

3. Final Clearance Dust Wipe **Results**



April 3, 2003

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

Attention: Ms. Penny Theodorellys

Reference: 114 Liberty Street, 12th Floor, New York, NY

Dear Ms. Theodorellys:

Enclosed please find the analytical results for Lead in Dust sampling conducted at 114 Liberty Street, 12th Floor, 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 SW846-6010B.

The current HUD Guidelines define the Leaded Dust Clearance levels (by wipe sampling) is 25ug/ft².

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.

A handwritten signature in cursive script, appearing to read "Gulam Machhiwala", is written over a horizontal line.

Gulam Machhiwala
Laboratory Director

cc:File

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

es New York City D.E.P.
 90 South Street
 Lushington, 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

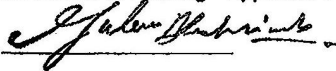
Sample # Lab # Client's Sample	Description/ Location	Area in Inches (L x W)	Lead Concentration (ug/ft2)
1 3412 01	Lead Wipe/ 11th Floor/ Upstairs/ Kitchen/ Floor	12x12	12.0
2 3413 02	Lead Wipe/ 11th Floor/ Upstairs/ Kitchen/ Counter Top	12x12	<9
3 3414 03	Lead Wipe/ 11th Floor/ Upstairs/ Kitchen/ East Wall/ Lower Right	12x12	<9
4 3415 04	Lead Wipe/ 11th Floor/ Downstairs/ Kitchen/ Floor	12x12	<9

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 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

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 3rd Floor
 111 West 11th Street
 New York, NY 10003

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
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SUMMARY OF ANALYTICAL RESULTS - DUST WIPE

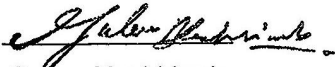
Sample # Lab # Client's Sample	Description/ Location	Area in Inches (L x W)	Lead Concentration (ug/ft2)
5 3416 05	Lead Wipe/ 11th Floor/ Downstairs/ Kitchen/ Counter Top	12x12	<9
6 3417 06	Lead Wipe/ 11th Floor/ Downstairs/ South East Bathroom/ North Wall/ Lower Right	12x12	<9
7 3418 07	Lead Wipe/ 10th Floor/ Kitchen/ Floor	12x12	<9
8 3419 08	Lead Wipe/ 10th Floor/ Kitchen/ Counter Top	12x12	<9

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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 Analyzed By: Madell Collins

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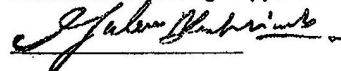
Sample # Lab # Client's Sample	Description/ Location	Area in Inches (L x W)	Lead Concentration (ug/ft2)
9 3420 09	Lead Wipe/ 10th Floor/ South East Bathroom/ North Wall/ Lower Left	12x12	<9
10 3421 10	Lead Wipe/ 9th Floor/ Kitchen/ Floor	12x12	12.5
11 3422 11	Lead Wipe/ 9th Floor/ Kitchen/ Counter Top	12x12	<9
12 3423 12	Lead Wipe/ 9th Floor/ South East Bathroom/ North Wall/ Lower Right	12x12	<9

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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 Laboratory Director

Collected By: Peter Kosiowsky
 Analyzed By: Madell Collins

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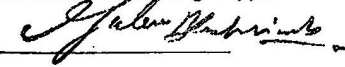
Sample # Lab # Client's Sample	Description/ Location	Area in Inches (L x W)	Lead Concentration (ug/ft2)
13 3424 13	Lead Wipe/ 8th Floor/ Hallway/ Floor	12x12	<9
14 3425 14	Lead Wipe/ 8th Floor/ Kitchen/ Counter Top	12x12	<9
15 3426 15	Lead Wipe/ 8th Floor/ South East Bathroom/ North Wall/ Lower Left	12x12	<9
16 3427 16	Lead Wipe/ 7th Floor/ Hallway/ Floor	12x12	<9

