

***** -IND. XMT JOURNAL- ***** DATE MAR-10-2003 ***** TIME 14:34 *****

DATE/TIME = MAR-10-2003 14:26
 JOURNAL No. = 07
 COMM.RESULT = OK
 PAGE(S) = 023
 DURATION = 00:07'53
 FILE No. =
 MODE = TRANSMISSION
 DESTINATION = 912126374360
 RECEIVED ID = / 2126374360
 RESOLUTION = STD

-NYCDEP BANHM ASB/LEAD TRU-

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

MAR. 10. 2003 12:55PM

JLC ENVIRONMENTAL

NO. 290

P. 1

JLC ENVIRONMENTAL CONSULTANTS, INC.
200 PARK AVENUE SOUTH
NEW YORK, NY 10003
TEL (212) 420-8119 FAX (212) 420-6092

FACSIMILE TRANSMITTAL SHEET

TO:	FROM:
Ms. Penny Theodorellys	Mohammed Khan
COMPANY:	DATE:
D.E.P.	March 10, 2003
FAX NUMBER:	TOTAL NO. OF PAGES INCLUDING COVER:
(718) 595-3744	22
PHONE NUMBER:	SENDER'S FAX NUMBER:
	(212) 420-6092
	JLC PROJECT NUMBER:
	03-744

Re: Lab Report for Lead

☐ FOR REVIEW
 ☐ PLEASE COMMENT
 ☐ PLEASE SN & RETURN
 ☒ YOUR FILES

NOTES/COMMENTS:

Post-It® Fax Note	7671	Date	3/7/03	# of pages	23
To	Chuck Nace	From	P. Theodorellys		
Co./Dept.	USEPA	Co.	NYC DEP		
Phone #	(212) 637-3459 (1160)	Phone #	(718) 595-3657		
Fax #	(212) 637-4360	Fax #	(718) 595-3744		

CONFIDENTIALITY NOTE:

MAR. 10. 2003 1:01PM

JLC ENVIRONMENTAL

NO. 290 P. 1

JLC ENVIRONMENTAL CONSULTANTS, INC.
200 PARK AVENUE SOUTH
NEW YORK, NY 10003
TEL (212) 420-8119 FAX (212) 420-6092

FACSIMILE TRANSMITTAL SHEET

TO:	Ms. Penny Theodorelys	FROM:	Mohammed Khan
COMPANY:	D.E.P.	DATE:	March 10, 2003
FAX NUMBER:	(718) 595-3744	TOTAL NO. OF PAGES INCLUDING COVER:	22
PHONE NUMBER:		SENDER'S FAX NUMBER:	(212) 420-6092
		JLC PROJECT NUMBER:	03-744

Re: Lab Report for Lead

☐ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE SN & RETURN ☒ YOUR FILES

NOTES/COMMENTS:**CONFIDENTIALITY NOTE:**

The information contained in this Facsimile message is legally privileged, confidential, intended only for the use of the individual of entity named below. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution, or copy of this facsimile is prohibited. If you have received this facsimile in error, please notify us immediately and return the original to us at the address above via the United States Postal Service.

MAR. 10. 2003 1:02PM

JLC ENVIRONMENTAL

NO. 290

P. 2



March 10, 2003

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

Attention: Ms. Penny Theodorellys

Reference: 114 Liberty Street, New York, NY

Dear Ms. Theodorellys:

Enclosed please find the analytical results for Lead in Dust sampling conducted at 114 Liberty Street, New York, NY.

All samples were collected by JLC Environmental Consultants, Inc. (JLC) at the request of New York City D.E.P..

All samples were analyzed by JLC Environmental Consultants, using an Atomic Absorption Spectrometer, equipped with an Air-Acetylene flame and background correction in accordance with the HUD "Guidelines for the Evaluation and Control of Lead-Based Paint Hazardous House" Appendix 14.2 and the Environmental Protection Agency Method, EPA SW846-3050/7420.

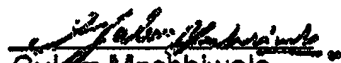
The current HUD Guidelines define the Leaded Dust Clearance levels (by wipe sampling) are: 40ug/ft² for floors (includes carpeted and uncarpeted floors); 250ug/ft² for interior window sills; 400ug/ft² for window troughs (previously called "window wells" in the literature), and 400ug/ft² for exterior concrete surfaces.

Any questions concerning results and/or documentation should be directed to Gulam Machhiwala, our laboratory director.

JLC Environmental Consultants, Inc. appreciates the opportunity to serve your organization. Please contact us with any further questions. We look forward to working with you again in the future.

Sincerely,

JLC Environmental Consultants, Inc.


Gulam Machhiwala
Laboratory Director

cc:File

MAR. 10. 2003 1:03PM

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

NO. 290 P. 3

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

ELAP Lab Code: 11028
 NIOSH and AIHA Lab Code: 100273
 NVLAP Lab Code: 101953

Project No.: 03-2744
 Analyte: LEAD/ WIPE
 Date Collected: 3/4/2003
 Date Received: 3/6/2003
 Date Analyzed: 3/6/2003
 Batch #: 0303L321

Site: 114 Liberty Street, 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)
1 2568 01	10th Floor/ Lead Dust/ Floor/ Hallway	12x12	87.5
2 2569 02	10th Floor/ Lead Dust/ Wall/ Kitchen	12x12	<20
3 2670 02	10th Floor/ Lead Dust/ Counter Top/ Kitchen	12x12	57.5

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 SW846-3080/7420.



Gulam Machhiwala
 Laboratory Director

Collected By: Shawn Rajkumar
 Analyzed By: Madell Collins

Minimum Detection 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

MAR. 10. 2003 1:03PM

JLC ENVIRONMENTAL

NO. 290

P. 4

0303L-321

10TH FLOOR.
JLC ENVIRONMENTAL CONSULTANTS, INC.

CHAIN OF CUSTODY LOGCLIENT: U.S DEP WTC - LBA.

