

***** -IND. XMT JOURNAL- ***** DATE MAR-18-2003 ***** TIME 10:47 *****

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FACSIMILE TELECOPY TRANSMISSION

To: Mary Kate Kiokeary
JLC Environmental Consultants
Fax #: (212) 420-6092 (718) 595-3744

From: Roman Peysakhov
SCILAB Job#: 203032509
Subject: AHERA Protocol 24 hour Results
Client Project: 03-2744: NYC DEP: 114 Liberty
St. - (During)

Date: Monday, March 17, 2003Time: 19:34:56

Comments:

Number of Pages: 3
(including cover sheet)

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SciLab Job #: 203032509

Client Name: ILC Environmental Consultants

Table I
Summary of Transmission Electron Microscopy (TEM) Results for Asbestos (air)
03-2744; NYC DEP; 114 Liberty St - (During)

SciLab Sample #	Client Sample #	Dilution Factor	Air Filtered (liters)	Area Analyzed (sq. mm.)	Area * Analytical Sensitivity (struc/cc air)	Asbestos Structures Detected (Microns)			Structure Density (struc/sq. mm.)	Structure Concentration (struc/cc air)	Type of Asbestos
						0.5-5.0	>5.0	Total	Total	Total	
01	01/007685		3600	.12	0.0009	0.0	0.0	0.0	<8.3	<0.0009	NSD
	During - At The Front Entrance Adjacent To The Decan Inside The W/A Area Of Bldg #114 Liberty										
02	02/007686		3600	.12	0.0009	0.0	0.0	0.0	<8.3	<0.0009	NSD
	During - Inside The Clean Room Of The Decan Bldg #114 Liberty Str.										
03	03/007687		3600	.12	0.0009	0.0	0.0	0.0	<8.3	<0.0009	NSD
	During - Adjacent To The Staircase Near The Decan Bldg #114 Liberty Str.										
04	04/007688		3600	.12	0.0009	0.0	0.0	0.0	<8.3	<0.0009	NSD
	During - At The Back Entrance To The Basement Of Bldg #114 Liberty Str.										
05	05/007689		3600	.12	0.0009	0.0	0.0	0.0	<8.3	<0.0009	NSD
	During - At The Back Entrance Of Bldg #114 Liberty Str.										

* concentration represented by the detection of 1 structure

** not analyzed

NSD: No Asbestos Structures Detected

Reviewed By:

; Analyzed By:

Date: 3/17/03

Roman Pysakhov

NYLAP#: 200546-0

ENVIRONMENTAL CONSULTANTS, INC.

0303A524

AIR SAMPLE LOG

IENT. NYC DEP

PROJECT NUMBER: 03-2744

E: 114 LIBERTY STR.

PROJECT MANAGER: M.N. KHAN

CHNICIAN FRED AGIBODZA

SIGNATURE

7

DATE 03/15/03

HTE COPY = PROJECT MANAGER

LOW COPY = LABORATORY

203082509

PAGE 1 OF 1

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 # 01 AB # 007685 PUMP #	DURING: - At the front entrance adjacent to the decon inside the W/area of bldg #114 Liberty	0300/1800	600	6/6	6	3650.4	12/100	0.0016
SAMPLE # 02 AB # 007686 PUMP #	DURING: - In side the clean room of the decon Bldg #114 Liberty Str.	0303/1803	600	6/6	6	3650.4	11/100	0.0015
SAMPLE # 03 AB # 007687 PUMP #	DURING: - Adjacent to the Stair Case near the decon Bldg #114 Liberty Str.	0306/1806	600	6/6	6	3650.4	9/100	0.0012
SAMPLE # 04 AB # 007688 PUMP #	DURING: - At the back entrance to the basement of Bldg #114 Liberty Str.	0307/1809	600	6/6	6	3650.4	9/100	0.0012
SAMPLE # 05 AB # 007689 PUMP #	DURING: - At the back entrance of Bldg #114 Liberty Str.	0312/1812	600	6/6	6	3650.4	7/100	0.0009
SAMPLE # 06 AB # 007690 PUMP #	FIELD BLANK						0/100	FB
SAMPLE # 07 AB # 007691 PUMP #	FIELD BLANK						0/100	FB