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Gulam Machhiwala
 Laboratory Director

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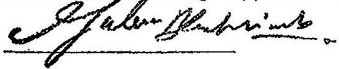
Sample # Lab # Client's Sample	Description/ Location	Area in Inches (L x W)	Lead Concentration (ug/ft2)
17 3428 17	Lead Wipe/ 7th Floor/ Kitchen/ Counter Top	12x12	<9
18 3429 18	Lead Wipe/ 7th Floor/ South East Bathroom/ North Wall/ Lower Left	12x12	<9
19 3430 19	Lead Wipe/ 6th Floor/ Hallway/ Floor	12x12	<9
20 3431 20	Lead Wipe/ 6th Floor/ Kitchen/ Counter Top	12x12	<9

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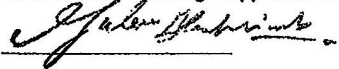
Sample # Lab # Client's Sample	Description/ Location	Area in Inches (L x W)	Lead Concentration (ug/ft2)
21 3432 21	Lead Wipe/ 6th Floor/ South East Bathroom/ North Wall/ Lower Left	12x12	<9
22 3433 22	Lead Wipe/ 5th Floor/ Hallway/ Floor	12x12	<9
23 3434 23	Lead Wipe/ 5th Floor/ Kitchen/ Counter Top	12x12	<9
24 3435 24	Lead Wipe/ 5th Floor/ South East Bathroom/ North Wall/ Lower Left	12x12	<9

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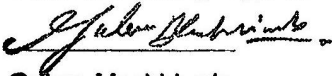
Sample # Lab # Client's Sample	Description/ Location	Area in Inches (L x W)	Lead Concentration (ug/ft2)
25 3436 25	Lead Wipe/ 4th Floor/ Hallway/ Floor	12x12	<9
26 3437 26	Lead Wipe/ 4th Floor/ Kitchen/ Counter Top	12x12	<9
27 3438 27	Lead Wipe/ 4th Floor/ South East Bathroom/ North Wall/ Lower Left	12x12	<9
28 3439 28	Lead Wipe/ 3rd Floor/ Hallway/ Floor	12x12	<9

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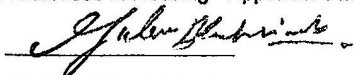
Sample # Lab # Client's Sample	Description/ Location	Area in Inches (L x W)	Lead Concentration (ug/ft2)
29 3440 29	Lead Wipe/ 3rd Floor/ Kitchen/ Counter Top	12x12	<9
30 3441 30	Lead Wipe/ 3rd Floor/ South West Bathroom/ West Wall/ Lower Left	12x12	<9
31 3442 31	FIELD BLANK		<9/ Wipe
32 3443 32	FIELD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

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

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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

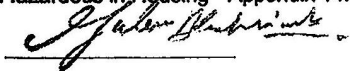
<9/ Wipe

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JLC ENVIRONMENTAL CONSULTANTS, INC.

CHAIN OF CUSTODY LOG

CLIENT: NYCDEP PROJECT NUMBER: 03-2794
114 Liberty St LAB BATCH NUMBER: 03032-410
 TECHNICIAN: Peter Koslowsky SIGNATURE: P. Koslowsky DATE: 3/29/03
 PROJECT MANAGER: A. Gasparro PAGE 1 OF 10

SAMPLE INFORMATION										
SAMPLE I.D.		DESCRIPTION / LOCATION	Sample Type					Size	RESULTS	
			Paint	Soil	Wipe	Water	Other		Content	Unit
SAMPLE #	FIELD #	01	Lead wipe, 11 th floor			X			12"	
LAB #		003412	Upstairs, Kitchen						X	
COLOR(S)			Floor						12"	12.0 ug/l ²
SAMPLE #	FIELD #	02	Lead wipe, 11 th floor			X			12"	
LAB #		003413	Upstairs, Kitchen						X	
COLOR(S)			counter top						12"	<9
SAMPLE #	FIELD #	03	Lead wipe, 11 th floor			X			12"	
LAB #		003414	Upstairs, Kitchen						X	
COLOR(S)			East wall, lower right.						12"	<9
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										