PROJECT NUMBER:

03-2744

SITE: 114 LIBERTY AVE.

LAB BATCH NUMBER:

TECHNICIAN: Shawn Raskunal SIGNATURE: Shawn RaskunalDATE: 04-03-03PROJECT MANAGER: A. GASPARD

PAGE 01 OF 02

SAMPLE I.D.	DESCRIPTION / LOCATION	Sample Type					Size	RESULTS	
		Paint	Soil	Wipe	Water	Other		Content	Unit
SAMPLE # 01 LAB # 002568 COLOR(S)	LEAD DUST / FLOOR HALLWAY.			✓			12" X 12"	87.5	ug/H ²
SAMPLE # 02 LAB # 002569 COLOR(S)	LEAD DUST / WALL KITCHEN.			✓			12" X 12"	120	
SAMPLE # 03 LAB # 002570 COLOR(S)	LEAD DUST / COUNTER TOP. KITCHEN.			✓			12" X 12"	57.5	↓
SAMPLE # 04 LAB # COLOR(S)	PAH / FLOOR CORRIDOR - (HALLWAY).			✓			12" X 12"		
SAMPLE # 05 LAB # COLOR(S)	PAH / WALL KITCHEN SR.			✓			12" X 12"		
SAMPLE # 06 LAB # COLOR(S)	PAH / COUNTER TOP KITCHEN.			✓			12" X 12"		

Analysis Requested	Turnaround Time	Verbal Results to	Report to
	☐ 24 HRS ☐ 48 HRS ☐ Over 3 Days ☐ OTHER	NAME _____ PHONE/FAX: _____ DATE / / TIME :	NAME _____ ADDRESS: _____ DATE / / TIME :

RELINQUISHED BY: (print) <u>Shawn Raskunal</u> (sign) <u>Shawn Raskunal</u>	DATE	TIME
RECEIVED BY: (print) <u>Madell Collins</u> (sign) <u>Madell Collins</u>	<u>04-03-03</u>	<u>11:03</u>
RELINQUISHED BY: (print) _____ (sign) _____	____	____
RECEIVED BY: (print) _____ (sign) _____	____	____
ENTERED BY: (print) _____ (sign) _____	____	____
CORRECTED BY: (print) _____ (sign) _____	____	____

LAB NAME: <u>JLC</u>	METHODOLOGY	INSTRUMENT	COMMENTS:
ANALYZED BY: <u>MC</u>	☐ EPA SW846-3050/7420 ☐ EPA SW846-1979(4.1.3)/7420 ☐ EPA 88-02-4550	Varian SpectrAA-250 Plus ☐ Air-Acetylene Flame ☐ Graphite Furnace	
DATE: <u>3/6/03</u> TIME: _____	QC BY: _____ DATE: _____		

White Copy = Folder
 Yellow Copy = Laboratory
 Pink Copy = Project Manager

MAR. 10. 2003 1:04PM

JLC ENVIRONMENTAL
JLC ENVIRONMENTAL CONSULTANTS, INC.
 200 Park Avenue South, Suite 1001, New York, New York 10003
 Phone: (212) 420-8119 Fax: (212) 420-8082

NO. 290

P. 5

New York City D.E.P.
 89-17 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: 3/8/2003
 Date Received: 3/8/2003
 Date Analyzed: 3/8/2003
 Batch #: 0303L322

Site:

114 Liberty Street, New York, NY

SUMMARY OF ANALYTICAL RESULTS - DUST WIPE

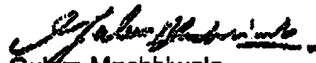
Sample # Lab # Client's Sample	Description/ Location	Area in Inches (L x W)	Lead Concentration (ug/ft2)
1 2571 01	9th Floor/ Lead Dust/ Floor/ Hallway	12x12	26.5
2 2572 02	9th Floor/ Lead Dust/ Wall/ Bathroom/ Lower Left	12x12	<20
3 2573 03	9th Floor/ Lead Dust/ Counter Top/ Kitchen	12x12	60.5

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: Shawn Rajkumar
 Analyzed By: Madell Collins

Minimum Detection 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

MAR. 10. 2003 1:04PM

JLC ENVIRONMENTAL

NO. 290

P. 6

9TH FLOOR.

JLC ENVIRONMENTAL CONSULTANTS, INC.**CHAIN OF CUSTODY LOG**CLIENT: U.S. DEP - WTC - LBA.

PROJECT NUMBER:

03-2744SITE: 114 LIBERTY STREET N.Y. N.Y.

LAB BATCH NUMBER:

0303L-382TECHNICIAN: SHAWN RATHNAMSIGNATURE: Shawn RathnamDATE: 03-08-03PROJECT MANAGER: A. GASPARO.PAGE 1 OF 1

SAMPLE I.D.		DESCRIPTION / LOCATION	Sample Type					Size	RESULTS	
			Paint	Soil	Wipe	Water	Other		Content	Unit
SAMPLE #	FIELD #	LEAD DUST - FLOOR			✓			12" X 12"	26.5	ugl-ft ²
LAB #		HALLWAY.								
COLOR(S)										
SAMPLE #	FIELD #	LEAD DUST - WALL			✓			12" X 12"	<20	
LAB #		BATHROOM - LOWER								
COLOR(S)		LEFT.								
SAMPLE #	FIELD #	LEAD DUST -			✓			12" X 12"	60.5	
LAB #		COUNTER TOP.								
COLOR(S)		KITCHEN -								
SAMPLE #	FIELD #	PAH - FLOOR			✓			12" X 12"		
LAB #		HALLWAY.								
COLOR(S)										
SAMPLE #	FIELD #	PAH - WALL			✓			12" X 12"		
LAB #		BATHROOM - UPPER								
COLOR(S)		LEFT.								
SAMPLE #	FIELD #	PAH - COUNTER TOP.			✓			12" X 12"		
LAB #		KITCHEN.								
COLOR(S)										