CASSETTE	ROTOMETER	TURNAROUND TIME		TYPE		RESULTS TO	
PCM (0.8 MICRON MCE)	ID# HFR-112	☐ 2 HRS	☒ 24 HRS	☐ PRE-ABATE	☐ OSHA	NAME PENNY	
TEM (0.45 MICRON MCE)	C.F. 1.014	☐ 4 HRS	☐ 48 HRS	☒ DURING	☐ ENVIRON	PH/PGM (718) 595-3744	
LOT #	CALIB. DATE 1/16/03	☐ 6 HRS	☒ OTHER	☐ POST-ABATE	☐ AMBIENT	DATE / / TIME :	

RELINQUISHED BY: (print)	RECEIVED BY: (print)	RELINQUISHED BY: (print)	RECEIVED BY: (print)	ENTERED BY: (print)	CORRECTED BY: (print)	DATE	TIME
F. Agibodza	J.B.	J.B.	Leona Hedrick			03/15/03	1900
						3/17/03	
						3/17/03	
						3/17/03	1050

LAB NAME:	METHODODOLOGY		MICROSCOPE/SERIAL #	COMMENTS:
ANALYZED BY: J.C.	☐ PCM - NIOSH 7400.A	☒ TEM - AHERA	☒ OLYMPUS BH2/204104	
DATE: 3/17/03 TIME:	☐ TEM - EPA LEVEL II		☐ OLYMPUS CHS/7C0021	
QC BY: DATE:				



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FACSIMILE TELECOPY TRANSMISSION

To: Mary Kate Kiokary
ILC Environmental Consultants
Fax #: (212) 420-6092 (718) 595-3744

From: Roman Peysakhov
SCILAB Job#: 203032510
Subject: AHERA Protocol 24 hour Results
Client Project: 03-2744; NYC DEP; 114 Liberty
Str. - (During)

Date: Monday, March 17, 2003
Time: 20:39:22

Comments:

Number of Pages: 3
(including cover sheet)

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SciLab Job #: 203032510

Client Name: JLC Environmental Consultants

Table I

Summary of Transmission Electron Microscopy (TEM) Results for Asbestos (air)

03-2744; NYC DEP; 114 Liberty Str. - (During)

SciLab Sample #	Client Sample #	Dilution Factor	Air Filtered (liters)	Area Analyzed (sq. mm.)	Analytical Sensitivity (struc/cc air)	Asbestos Structures Detected (Microns)	Structure Density (struc/sq. mm.)	Structure Concentration (struc/cc air)	Type of Asbestos
01	01/007692		3600	.12	0.0009	0.0	<8.3	<0.0009	NSD
	During - At The Front Entrance Adjacent To The Deck Inside The W/Arca								
02	02/007693		3600	.12	0.0009	0.0	<8.3	<0.0009	NSD
	During - Inside The Clean Room Of The Deck Bldg #114 Liberty Str.								
03	03/007694		3600	.12	0.0009	0.0	<8.3	<0.0009	NSD
	During - Adjacent To The Staircase Near The Deck Inside W/Arca Bldg #114 Liberty								
04	04/007695		3600	.12	0.0009	0.0	16.7	0.0018	amphibole
	During - At The Back Entrance To The Basement Bldg #114 Liberty Str.								
05	05/007696		3600	.12	0.0009	0.0	<8.3	<0.0009	NSD
	During - At The Back Entrance To The Back Bldg # 114 Liberty Str.								