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

CHAIN OF CUSTODY		DATE	TIME
RELINQUISHED BY: (print) <u>Peter Koslowsky</u>	(sign) <u>P. Koslowsky</u>	<u>3/29/03</u>	
RECEIVED BY: (print) <u>Madell Collins</u>	(sign) <u>Madell Collins</u>	<u>3/30/03</u>	
RELINQUISHED BY: (print) _____	(sign) _____	____/____/____	
RECEIVED BY: (print) _____	(sign) _____	____/____/____	
ENTERED BY: (print) _____	(sign) _____	____/____/____	
CORRECTED BY: (print) _____	(sign) _____	____/____/____	

LAB INFORMATION			
LAB NAME	METHODOLOGY	INSTRUMENT	COMMENTS
<u>JLC</u>	☐ EPA SW846-3050/7420	Varian SpectraAA-250 Plus	
ANALYZED BY: <u>mc</u>	☐ EPA SW846-1979(4.1.3)/7420	☐ Air-Acetylene Flame	
DATE: <u>3/30/03</u> TIME: _____	☐ EPA 68-02-4550	☐ Graphite Furnace	
QC BY: _____ DATE: _____			

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

JLC ENVIRONMENTAL CONSULTANTS, INC.**CHAIN OF CUSTODY LOG**CLIENT: NYC DEP

PROJECT NUMBER:

03-2744114 Liberty St

LAB BATCH NUMBER:

03032-410TECHNICIAN: Peter KoslowskySIGNATURE: P. KoslowskyDATE: 3/29/03PROJECT MANAGER: A. GasparroPAGE 2 OF 10

SAMPLE INFORMATION										
SAMPLE I.D.		DESCRIPTION / LOCATION	Sample Type					Size	RESULTS	
			Paint	Soil	Wipe	Water	Other		Content	Unit
SAMPLE #	FIELD #	Lead wipe, 11 th floor, downstairs, Kitchen floor			X			12"		
LAB #								X	L9	ng/l ²
COLOR(S)								12"		
SAMPLE #	FIELD #	Lead wipe, 11 th floor downstairs, Kitchen counter top			X			12"		
LAB #								X	L9	
COLOR(S)								12"		
SAMPLE #	FIELD #	Lead wipe, 11 th floor, downstairs, S.E. Bathroom, SW wall, lower right			X			12"		
LAB #								X	L9	
COLOR(S)								12"		
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										

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

CHAIN OF CUSTODY		DATE	TIME
RELINQUISHED BY: (print) <u>Peter Koslowsky</u>	(sign) <u>P. Koslowsky</u>	<u>3/29/03</u>	
RECEIVED BY: (print) <u>Madell Collins</u>	(sign) <u>Madell Collins</u>	<u>3/30/03</u>	
RELINQUISHED BY: (print) _____	(sign) _____	____/____/____	
RECEIVED BY: (print) _____	(sign) _____	____/____/____	
ENTERED BY: (print) _____	(sign) _____	____/____/____	
CORRECTED BY: (print) _____	(sign) _____	____/____/____	

LAB INFORMATION			
LAB NAME: <u>JEC</u>	METHODOLOGY	INSTRUMENT	COMMENTS:
ANALYZED BY: <u>mc</u>	☐ EPA SW846-3050/7420	Varian SpectraAA-250 Plus	
DATE: <u>3/30/03</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
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JLC ENVIRONMENTAL CONSULTANTS, INC.