Analysis Requested	Turnaround Time	Verbal Results to	Report to
	☐ 24 HRS ☐ 48 HRS ☐ Over 3 Days ☐ OTHER	NAME _____ PH/FAX# _____ DATE / / TIME :	NAME _____ ADDRESS: _____ DATE / / TIME :

RELINQUISHED BY:(print) <u>SHAWN RATHNAM</u>	(sign) <u>Shawn Rathnam</u>	DATE	TIME
RECEIVED BY:(print) <u>Nadell Collins</u>	(sign) <u>Nadell Collins</u>	<u>3/5/03</u>	
RELINQUISHED BY:(print)	(sign)		
RECEIVED BY:(print)	(sign)		
ENTERED BY:(print)	(sign)		
CORRECTED BY:(print)	(sign)		

LAB NAME: <u>JLC</u>	METHODOLOGY	INSTRUMENT	COMMENTS:
ANALYZED BY: <u>JLC</u>	☐ EPA SW846-3050/7420 ☐ EPA SW846-1979(4.1.3)/7420 ☐ EPA 88-02-4650	Varian SpectraAA-250 Plus ☐ Air-Acetylene Flame ☐ Graphite Furnace	
DATE: <u>3/10/03</u>	TIME:		
QC BY:	DATE:		

White Copy = Field
 Yellow Copy = Laboratory
 Pink Copy = Project Manager

MAR. 10. 2003 1:05PM

JLC ENVIRONMENTAL CONSULTANTS, INC.
 200 Park Avenue South, Suite 1001, New York, New York 10003
 Phone: (212) 420-8119 Fax: (212) 420-6082

NO. 290 P. 7

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: 3/5/2003
 Date Received: 3/6/2003
 Date Analyzed: 3/8/2003
 Batch #: 0303L323

Site: 114 Liberty Street, New York, NY

SUMMARY OF ANALYTICAL RESULTS - DUST WIPE

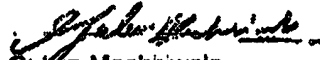
Sample # Lab # Client's Sample	Description/ Location	Area in Inches (L x W)	Lead Concentration (ug/ft2)
1 2577 01	7th Floor/ Lead Dust/ Floor/ Hallway	12x12	36.6
2 2578 02	7th Floor/ Lead Dust/ Wall/ Living Room/ Lower Right	12x12	<20
3 2579 03	7th Floor/ Lead Dust/ Counter Top/ Kitchen	12x12	<20

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: Shawn Rajkumar
 Analyzed By: Madell Collins

Minimum Detection 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

MAR. 10. 2003 1:06PM

JLC ENVIRONMENTAL

NO. 290 P. 8

1ST FLOOR**JLC ENVIRONMENTAL CONSULTANTS, INC.****CHAIN OF CUSTODY LOG**CLIENT: US DEP - WTC LBA

PROJECT NUMBER:

03-2744SITE: 114 LIBERTY STREET N.Y. N.Y.

LAB BATCH NUMBER:

03032-323TECHNICIAN: SHAWN RATHNAM SIGNATURE: PrathnamDATE: 03-03-03PROJECT MANAGER: A. GASPARDPAGE 01 OF 02

SAMPLE I.D.		DESCRIPTION / LOCATION	Sample Type					Size	RESULTS	
			Paint	Soil	Wipe	Water	Other		Content	Unit
SAMPLE # <u>01</u>	FIELD #	LEAD DUST - FLOOR			✓			12" X 12"	35.5	ug / ft ²
LAB # <u>002577</u>		HALLWAY.								
COLOR(S)										
SAMPLE # <u>02</u>	FIELD #	LEAD DUST - WALL			✓			12" X 12"	<20	
LAB # <u>002578</u>		LIVING ROOM								
COLOR(S)		LOWER RIGHT								
SAMPLE # <u>03</u>	FIELD #	LEAD DUST -			✓			12" X 12"	<20	
LAB # <u>002579</u>		COUNTER TOP.								
COLOR(S)		KITCHEN.								
SAMPLE # <u>04</u>	FIELD #	PAH - FLOOR			✓			12" X 12"		
LAB #		HALLWAY.								
COLOR(S)										
SAMPLE # <u>05</u>	FIELD #	PAH - WALL ST.			✓			12" X 12"		
LAB #		LIVING ROOM								
COLOR(S)		CENTER RIGHT.								
SAMPLE # <u>06</u>	FIELD #	PAH - COUNTER TOP			✓			12" X 12"		
LAB #		KITCHEN.								
COLOR(S)										

Analysis Requested	Turnaround Time	Verbal Results to	Report to
	☐ 24 HRS ☐ 48 HRS ☐ Over 3 Days ☐ OTHER	NAME _____ PH/FAX _____ DATE / / TIME :	NAME _____ ADDRESS: _____ DATE / / TIME :

RELINQUISHED BY:(print) <u>SHAWN RATHNAM</u>	(sign) <u>Prathnam</u>	DATE <u>03-03-03</u>	TIME
RECEIVED BY:(print) <u>Modell Collins</u>	(sign) <u>Modell Collins</u>		
RELINQUISHED BY:(print)	(sign)		
RECEIVED BY:(print)	(sign)		
ENTERED BY:(print)	(sign)		
CORRECTED BY:(print)	(sign)		

LAB NAME: <u>JLC</u>	METHODOLOGY	INSTRUMENT	COMMENTS:
ANALYZED BY: <u>mc</u>	☐ EPA SW846-3050/7420 ☐ EPA SW846-1079(4.1.3)/7420 ☐ EPA 88-02-4650	Varian Spectra AA-250 Plus ☐ Air-Acetylene Flame ☐ Graphite Furnace	
DATE: <u>3-6-03</u> TIME:			
QC BY: DATE:			

White Copy = Folder
 Yellow Copy = Laboratory
 Pink Copy = Project Manager

MAR. 10. 2003 1:06PM

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

NO. 290 P. 9

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: 101983

Project No.: 03-2744
 Analyte: LEAD/ WIPE
 Date Collected: 3/6/2003
 Date Received: 3/6/2003
 Date Analyzed: 3/6/2003
 Batch #: 0303L324

Site: 114 Liberty Street, New York, NY

SUMMARY OF ANALYTICAL RESULTS - DUST WIPE

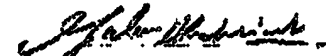
Sample # Lab # Client's Sample	Description/ Location	Area in Inches (L x W)	Lead Concentration (ug/ft2)
1 2580 01	6th Floor/ Lead Dust/ Floor/ Hallway	12x12	<20
2 2581 02	6th Floor/ Lead Dust/ Wall/ Bathroom/ Lower Left	12x12	<20
3 2582 03	6th Floor/ Lead Dust/ Counter Top/ Kitchen	12x12	<20

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 SW846-3060/7420.