* concentration represented by the detection of 1 structure

** not analyzed

NSD: No Asbestos Structures Detected

Reviewed By: _____

Analyzed By: _____

Date: 3/17/03

Roman Pysklov

NVLAP#: 200546-0

03/17/2003 22:43 2126799392

SCILAB NYC

PAGE 03/03

IDENT NYC DEU PROJECT NUMBER: 03-2744

FE: 114 LIBERTY STR. PROJECT MANAGER: M.N. KHAN

CHNICIAN: F. AGBODZA SIGNATURE [Signature] DATE: 03.16.03

NOTE COPY = PROJECT MANAGER
 LOW COPY = LABORATORY

PARTIAL CONTAINMENT

203032510

PAGE 1 OF 1

SAMPLE INFORMATION									
SAMPLE #	FIELD #	DESCRIPTION / LOCATION	TIME (military)		FLOW RATE		VOLUME (l)	FIBERS/FIELD	RESULTS (f/cc)
			start/end	min	start/end	l/min			
SAMPLE # <u>03-7692</u>	FIELD # <u>AB00</u>	DURING: - At the front entrance adjacent to the decon inside the W/area	<u>0800/1800</u>	<u>600</u>	<u>6</u>	<u>6</u>	<u>3650.4</u>	<u>17/100</u>	<u>0.0023</u>
SAMPLE # <u>03-7693</u>	FIELD # <u>AB00</u>	DURING: - In side the clean room of the decon Bldg # 114 Liberty Str.	<u>0803/1803</u>	<u>600</u>	<u>6</u>	<u>6</u>	<u>3650.4</u>	<u>45/100</u>	<u>0.0060</u>
SAMPLE # <u>03-7694</u>	FIELD # <u>CC</u>	DURING: - Adjacent to the stair case near the decon inside W/area Bldg# 114 Lib	<u>0806/1806</u>	<u>600</u>	<u>6</u>	<u>6</u>	<u>3650.4</u>	<u>30/100</u>	<u>0.0040</u>
SAMPLE # <u>03-7695</u>	FIELD # <u>CC</u>	DURING: - At the back Entrance to the basement Bldg # 114 Liberty Str.	<u>0809/1809</u>	<u>600</u>	<u>6</u>	<u>6</u>	<u>3650.4</u>	<u>8/100</u>	<u>0.0011</u>
SAMPLE # <u>03-7696</u>	FIELD # <u>CC</u>	DURING: - At the back Entrance to the back Bldg # 114 Liberty Str.	<u>0812/1812</u>	<u>600</u>	<u>6</u>	<u>6</u>	<u>3650.4</u>	<u>13/100</u>	<u>0.0017</u>
SAMPLE # <u>03-7697</u>	FIELD # <u>CC</u>	FIELD BLANK						<u>0/100</u>	FB
SAMPLE # <u>03-7698</u>	FIELD # <u>CC</u>	FIELD BLANK						<u>0/100</u>	FB

CASSETTE	ROTOMETER	TURNAROUND TIME	TYPE	RESULTS TO
☐ PCM (0.8 MICRON MCE)	ID# <u>HPR N2</u>	☐ 2 HRS ☐ 24 HRS	☐ PRE-ABATE ☐ OSHA	NAME <u>PENNY</u>
☒ TEM (0.45 MICRON MCE)	C.F. <u>1.014</u>	☐ 4 HRS ☐ 48 HRS	☒ DURING ☐ ENVIRON	PH/PRN# <u>(76) 5915-3744</u>
LOT#	CALIB. DATE <u>16/03</u>	☐ 6 HRS ☒ OTHER	☐ POST-ABATE ☐ AMBIENT	DATE <u>1/1</u> TIME :

RELINQUISHED BY: (print)	(sign)	DATE	TIME
<u>F. AGBODZA</u>	<u>[Signature]</u>	<u>03.16.03</u>	<u>1900</u>
RECEIVED BY: (print)	(sign)	<u>3/17/03</u>	
RELINQUISHED BY: (print)	(sign)	<u>3/17/03</u>	
RECEIVED BY: (print) <u>LEON HEDRICK</u>	(sign) <u>[Signature]</u>	<u>3/17/03</u>	<u>1050</u>
ENTERED BY: (print)	(sign)		
CORRECTED BY: (print)	(sign)		

LAB INFORMATION			
LAB NAME:	METHODOLOGY	MICROSCOPE/SERIAL #	COMMENTS.
<u>SLC</u>	☐ PCM - NIOSH 7400.A	☒ OLYMPUS BH2/204104	
ANALYZED BY: <u>JLB</u>	☐ TEM - AHERA	☐ OLYMPUS CHS/TC0021	
DATE: <u>3/17/03</u> TIME:	☐ TEM - EPA LEVEL II		
QC BY: DATE			



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To: Mary Kate Kiokeary
JLC Environmental Consultants
Fax #: (212)420-6092 (718)595-3744

From: Roman Peysakhov
SCILAB Job#: 203032511
Subject: AHERA Protocol 24 hour Results
Client Project: 03-2748; NYC DEP; 114 Liberty
Str (During)

Date: Monday, March 17, 2003Time: 21:32:01

Comments:

Number of Pages: 3
(including cover sheet)

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SciLab Job #: 203032511

Client Name: JLC Environmental Consultants

Table I
Summary of Transmission Electron Microscopy (TEM) Results for Asbestos (air)
03-2748; NYC DEP; 114 Liberty Str (During)