CHAIN OF CUSTODY LOG

CLIENT: NYCDEP

PROJECT NUMBER: 03-2794

114 Liberty St

LAB BATCH NUMBER: 03032-410

TECHNICIAN: Peter Koslowsky

SIGNATURE: [Signature]

DATE: 3 29 103

PROJECT MANAGER: A. Gasparro

PAGE 3 OF 10

SAMPLE INFORMATION										
SAMPLE I.D.		DESCRIPTION / LOCATION	Sample Type					Size	RESULTS	
SAMPLE #	FIELD #		Paint	Soil	Wipe	Water	Other		Content	Unit
07		Lead wipe, 10 th floor Kitchen floor			X			12" X 12"	29	ng/l ²
08		Lead wipe, 10 th floor Kitchen counter top			X			12" X 12"	29	
09		Lead wipe, 10 th floor S.E. Bathroom, North wall lower left			X			12" X 12"	29	

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

CHAIN OF CUSTODY		DATE	TIME
RELINQUISHED BY: (print) <u>Peter Koslowsky</u>	(sign) <u>[Signature]</u>	<u>3 29 103</u>	
RECEIVED BY: (print) <u>Madell Collins</u>	(sign) <u>[Signature]</u>	<u>3 30 103</u>	
RELINQUISHED BY: (print) _____	(sign) _____	____/____/____	
RECEIVED BY: (print) _____	(sign) _____	____/____/____	
ENTERED BY: (print) _____	(sign) _____	____/____/____	
CORRECTED BY: (print) _____	(sign) _____	____/____/____	

LAB INFORMATION			COMMENTS:
LAB NAME: <u>JLC</u>	METHODOLOGY	INSTRUMENT	
ANALYZED BY: <u>[Signature]</u>	☐ EPA SW846-3050/7420	Varian SpectrAA-250 Plus	
DATE: <u>3 30 103</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

JLC ENVIRONMENTAL CONSULTANTS, INC.**CHAIN OF CUSTODY LOG**

CLIENT: NYC DEP PROJECT NUMBER: 03-2749
114 Liberty St LAB BATCH NUMBER: 03034-410
 TECHNICIAN: Petar Koslowsky SIGNATURE: Petar Koslowsky DATE: 3/29/03
 PROJECT MANAGER: A. Gasparro PAGE 4 OF 10

SAMPLE INFORMATION										
SAMPLE I.D.		DESCRIPTION / LOCATION	Sample Type					Size	RESULTS	
SAMPLE #	FIELD #		Paint	Soil	Wipe	Water	Other		Content	Unit
10		Lead wipe, 9th floor			X			12"		
LAB #	003421	Kitchen floor						X	12.5	ug/lb
COLOR(S)								6"		
11		Lead wipe, 9th floor			X			12"		
LAB #	003422	Kitchen counter top						X	19	
COLOR(S)								12"		
12		Lead wipe, 9th floor			X			12"		
LAB #	003423	SE Bathroom						X	19	
COLOR(S)		North wall, Lower right						12"		
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										

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

CHAIN OF CUSTODY		DATE	TIME
RELINQUISHED BY: (print) <u>Petar Koslowsky</u>	(sign) <u>Petar Koslowsky</u>	<u>3/29/03</u>	
RECEIVED BY: (print) <u>Madell Collins</u>	(sign) <u>Madell Collins</u>	<u>/ /</u>	
RELINQUISHED BY: (print) _____	(sign) _____	<u>/ /</u>	
RECEIVED BY: (print) _____	(sign) _____	<u>/ /</u>	
ENTERED BY: (print) _____	(sign) _____	<u>/ /</u>	
CORRECTED BY: (print) _____	(sign) _____	<u>/ /</u>	

LAB INFORMATION			COMMENTS:
LAB NAME: <u>JLC</u>	METHODOLOGY	INSTRUMENT	
ANALYZED BY: <u>MC</u>	☐ EPA SW846-3050/7420	Varian SpectraAA-250 Plus	
DATE: <u>3/30/03</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

JLC ENVIRONMENTAL CONSULTANTS, INC.**CHAIN OF CUSTODY LOG**CLIENT: NYCDEP

PROJECT NUMBER:

03-2744114 Liberty St

LAB BATCH NUMBER:

03032-410TECHNICIAN: Peter Koslowsky SIGNATURE: P. KoslowskyDATE: 3/29/03PROJECT MANAGER: A. GasparroPAGE 5 OF 10

SAMPLE INFORMATION										
SAMPLE I.D.		DESCRIPTION / LOCATION	Sample Type					Size	RESULTS	
			Paint	Soil	Wipe	Water	Other		Content	Unit
SAMPLE # <u>13</u>	FIELD #	<u>Lead wipe, 8th floor Hallway floor</u>			<u>X</u>			<u>12"</u> <u>X</u> <u>12"</u>	<u>19</u>	<u>ug/l</u>
LAB # <u>003424</u>										
COLOR(S)										
SAMPLE # <u>14</u>	FIELD #	<u>Lead wipe, 8th floor Kitchen Counter top</u>			<u>X</u>			<u>12"</u> <u>X</u> <u>12"</u>	<u>19</u>	
LAB # <u>003425</u>										
COLOR(S)										
SAMPLE # <u>15</u>	FIELD #	<u>Lead wipe, 8th floor S.E. Bathroom, North wall Lower Left</u>			<u>X</u>			<u>12"</u> <u>X</u> <u>12"</u>	<u>19</u>	
LAB # <u>003426</u>										
COLOR(S)										
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										

TECHNICIAN'S LOG

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

CHAIN OF CUSTODY

	DATE	TIME
RELINQUISHED BY: (print) <u>Peter Koslowsky</u> (sign) <u>P. Koslowsky</u>	<u>3/29/03</u>	
RECEIVED BY: (print) <u>Nadell Collias</u> (sign) <u>Nadell Collias</u>	<u>3/30/03</u>	
RELINQUISHED BY: (print) _____ (sign) _____	<u>/ /</u>	
RECEIVED BY: (print) _____ (sign) _____	<u>/ /</u>	
ENTERED BY: (print) _____ (sign) _____	<u>/ /</u>	
CORRECTED BY: (print) _____ (sign) _____	<u>/ /</u>	

LAB INFORMATION

LAB NAME:	METHODOLOGY	INSTRUMENT	COMMENTS:
<u>JEC</u>	☐ EPA SW846-3050/7420	Varian SpectraAA-250 Plus	
ANALYZED BY: <u>JEC</u>	☐ EPA SW846-1979(4.1.3)/7420	☐ Air-Acetylene Flame	
DATE: <u>3/30/03</u> TIME: _____	☐ EPA 68-02-4550	☐ Graphite Furnace	
QC BY: _____ DATE: _____			

White Copy = Folder

Yellow Copy = Laboratory

Pink Copy = Project Manager

JLC ENVIRONMENTAL CONSULTANTS, INC.**CHAIN OF CUSTODY LOG**

CLIENT: NYCDEP PROJECT NUMBER: 03-2744
114 Liberty St. LAB BATCH NUMBER: 03031-410
 TECHNICIAN: Peter Koslowski SIGNATURE: Peter Koslowski DATE: 3/29/03
 PROJECT MANAGER: M. N. Khan A. Gasparro PAGE 6 OF 10

SAMPLE INFORMATION										
SAMPLE I.D.		DESCRIPTION / LOCATION	Sample Type					Size	RESULTS	
			Paint	Soil	Wipe	Water	Other		Content	Unit
SAMPLE #	FIELD #	Lead wipe, 7 th floor Hallway floor			X			12" X 12"	<9	ug/l ^{1/2}
LAB #										
COLOR(S)										
SAMPLE #	FIELD #	Lead wipe, 7 th floor Kitchen counter top			X			12" X 12"	<9	
LAB #										
COLOR(S)										
SAMPLE #	FIELD #	Lead wipe, 7 th floor S.E. Bathroom, north wall, lower left.			X			12" X 12"	<9	
LAB #										
COLOR(S)										
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										