Gulam Machhiwala
 Laboratory Director

Collected By: Shawn Rajkumar
 Analyzed By: Madell Collins

Minimum Detection 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

MAR. 10. 2003 1:07PM

JLC ENVIRONMENTAL

NO. 290 P. 10

6TH FLOOR.
JLC ENVIRONMENTAL CONSULTANTS, INC.

CHAIN OF CUSTODY LOG

CLIENT: U.S. DEP - WTC LBA PROJECT NUMBER: 03-2744
 SITE: 114 LIBERTY STREET N.Y. N.Y. LAB BATCH NUMBER: 0303L-324
 TECHNICIAN: SHAWN RAKUNAL SIGNATURE: [Signature] DATE: 03/05/03
 PROJECT MANAGER: A. GASPARO. PAGE 01 OF 02

SAMPLE I.D.	DESCRIPTION / LOCATION	Sample Type					Size	RESULTS	
		Paint	Soil	Wipe	Water	Other		Content	Unit
SAMPLE # <u>01</u> LAB # <u>002580</u> COLOR(S)	LEAD DUST / FLOOR HALLWAY.			✓			12" X 12"	<20	ug/H ²
SAMPLE # <u>02</u> LAB # <u>002581</u> COLOR(S)	LEAD DUST / WASH BATHROOM (Lower Left).			✓			12" X 12"	<20	
SAMPLE # <u>03</u> LAB # <u>002582</u> COLOR(S)	LEAD DUST / COUNTER TOP KITCHEN.			✓			12" X 12"	<20	
SAMPLE # <u>04</u> LAB # COLOR(S)	PAH / FLOOR HALLWAY.			✓			12" X 12"		
SAMPLE # <u>05</u> LAB # COLOR(S)	PAH / WASH SL BATHROOM LOWER RIGHT			✓			12" X 12"		
SAMPLE # <u>06</u> LAB # COLOR(S)	PAH / COUNTER TOP KITCHEN.			✓			12" X 12"		

Analysis Requested	Turnaround Time	Verbal Results to	Report to
	☐ 24 HRS ☐ 48 HRS ☐ Over 3 Days ☐ OTHER	NAME _____ PHONE/FAX _____ DATE / / TIME :	NAME _____ ADDRESS _____ DATE / / TIME :

RELINQUISHED BY: (print) <u>SHAWN RAKUNAL</u>	(sign) <u>[Signature]</u>	DATE	TIME
RECEIVED BY: (print) <u>Madell Collins</u>	(sign) <u>[Signature]</u>	<u>03/05/03</u>	<u>5:00</u>
RELINQUISHED BY: (print) _____	(sign) _____		
RECEIVED BY: (print) _____	(sign) _____		
ENTERED BY: (print) _____	(sign) _____		
CORRECTED BY: (print) _____	(sign) _____		

LAB NAME: <u>JLC</u>	METHODOLOGY	INSTRUMENT	COMMENTS:
ANALYZED BY: <u>MC</u>	☐ EPA SW846-3050/7420	Varian SpectraAA-250 Plus	
DATE: <u>3/6/03</u> TIME: _____	☐ EPA SW846-1979(4.1.3)/7420	☐ Air-Acetylene Flame	
QC BY: _____ DATE: _____	☐ EPA 68-02-4550	☐ Graphite Furnace	

White Copy = Folder
 Yellow Copy = Laboratory
 Pink Copy = Project Manager

MAR. 10. 2003 1:08PM

JLC ENVIRONMENTAL
JLC ENVIRONMENTAL CONSULTANTS, INC.
 200 Park Avenue South, Suite 1001, New York, New York 10003
 Phone: (212) 420-8119 Fax: (212) 420-8092

NO. 290 P. 11

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: 3/6/2003
 Date Received: 3/6/2003
 Date Analyzed: 3/6/2003
 Batch #: 0303L325

Site: **114 Liberty Street, 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)
1 2583 01	5th Floor/ Lead Dust/ Floor/ Hallway	12x12	125.0
2 2584 02	5th Floor/ Lead Dust/ Wall/ Bathroom/ Lower Right	12x12	<20
3 2585 03	5th Floor/ Lead Dust/ Counter Top/ Kitchen	12x12	59.0

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 8210-6-80/7420.



Gulam Maachhiwala
 Laboratory Director

Collected By: Shawn Rajkumar
 Analyzed By: Madell Collins

Minimum Detection Limit = <20 ug/ft2

HUD "Guidelines for the Evaluation and Control of Lead-Based Paint Hazardous in Housing" 05/95; 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

MAR. 10. 2003 1:08PM

JLC ENVIRONMENTAL

NO. 290

P. 12

5TH FLOOR.
JLC ENVIRONMENTAL CONSULTANTS, INC.

CHAIN OF CUSTODY LOGCLIENT: U.S. DEP WTC-LBA.

PROJECT NUMBER:

03-2744SITE: 114 LIBERTY STREET N.Y. N.Y.

LAB BATCH NUMBER:

03036-325TECHNICIAN: SHAWN RASKUMAR

SIGNATURE:

Shawn RaskumarDATE: 03/05/03PROJECT MANAGER: A. GASPARDPAGE 01 OF 02.