SciLab Sample #	Client Sample #	Dilution Factor	Air Filtered (liters)	Area Analyzed (sq. mm.)	* Analytical Sensitivity (struc/cc air)	Asbestos Structures Detected (Microns)		Structure Density (struc/sq. mm.)		Structure Concentration (struc/cc air)		Type of Asbestos
						0.5-5.0	>5.0	>5.0	Total	>5.0	Total	
01	01/007678		3600	.12	0.0009	0.0	2.0	16.7	16.7	0.0018	0.0018	amphibole
	During - At The Front Entrance In The Decon Inside The Work Area											
02	02/007679		3600	.12	0.0009	0.0	2.0	16.7	16.7	0.0018	0.0018	chrysotile
	During - Inside The Clean Room Of The Decon Of Bldg #114 Liberty Str.											
03	03/007680		3600	.12	0.0009	0.0	0.0	<8.3	<8.3	<0.0009	<0.0009	NSD
	During - At The Staircase Northeast Side Of Bldg #114 Liberty Str. Inside W/Area											
04	04/007681		3600	.12	0.0009	0.0	0.0	<8.3	<8.3	<0.0009	<0.0009	NSD
	During - At The Back Entrance Leading To The Basement Of Bldg #114 Liberty Inside W/Area											
05**	05/007682		3600									
	During - At The Back Entrance Of Bldg #114 Liberty Str. Inside The W/Area Overloaded With Non-Asbestos Particulate											

* concentration represented by the detection of 1 structure

** not analyzed

NSD: No Asbestos Structures Detected

Reviewed By: _____

Analyzed By: _____

Date: 3/17/03

Roman Poyarkov

NYLAB#: 200546-0

03/17/2003 22:47 2126799392
ENVIRONMENTAL CONSULTANTS, INC.

SCILAB NYC

PAGE 03/03

ENT: NYC DEP

0303A523

AIR SAMPLE LOG

E: 114 LIBERTY STR

PROJECT NUMBER: 03-2718-

CHNICIAN: F. AGIBODZA

SIGNATURE

PROJECT MANAGER: M. N. KHAN

ITE COPY = PROJECT MANAGER
LOW COPY = LABORATORY

DATE 03/14/03

203032511

PAGE 1 OF 1

SAMPLE INFORMATION									
SAMPLE I.D.	FIELD #	DESCRIPTION / LOCATION	TIME (military)		FLOW RATE		VOLUME (l)	FIBERS/ FIELD	RESULTS (Ucc)
			start/end	min	start/end	l/min			
01	007678	DURING: - At the front entrance adjacent to the decon inside the W/area	1830	600	6	6	3650.4	12/100	0.0016
02	007679	DURING: - In Side the clean room of the decon of Bldg # 114 Liberty Str.	1835	600	6	6	3650.4	9/100	0.0012
03	007680	DURING: - At the stair case Northeast side of Bldg # 114 Liberty Str. inside W/area	1840	600	6	6	3650.4	9/100	0.0012
04	007681	DURING: - At the back entrance leading to the basement of Bldg # 114 Lib. inside W/area	1845	600	6	6	3650.4	10/100	0.0013
05	007682	DURING: - At the back entrance of bldg # 114 Liberty Str. in side the W/area	1850	600	6	6	3650.4	5/100	0.0007
06	007683	FIELD BLANK						0/100	FB
07	007684	FIELD BLANK						0/100	FB

CASSETTE	ROTOMETER	TURNAROUND TIME	TYPE	RESULTS TO
PCM (0.8 MICRON MCE)	ID# HFR 112	☐ 2 HRS ☒ 24 HRS	☐ PRE-ABATE ☐ OSHA	NAME PENNY
TEM (0.45 MICRON MCE)	C.F. 1.014	☐ 4 HRS ☐ 48 HRS	☒ DURING ☐ ENVIRON	PH/PG# 1215595 3744
LOT #	CALIB. DATE 1/16/03	☐ 8 HRS ☒ OTHER	☐ POST-ABATE ☐ AMBIENT	DATE 3/14/03 TIME

RELINQUISHED BY: (print)	DATE	TIME
F. AGIBODZA	03/14/03	1900
RECEIVED BY: (print)		
J.B.	3/12/03	
RELINQUISHED BY: (print)		
J.B.	3/17/03	
RECEIVED BY: (print)		
Lerna Hedrick	3/17/03	1050
ENTERED BY: (print)		
CORRECTED BY: (print)		

LAB INFORMATION			COMMENTS
LAB NAME: JLC	METHODOLOGY	MICROSCOPE/SERIAL #	
ANALYZED BY: JLC	☒ PCM - NIOSH 7400 A	☒ OLYMPUS BH2/204104	
DATE: 3/17/03 TIME:	☐ TEM - AHERA	☐ OLYMPUS CHS/7C0021	
QC BY: DATE:	☐ TEM - EPA LEVEL II		