TECHNICIAN'S LOG			
Analysis Requested	Turnaround Time	Verbal Results to	Report to
	☒ 24 HRS	NAME _____	NAME _____
	☐ 48 HRS	PH/P/G/FAX# _____	ADDRESS: _____
	☐ Over 3 Days	DATE / / TIME _____	DATE / / TIME _____
	☐ OTHER _____		

CHAIN OF CUSTODY		DATE	TIME
RELINQUISHED BY: (print) <u>Peter Koslowski</u>	(sign) <u>Peter Koslowski</u>	<u>3/29/03</u>	
RECEIVED BY: (print) <u>Madell Collins</u>	(sign) <u>Madell Collins</u>	<u>3/30/03</u>	
RELINQUISHED BY: (print) _____	(sign) _____	____/____/____	
RECEIVED BY: (print) _____	(sign) _____	____/____/____	
ENTERED BY: (print) _____	(sign) _____	____/____/____	
CORRECTED BY: (print) _____	(sign) _____	____/____/____	

LAB INFORMATION			
LAB NAME: <u>JLC</u>	METHODOLOGY	INSTRUMENT	COMMENTS:
ANALYZED BY: <u>MC</u>	☐ EPA SW846-3050/7420	Varian SpectrAA-250 Plus	
DATE: <u>3/30/03</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

JLC ENVIRONMENTAL CONSULTANTS, INC.

CHAIN OF CUSTODY LOG

CLIENT: NYC DEP PROJECT NUMBER: 03-2749
114 Liberty St. LAB BATCH NUMBER: 0303A-410
 TECHNICIAN: Peter Koslowsky SIGNATURE: Peter Koslowsky DATE: 5/29/03
 PROJECT MANAGER: A. Gaspario PAGE 7 OF 10

SAMPLE INFORMATION										
SAMPLE I.D.		DESCRIPTION / LOCATION	Sample Type					Size	RESULTS	
			Paint	Soil	Wipe	Water	Other		Content	Unit
SAMPLE #	FIELD #	Lead wipe, 6 th floor Hallway floor			X			12" X 12"	19	ug/l ²
LAB #										
COLOR(S)										
SAMPLE #	FIELD #	Lead wipe, 6 th floor Kitchen counter top			X			12" X 12"	19	
LAB #										
COLOR(S)										
SAMPLE #	FIELD #	Lead wipe, 6 th floor, S.E. Bathroom, North wall, tower loft.			X			12" X 12"	19	
LAB #										
COLOR(S)										
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										

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

CHAIN OF CUSTODY		DATE	TIME
RELINQUISHED BY: (print) <u>Peter Koslowsky</u>	(sign) <u>Peter Koslowsky</u>	<u>5/29/03</u>	
RECEIVED BY: (print) <u>Nadell Collins</u>	(sign) <u>Nadell Collins</u>	<u>5/30/03</u>	
RELINQUISHED BY: (print) _____	(sign) _____	____/____/____	
RECEIVED BY: (print) _____	(sign) _____	____/____/____	
ENTERED BY: (print) _____	(sign) _____	____/____/____	
CORRECTED BY: (print) _____	(sign) _____	____/____/____	

LAB INFORMATION			
LAB NAME:	METHODOLOGY	INSTRUMENT	COMMENTS:
<u>JLC MC</u>	☐ EPA SW846-3050/7420	Varian SpectraAA-250 Plus	
ANALYZED BY: <u>MC</u>	☐ EPA SW846-1979(4.1.3)/7420	☐ Air-Acetylene Flame	
DATE: <u>5/30/03</u> TIME: _____	☐ EPA 68-02-4550	☐ Graphite Furnace	
QC BY: _____ DATE: _____			