SAMPLE I.D.		DESCRIPTION / LOCATION	Sample Type					Size	RESULTS	
			Paint	Soil	Wipe	Water	Other		Content	Unit
SAMPLE #	FIELD #	LEAD DUST / FLOOR			✓			12"		
LAB #		HALLWAY						X	125.0	ug/H ²
COLOR(S)								12"		
SAMPLE #	FIELD #	LEAD DUST / WALL			✓			12"		
LAB #		BATHROOM						X	120	
COLOR(S)		LOWER RIGHT						12"		
SAMPLE #	FIELD #	LEAD DUST /			✓			12"		
LAB #		COUNTER TOP -						X	59.0	
COLOR(S)		KITCHEN.						12"		
SAMPLE #	FIELD #	PAH - FLOOR			✓			12"		
LAB #		HALLWAY						X		
COLOR(S)								12"		
SAMPLE #	FIELD #	PAH - WALL SL			✓			12"		
LAB #		BATHROOM						X		
COLOR(S)		CENTER LEFT						12"		
SAMPLE #	FIELD #	PAH - COUNTER TOP			✓			12"		
LAB #		KITCHEN						X		
COLOR(S)								12"		

Analysis Requested	Turnaround Time	Verbal Results to	Report to
	☐ 24 HRS ☐ 48 HRS ☐ Over 3 Days ☐ OTHER	NAME _____ PH/FAX# _____ DATE / / TIME :	NAME _____ ADDRESS: _____ DATE / / TIME :

RELINQUISHED BY: (print) <u>SHAWN RASKUMAR</u>	(sign) <u>Shawn Raskumar</u>	DATE	TIME
RECEIVED BY: (print) <u>Madell Collins</u>	(sign) <u>Madell Collins</u>	<u>03/05/03</u>	
RELINQUISHED BY: (print) _____	(sign) _____		
RECEIVED BY: (print) _____	(sign) _____		
ENTERED BY: (print) _____	(sign) _____		
CORRECTED BY: (print) _____	(sign) _____		

LAB NAME: <u>JLC</u>	METHODOLOGY	INSTRUMENT	COMMENTS:
ANALYZED BY: <u>me</u>	☐ EPA SW846-3050/7420	Varian SpectraAA-250 Plus	
DATE: <u>3/6/03</u> TIME: _____	☐ EPA SW846-1979(4.1.3)/7420	☐ Air-Acetylene Flame	
QC BY: _____ DATE: _____	☐ EPA 88-02-4650	☐ Graphite Furnace	

White Copy = Folder
 Yellow Copy = Laboratory
 Pink Copy = Project Manager

MAR. 10. 2003 1:09PM

JLC ENVIRONMENTAL
JLC ENVIRONMENTAL CONSULTANTS, INC.
 200 Park Avenue South, Suite 1001, New York, New York 10003
 Phone: (212) 420-8119 Fax: (212) 420-6082

NO. 290

P. 13

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: 3/6/2003
 Date Received: 3/6/2003
 Date Analyzed: 3/6/2003
 Batch #: 0303L328

Site: 114 Liberty Street, 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)
1 2586 01	4th Floor/ Lead Dust/ Floor/ Hallway	12x12	56.0
2 2567 02	4th Floor/ Lead Dust/ Wall/ Bathroom/ Lower Left	12x12	<20
3 2588 03	4th Floor/ Lead Dust/ Counter Top/ Kitchen	12x12	39.0

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: Shawn Rajkumar
 Analyzed By: Madell Collins

Minimum Detection Limit = <20 ug/ft2

HUD "Guidelines for the Evaluation and Control of Lead-Based Paint Hazardous in Housing" 08/95; 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

MAR. 10. 2003 1:09PM

JLC ENVIRONMENTAL

NO. 290

P. 14

4TH FLOOR.

JLC ENVIRONMENTAL CONSULTANTS, INC.**CHAIN OF CUSTODY LOG**CLIENT: U.S DEP. WTC-LBA.

PROJECT NUMBER:

03-2744SITE: 114 LIBERTY STREET N.Y N.Y.

LAB BATCH NUMBER:

03032-326TECHNICIAN: SHAWN RAJKUMAR SIGNATURE: Shawn RajkumarDATE: 03/05/03PROJECT MANAGER: A. GASPARDPAGE 01 OF 02.

SAMPLE I.D.		DESCRIPTION / LOCATION	Sample Type					Size	RESULTS	
			Paint	Soil	Wipe	Water	Other		Content	Unit
SAMPLE #	FIELD #	LEAD DUST / FLOOR			✓			12" X 12"	56.0	ug / ft ²
LAB #		HALLWAY.								
COLOR(S)										
SAMPLE #	FIELD #	LEAD DUST / WALL			✓			12" X 12"	120	
LAB #		BATHROOM								
COLOR(S)		LOWER LEFT								
SAMPLE #	FIELD #	LEAD DUST /			✓			12" X 12"	39.0	
LAB #		COUNTER TOP								
COLOR(S)		KITCHEN.								
SAMPLE #	FIELD #	PAH / FLOOR			✓			12" X 12"		
LAB #		HALLWAY.								
COLOR(S)										
SAMPLE #	FIELD #	PAH / WALL			✓			12" X 12"		
LAB #		BATHROOM								
COLOR(S)		LEFT CENTER.								
SAMPLE #	FIELD #	PAH / COUNTER TOP			✓			12" X 12"		
LAB #		KITCHEN.								
COLOR(S)										

Analysis Requested	Turnaround Time	Verbal Results to	Report to
	☐ 24 HRS ☐ 48 HRS ☐ Over 3 Days ☐ OTHER	NAME _____ PHONE/FAX _____ DATE / / TIME :	NAME _____ ADDRESS _____ DATE / / TIME :

