTAURANT NEAR DOCK ENTRANCE	08:02 / 18:02	600	06 / 06	06	3629	2 / 100	0.0016 <LOD
SAMPLE # 04 FIELD # LAB # 010113 PUMP #	DURING/114 LIBERTY STREET OWA/INSIDE STAIRWELL TO BASEMENT.	08:03 / 18:03	600	06 / 06	06	3629	3 / 100	0.0024 <LOD
SAMPLE # 05 FIELD # LAB # 010114 PUMP #	DURING/114 LIBERTY STREET OWA/LIBERTY STREET SIDE DOOR AT 114 ENTRANCE	08:04 / 18:04	600	06 / 06	06	3629	2 / 100	0.0016 <LOD
SAMPLE # 06 FIELD # LAB # 010115	FIELD BLANK						0 / 100	FB
SAMPLE # 07 FIELD # LAB # 010116	FIELD BLANK						0 / 100	FB

TECHNICIAN'S LOG

CASSETTE	ROTOMETER	TURNAROUND TIME	TYPE	RESULTS TO
☐ PCM (0.8 MICRON MCE) ☒ TEM (0.45 MICRON MCE) LOT #	ID# HFR-103 C.F. 1.0008 CALIB. DATE: 1/31/03	☐ 2 HRS ☐ 24 HRS ☐ 4 HRS ☐ 48 HRS ☐ 6 HRS ☐ OTHER 10	☐ PRE-ABATE ☐ OSHA ☒ CURING ☐ ENVIRON ☐ POST-ABATE ☐ AMBIENT	NAME: PENNY PH/FGR#: (718) 596-3744 DATE: / / TIME:

CHAIN OF CUSTODY

		DATE	TIME
RELINQUISHED BY:(print) K. B. KWENDE	(sign) [signature]	04/02/03	18:40
RECEIVED BY:(print) TM	(sign) TM	4/3/03	
RELINQUISHED BY:(print)	(sign)	/ /	
RECEIVED BY:(print) HTC TECHLAB	(sign) [signature]	4/03/03	10:50
ENTERED BY:(print)	(sign)	/ /	
CORRECTED BY:(print)	(sign)	/ /	

LAB INFORMATION

	METHODOLOGY	MICROSCOPE/SERIAL #	COMMENTS:
LAB NAME: JLC	☐ PCM - NIOSH 7400.A	☐ OLYMPUS BH2/204104	
ANALYZED BY: TM	☐ TEM - AHERA	☐ OLYMPUS CHS/7C0021	
DATE: 4/03/03 TIME:	☐ TEM - EPA LEVEL II		
QC BY: DATE:			

JLC ENVIRONMENTAL CONSULTANTS, INC.
200 Park Avenue South, Suite 1001, New York, New York 10003
Phone: (212) 420-8119 Fax: (212) 420-6092

New York City D.E.P.
59-17 Junction Blvd.
Flushing, NY 11373

ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
NVLAP Lab Code: 101953

Project No.:	03-2744
Analyte:	LEAD/ WIPE
Date Collected	3/29/2003
Date Received:	3/30/2003
Date Analyzed:	3/30/2003
Batch #:	0303L410

Site: **114 Liberty Street, 12th Floor, New York, NY**

SUMMARY OF ANALYTICAL RESULTS - DUST WIPE

Sample # Lab # Client's Sample	Description/ Location	Area in Inches (L x W)	Lead Concentration (ug/ft2)
29 3440 29	Lead Wipe/ 3rd Floor/ Kitchen/ Counter Top	12x12	<9
30 3441 30	Lead Wipe/ 3rd Floor/ South West Bathroom/ West Wall/ Lower Left	12x12	<9
31 3442 31	FIELD BLANK		<9/ Wipe
32 3443 32	FIELD BLANK		<9/ Wipe

Sample Analysis By:

Atomic Absorption Spectrometry (AAS) using an air-acetylene flame with background correction.

Method of Sample Preparation and Analysis

All samples were prepared and analyzed in accordance with the HUD "Guidelines for the Evaluation and Control of Lead Based Paint Hazardous in Housing" Appendix 14.2 and the Environmental Protection Agency Method EPA SW846-3050/7420.

Gulam Machhiwala
Laboratory Director

Collected By: Peter Koslowsky
Analyzed By: Madell Collins

Minimum Dectection Limit = <20 ug/ft2

HUD "Guidelines for the Evaluation and Control of Lead-Based Paint Hazardous in Housing" 06/95; define the clearance standards, based on wipe sampling are: *40 ug/ft2 for floors; *250 ug/ft2 for interior window sills; *400 ug/ft2 for window and exterior concrete or other rough

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ELAP Lab Code: 11029
NIOSH and AIHA Lab Code: 100273
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Project No.:	03-2744
Analyte:	LEAD/ WIPE
Date Collected	3/29/2003
Date Received:	3/30/2003
Date Analyzed:	3/30/2003
Batch #:	0303L410

Site: **114 Liberty Street, 12th Floor, New York, NY**

SUMMARY OF ANALYTICAL RESULTS - DUST WIPE

Sample # Lab # Client's Sample	Description/ Location	Area in Inches (L x W)	Lead Concentration (ug/ft2)
33 3444 33	FIELD BLANK		<9/ Wipe

Sample Analysis By:
Atomic Absorption Spectrometry (AAS) using an air-acetylene flame with background correction.

Method of Sample Preparation and Analysis

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Collected By: Peter Koslowsky
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