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

JLC ENVIRONMENTAL CONSULTANTS, INC.**CHAIN OF CUSTODY LOG**

CLIENT: NYC DEP PROJECT NUMBER: 03-2744
114 Liberty St. LAB BATCH NUMBER: 0303L-410
 TECHNICIAN: Peter Koslowsky SIGNATURE: Peter Koslowsky DATE: 3/29/03
 PROJECT MANAGER: M. A. Gasparro PAGE 8 OF 10

SAMPLE INFORMATION										
SAMPLE I.D.		DESCRIPTION / LOCATION	Sample Type					Size	RESULTS	
			Paint	Soil	Wipe	Water	Other		Content	Unit
SAMPLE # 22	FIELD #	Lead wipe, 5 th floor			X			12" x 12"	19	mg/ft ²
LAB # 003433		Hallway floor								
COLOR(S)										
SAMPLE # 23	FIELD #	Lead wipe, 5 th floor			X			12" x 12"	19	
LAB # 003434		Kitchen Counter top								
COLOR(S)										
SAMPLE # 24	FIELD #	Lead wipe, 5 th floor			X			12" x 12"	19	
LAB # 003435		S.E. Bathroom, North								
COLOR(S)		Wall, Lower left								
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										

TECHNICIAN'S LOG			
Analysis Requested	Turnaround Time	Verbal Results to	Report to
	☒ 24 HRS	NAME _____	NAME _____
	☐ 48 HRS	PH/P/G/FAX# _____	ADDRESS: _____
	☐ Over 3 Days	DATE / / TIME	DATE / / TIME
	☐ OTHER _____		

CHAIN OF CUSTODY		DATE	TIME
RELINQUISHED BY: (print) <u>Peter Koslowsky</u>	(sign) <u>Peter Koslowsky</u>	<u>3/29/03</u>	
RECEIVED BY: (print) <u>Madell Collins</u>	(sign) <u>Madell Collins</u>	<u>3/30/03</u>	
RELINQUISHED BY: (print) _____	(sign) _____	____/____/____	
RECEIVED BY: (print) _____	(sign) _____	____/____/____	
ENTERED BY: (print) _____	(sign) _____	____/____/____	
CORRECTED BY: (print) _____	(sign) _____	____/____/____	

LAB INFORMATION			
LAB NAME:	METHODOLOGY	INSTRUMENT	COMMENTS:
ANALYZED BY: <u>JLC</u>	☐ EPA SW846-3050/7420	Varian SpectraAA-250 Plus	
DATE: <u>3/30/03</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

JLC ENVIRONMENTAL CONSULTANTS, INC.**CHAIN OF CUSTODY LOG**

CLIENT: NYC DEP PROJECT NUMBER: 03-0744
114 Liberty St. LAB BATCH NUMBER: 03032-410
 TECHNICIAN: Peter Koslowsky SIGNATURE: Peter Koslowsky DATE: 3/29/03
 PROJECT MANAGER: A. Gassparro PAGE 9 OF 10

SAMPLE INFORMATION										
SAMPLE I.D.		DESCRIPTION / LOCATION	Sample Type					Size	RESULTS	
			Paint	Soil	Wipe	Water	Other		Content	Unit
SAMPLE # 25	FIELD #	Leadwipes, 4th floor Hallway floor			X			12" X 12"	L9	ug/H2
LAB # 003436										
COLOR(S)										
SAMPLE # 26	FIELD #	Leadwipes, 4th floor Kitchen counter top			X			12" X 12"	29	
LAB # 003437										
COLOR(S)										
SAMPLE # 27	FIELD #	Leadwipes, 4th floor S. & Bathroom, North wall, lower left.			X			12" X 12"	L9	
LAB # 003438										
COLOR(S)										
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										

TECHNICIAN'S LOG			
Analysis Requested	Turnaround Time	Verbal Results to	Report to
	☒ 24 HRS ☐ 48 HRS ☐ Over 3 Days ☐ OTHER	NAME _____ PH/PG/FAX# _____ DATE / / TIME	NAME _____ ADDRESS _____ DATE / / TIME