RELINQUISHED BY: (print)	(sign)	DATE	TIME
SHAWN RAJKUMAR	Shawn Rajkumar	03/05/03	
RECEIVED BY: (print)	(sign)		
Maddell Collins	Maddell Collins		
RELINQUISHED BY: (print)	(sign)		
RECEIVED BY: (print)	(sign)		
ENTERED BY: (print)	(sign)		
CORRECTED BY: (print)	(sign)		

LAB NAME:	METHODOLOGY	INSTRUMENT	COMMENTS:
ANALYZED BY: <u>JOC</u>	☐ EPA SW846-3050/7420	Varian SpectraAA-250 Plus	
DATE: <u>3/6/03</u> TIME: _____	☐ EPA SW846-1979(4.1.3)/7420	☐ Air-Acetylene Flame	
QC BY: _____ DATE: _____	☐ EPA 88-02-4550	☐ Graphite Furnace	

White Copy = Folder
 Yellow Copy = Laboratory
 Pink Copy = Project Manager

MAR. 10. 2003 1:10PM

JLC ENVIRONMENTAL CONSULTANTS, INC.
 200 Park Avenue South, Suite 1001, New York, New York 10003
 Phone: (212) 420-8118 Fax: (212) 420-6092

NO. 290

P. 15

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: 3/5/2003
 Date Received: 3/8/2003
 Date Analyzed: 3/8/2003
 Batch #: 0303L327

Site: 114 Liberty Street, New York, NY

SUMMARY OF ANALYTICAL RESULTS - DUST WIPE

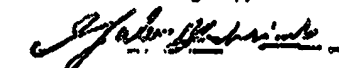
Sample # Lab # Client's Sample	Description/ Location	Area in Inches (L x W)	Lead Concentration (ug/ft ²)
1 2589 01	3rd Floor/ Lead Dust/ Floor/ Hallway	12x12	43.0
2 2590 02	3rd Floor/ Lead Dust/ Wall/ Bathroom/ Lower Left	12x12	<20
3 2591 03	3rd Floor/ Lead Dust/ Counter Top/ Kitchen	12x12	<20

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 SW846-3080/7420.



Gulam Maachhiwala
 Laboratory Director

Collected By: Shawn Rajkumar
 Analyzed By: Madell Collins

Minimum Detection Limit = <20 ug/ft²

HUD "Guidelines for the Evaluation and Control of Lead-Based Paint Hazardous in Housing" 08/95; 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

MAR. 10. 2003 1:11PM

JLC ENVIRONMENTAL

NO. 290

P. 16

3rd Floor JLC ENVIRONMENTAL CONSULTANTS, INC.

CHAIN OF CUSTODY LOG

CLIENT: U.S. DEP - WTC LBA PROJECT NUMBER: 03-2744
 SITE: 114 LIBERTY STREET N.Y. N.Y. LAB BATCH NUMBER: 03032-3877
 TECHNICIAN: SHAWN RAKUMAR SIGNATURE: Shawn Rakumar DATE: 03/05/03
 PROJECT MANAGER: A. GASPARO PAGE 01 OF 02

SAMPLE I.D.		DESCRIPTION / LOCATION	Sample Type					Size	RESULTS	
			Paint	Soil	Wipe	Water	Other		Content	Unit
SAMPLE #	FIELD #									
B1		LEAD DUST / FLOOR			✓			12"		
LAB #		HALLWAY.						X	43.0	ng/l ²
COLOR(S)								12"		
B2		LEAD DUST / WALL			✓			12"		
LAB #		BATHROOM						X	220	
COLOR(S)		LOWER LEFT						12"		
B3		LEAD DUST / COUNTER -			✓			12"		
LAB #		TOP						X	220	
COLOR(S)		KITCHEN.						12"		
B4		PAH / FLOOR			✓			12"		
LAB #		HALLWAY.						X		
COLOR(S)								12"		
B5		PAH / WALL			✓			12"		
LAB #		BATHROOM SL.						X		
COLOR(S)		CENTER LEFT.						12"		
B6		PAH / COUNTER TOP			✓			12"		
LAB #		KITCHEN.						X		
COLOR(S)								12"		

Analysis Requested	Turnaround Time	Verbal Results to	Report to
	☐ 24 HRS ☐ 48 HRS ☐ Over 3 Days ☐ OTHER	NAME _____ PHONE/FAX _____ DATE / / TIME :	NAME _____ ADDRESS: _____ DATE / / TIME :

RELINQUISHED BY:(print)	(sign)	DATE	TIME
SHAWN RAKUMAR	Shawn Rakumar	03/05/03	
RECEIVED BY:(print)	(sign)		
Maddell Collins	Maddell Collins		
RELINQUISHED BY:(print)	(sign)		
RECEIVED BY:(print)	(sign)		
ENTERED BY:(print)	(sign)		
CORRECTED BY:(print)	(sign)		

LAB NAME:	METHODOLOGY	INSTRUMENT	COMMENTS:
JLC	☐ EPA SW846-3080/7420 ☐ EPA SW846-1979(4.1.3)/7420 ☐ EPA 88-02-4550	Varian SpectraAA-250 Plus ☐ Air-Acetylene Flame ☐ Graphite Furnace	
ANALYZED BY: <u>Mc</u>			
DATE: <u>3/6/03</u> TIME: _____			
QC BY: _____ DATE: _____			

White Copy = Folder
 Yellow Copy = Laboratory
 Pink Copy = Project Manager

MAR. 10. 2003 1:11PM

JLC ENVIRONMENTAL CONSULTANTS, INC.
 200 Park Avenue South, Suite 1001, New York, New York 10003
 Phone: (212) 420-8119 Fax: (212) 420-8092

NO. 290 P. 17

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

ELAP Lab Code: 11028
 NIOSH and AIHA Lab Code: 100273
 NVLAP Lab Code: 101983

Project No.: 03-2744
 Analyte: LEAD/ WIPE
 Date Collected: 3/5/2003
 Date Received: 3/8/2003
 Date Analyzed: 3/8/2003
 Batch #: 0303L328

Site: 114 Liberty Street, New York, NY

SUMMARY OF ANALYTICAL RESULTS - DUST WIPE

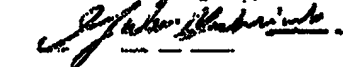
Sample # Lab # Client's Sample	Description/ Location	Area in Inches (L x W)	Lead Concentration (ug/ft2)
1 2592 01	11th Floor/ Lead Dust/ Floor/ Kitchen	12x12	483.0
2 2593 02	11th Floor/ Lead Dust/ Wall/ Living Room/ Upper Left	12x12	<20
3 2594 03	11th Floor/ Lead Dust/ Counter Top/ Kitchen	12x12	<20

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 Maohhiwala
 Laboratory Director

Collected By: Shawn Rajkumar
 Analyzed By: Madell Collins

Minimum Detection Limit = <20 ug/ft2

HUD "Guidelines for the Evaluation and Control of Lead-Based Paint Hazardous in Housing" 06/96; 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

MAR. 10. 2003 1:12PM

JLC ENVIRONMENTAL

NO. 290

P. 18

JLC ENVIRONMENTAL CONSULTANTS, INC.**CHAIN OF CUSTODY LOG**CLIENT: U.S. DEP WTC - LBA

PROJECT NUMBER:

03-2744SITE: 114 LIBERTY STREET NY, NY

LAB BATCH NUMBER:

03032-328TECHNICIAN: SHAWN KATHUMAL

SIGNATURE:

Shawn KathumalDATE: 03/08/03PROJECT MANAGER: A GASPARELOPAGE 01 OF 02

SAMPLE I.D.		DESCRIPTION / LOCATION	Sample Type					Size	RESULTS	
			Paint	Soil	Wipe	Water	Other		Content	Unit
SAMPLE #	FIELD #	LEAD DUST / FLOOR						12"		
LAB #		KITCHEN			✓			X	483.0	µg/ft ²
COLOR(S)								12"		
SAMPLE #	FIELD #	LEAD DUST / WAX						12"		
LAB #		LIVING ROOM			✓			X	620	
COLOR(S)		UPPER LEFT						12"		
SAMPLE #	FIELD #	LEAD DUST /						12"		
LAB #		COUNTER TOP			✓			X	520	
COLOR(S)		(KITCHEN)						12"		
SAMPLE #	FIELD #	PAH / FLOOR						12"		
LAB #		KITCHEN			✓			X		
COLOR(S)								12"		
SAMPLE #	FIELD #	PAH / WAX						12"		
LAB #		LIVING ROOM			✓			X		
COLOR(S)		CENTER (LEFT)						12"		
SAMPLE #	FIELD #	PAH / COUNTER TOP						12"		
LAB #		KITCHEN			✓			X		
COLOR(S)								12"		

Analysis Requested	Turnaround Time	Verbal Results to	Report to
	☐ 24 HRS ☐ 48 HRS ☐ Over 3 Days ☐ OTHER	NAME _____ PH/FAX# _____ DATE / / TIME :	NAME _____ ADDRESS: _____ DATE / / TIME :

RELINQUISHED BY: (print) <u>SHAWN KATHUMAL</u>	(sign) <u>Shawn Kathumal</u>	DATE	TIME
RECEIVED BY: (print) <u>Madell Collins</u>	(sign) <u>Madell Collins</u>	<u>09/08/03</u>	
RELINQUISHED BY: (print)	(sign)		
RECEIVED BY: (print)	(sign)		
ENTERED BY: (print)	(sign)		
CORRECTED BY: (print)	(sign)		

LAB NAME: <u>JLC</u>	METHODOLOGY	INSTRUMENT	COMMENTS:
ANALYZED BY: <u>MC</u>	☐ EPA SW846-3050/7420	Varian SpectrAA-250 Plus	
DATE: <u>3/6/03</u> TIME:	☐ EPA SW846-1979(4.1.3)/7420	☐ Air-Acetylene Flame	
QC BY: DATE:	☐ EPA 88-02-4550	☐ Graphite Furnace	

White Copy - Folder
 Yellow Copy - Laboratory
 Pink Copy - Project Manager

MAR. 10. 2003 1:13PM

JJL ENVIRONMENTAL TAL CONSULTANTS, INC.
 200 Park Avenue South, Suite 1001, New York, New York 10003
 Phone: (212) 420-8118 Fax: (212) 420-8092

NO. 290 P. 19

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: 101653

Project No.: 03-2744
 Analyte: LEAD/ WIPE
 Date Collected: 3/4/2003
 Date Received: 3/6/2003
 Date Analyzed: 3/6/2003
 Batch #: 0303L329

Site: 114 Liberty Street, 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)
1 2595 01	11th Floor/ Lead Dust/ Wall/ Lower Left Wall/ Bedroom	12x12	<20
2 2596 02	11th Floor/ Lead Dust/ Floor/ Hallway	12x12	32.0
3 2597 03	11th Floor/ Lead Dust/ Counter Top/ Kitchen	12x12	128.0

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: Shawn Rajkumar
 Analyzed By: Madell Collins

Minimum Detection 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

MAR. 10. 2003 1:13PM

JLC ENVIRONMENTAL

NO. 290

P. 20

JLC ENVIRONMENTAL CONSULTANTS, INC.**CHAIN OF CUSTODY LOG**CLIENT: US DEP - WTC LBA

PROJECT NUMBER:

03-2744SITE: 114 LIBERTY ST. N.Y. N.Y.

LAB BATCH NUMBER:

03082-329TECHNICIAN: SITAWN RAJUMALL

SIGNATURE:

ShajumaDATE: 09/08/03PROJECT MANAGER: A. CASPARLOPAGE 01 OF 02

SAMPLE I.D.		DESCRIPTION / LOCATION	Sample Type					Size	RESULTS	
SAMPLE #	FIELD #		Paint	Soil	Wipe	Water	Other		Content	Unit
01		LEAD DUST / WALL			✓			12" X 12"	<20	ug/ltr
02		LOWER LEFT WALL - BEDROOM			✓			12" X 12"	32.0	
03		LEAD DUST / FLOOR HALLWAY			✓			12" X 12"	128.0	
04		LEAD DUST / COUNTER TOP - KITCHEN			✓			12" X 12"		
05		PAH - WALL - UPPER LEFT WALL - BEDROOM			✓			12" X 12"		
06		PAH - FLOOR - HALLWAY			✓			12" X 12"		
07		PAH - COUNTER TOP - KITCHEN			✓			12" X 12"		

Analysis Requested	Turnaround Time	Verbal Results to	Report to
	☐ 24 HRS ☐ 48 HRS ☐ Over 3 Days ☐ OTHER	NAME _____ PHONE/FAX _____ DATE / / TIME :	NAME _____ ADDRESS _____ DATE / / TIME :

RELINQUISHED BY:(print)	(sign)	DATE	TIME
Sitawn Rajumall	Shajuma	09/08/03	
RECEIVED BY:(print)	(sign)		
RELINQUISHED BY:(print)	(sign)		
RECEIVED BY:(print)	(sign)		
ENTERED BY:(print)	(sign)		
CORRECTED BY:(print)	(sign)		

LAB NAME:	METHODOLOGY	INSTRUMENT	COMMENTS:
JLC	☐ EPA SW846-3060/7420 ☐ EPA SW846-1979(4.1.3)/7420 ☐ EPA 68-02-4550	Varian SpectraAA-250 Plus ☐ Air-Acetylene Flame ☐ Graphite Furnace	

White Copy = Folder
 Yellow Copy = Laboratory
 Pink Copy = Project Manager

MAR. 10. 2003 1:14PM

JLC ENVIRONMENTAL CONSULTANTS, INC.
 201 West Street, Suite 1001, New York, New York 10003
 Phone: (212) 420-8119 Fax: (212) 420-8092

NO. 290

P. 21

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: 3/8/2003
 Date Received: 3/8/2003
 Date Analyzed: 3/8/2003
 Batch #: 0303L330

Site: 114 Liberty Street, 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/ft ²)
--------------------------------------	-----------------------	---------------------------	--

1 2598 01	8th Floor/ Lead Dust/ Floor/ Hallway	12x12	<20
2 2599 02	8th Floor/ Lead Dust/ Wall/ Living Room/ Lower Left	12x12	<20
3 2600 03	8th Floor/ Lead Dust/ Counter Top/ Kitchen	12x12	<20

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: Shawn Rajkumar
 Analyzed By: Madeli Collins

Minimum Detection Limit = <20 ug/ft²

HUD "Guidelines for the Evaluation and Control of Lead-Based Paint Hazardous in Housing" 08/95; define the clearance standards, based on wipe sampling are: *40 ug/ft² for floors; *280 ug/ft² for interior window sills; *400 ug/ft² for window and exterior concrete or other rough

MAR. 10. 2003 1:14PM

JLC ENVIRONMENTAL

NO. 290 P. 22

8TH FLOOR.

JLC ENVIRONMENTAL CONSULTANTS, INC.**CHAIN OF CUSTODY LOG**CLIENT: U.S. Dep. WTC - LBA.

PROJECT NUMBER:

03-2744SITE: 114 LIBERTY STREET. N.Y. N.Y.

LAB BATCH NUMBER:

03032-330TECHNICIAN: SHAWN RAJUMAR

SIGNATURE:

PlajumarDATE: 03/05/03PROJECT MANAGER: A. GASPARD.PAGE 01 OF 02

SAMPLE I.D.	DESCRIPTION / LOCATION	Sample Type					Size	RESULTS	
		Paint	Soil	Wipe	Water	Other		Content	Unit
SAMPLE # <u>01</u> FIELD # <u>002598</u>	LEAD DUST - FLOOR HALLWAY.			✓			12" X 12"	<20	ug/f ²
SAMPLE # <u>02</u> FIELD # <u>002599</u>	LEAD DUST - W/H LIVING ROOM / LOWER LEFT			✓			12" X 12"	<20	
SAMPLE # <u>03</u> FIELD # <u>002600</u>	LEAD DUST - COUNTER TOP - KITCHEN.			✓			12" X 12"	<20	
SAMPLE # <u>04</u> FIELD #	PAH - FLOOR HALLWAY.			✓			12" X 12"		
SAMPLE # <u>05</u> FIELD #	PAH - W/H SP. LIVING ROOM / LOWER RIGHT.			✓			12" X 12"		
SAMPLE # <u>06</u> FIELD #	PAH - COUNTER TOP KITCHEN.			✓			12" X 12"		

Analysis Requested	Turnaround Time	Verbal Results to	Report to
	☐ 24 HRS ☐ 48 HRS ☐ Over 3 Days ☐ OTHER	NAME _____ PH/FAX# _____ DATE / / TIME :	NAME _____ ADDRESS: _____ DATE / / TIME :

RELINQUISHED BY: (print)	(sign)	DATE	TIME
<u>SHAWN RAJUMAR</u>	<u>Plajumar</u>	<u>03/05/03</u>	
RECEIVED BY: (print)	(sign)		
<u>Madell Collins</u>	<u>Madell Collins</u>		
RELINQUISHED BY: (print)	(sign)		
RECEIVED BY: (print)	(sign)		
ENTERED BY: (print)	(sign)		
CORRECTED BY: (print)	(sign)		

LAB NAME:	METHODOLOGY	INSTRUMENT	COMMENTS:
ANALYZED BY: <u>JLC</u>	☐ EPA SW846-3050/7420 ☐ EPA SW846-1979(4.1.3)/7420 ☐ EPA 88-02-4550	Varian SpectrAA-250 Plus ☐ Air-Acetylene Flame ☐ Graphite Furnace	
DATE: <u>3/6/03</u> TIME:			
QC BY: DATE:			

White Copy = Folder

Yellow Copy = Laboratory

Pink Copy = Project Manager