CHAIN OF CUSTODY		DATE	TIME
RELINQUISHED BY: (print) <u>Peter Koslowsky</u>	(sign) <u>Peter Koslowsky</u>	<u>3/29/03</u>	
RECEIVED BY: (print) <u>Madell Collins</u>	(sign) <u>Madell Collins</u>	<u>3/30/03</u>	
RELINQUISHED BY: (print) _____	(sign) _____	____/____/____	
RECEIVED BY: (print) _____	(sign) _____	____/____/____	
ENTERED BY: (print) _____	(sign) _____	____/____/____	
CORRECTED BY: (print) _____	(sign) _____	____/____/____	

LAB INFORMATION			
LAB NAME: <u>JLC</u>	METHODOLOGY	INSTRUMENT	COMMENTS:
ANALYZED BY: <u>MC</u>	☐ EPA SW846-3050/7420	Varian SpectraAA-250 Plus	
DATE: <u>3/30/03</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

JLC ENVIRONMENTAL CONSULTANTS, INC.**CHAIN OF CUSTODY LOG**

CLIENT: NYC DEP PROJECT NUMBER: 03-2744
114 Liberty St LAB BATCH NUMBER: 03032-1410
 TECHNICIAN: Peter Koslowsky SIGNATURE: [Signature] DATE: 3/29/03
 PROJECT MANAGER: A. Gasparro PAGE 10 OF 10

SAMPLE INFORMATION										
SAMPLE I.D.		DESCRIPTION / LOCATION	Sample Type					Size	RESULTS	
			Paint	Soil	Wipe	Water	Other		Content	Unit
SAMPLE #	FIELD #	Lead wipe, 3 rd floor Hallway floor			X			12"	X	19 ug/l ²
LAB #								12"		
COLOR(S)										
SAMPLE #	FIELD #	Lead wipe, 3 rd floor Kitchen counter top			X			12"	X	19
LAB #								12"		
COLOR(S)										
SAMPLE #	FIELD #	Lead wipe, 3 rd floor S.W. Bathroom, West Wall, Lower left			X			12"	X	19
LAB #								12"		
COLOR(S)										
SAMPLE #	FIELD #	FIELD BLANK			X					19/wipe
LAB #										
COLOR(S)										
SAMPLE #	FIELD #	FIELD BLANK			X					19/wipe
LAB #										
COLOR(S)										
SAMPLE #	FIELD #	FIELD BLANK			X					19/wipe
LAB #										
COLOR(S)										

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

CHAIN OF CUSTODY		DATE	TIME
RELINQUISHED BY: (print) <u>Peter Koslowsky</u>	(sign) <u>[Signature]</u>	<u>3/29/03</u>	
RECEIVED BY: (print) <u>Madel Collins</u>	(sign) <u>[Signature]</u>	<u>3/30/03</u>	
RELINQUISHED BY: (print) _____	(sign) _____	____/____/____	
RECEIVED BY: (print) _____	(sign) _____	____/____/____	
ENTERED BY: (print) _____	(sign) _____	____/____/____	
CORRECTED BY: (print) _____	(sign) _____	____/____/____	

LAB INFORMATION			
LAB NAME:	METHODOLOGY	INSTRUMENT	COMMENTS:
ANALYZED BY: <u>JLC</u>	☐ EPA SW846-3050/7420	Varian SpectraAA-250 Plus	
DATE: <u>3/30/03</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



4418 Pottsville Pike Reading, PA 19605
(Tel) 610-921-8833 (Fax) 610-921-9667

INDUSTRIAL HYGIENE

•EPA PA-00136
•AIHA ACCREDITATION NO. 100439
•NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
•PA DEP 06-353
•NJ DEP PA020
•CT DPH PH-0238

April 16, 2003

Andrew Gasparro
JLC Env. Consultants Inc.
200 Park Ave S
Suite 1001
New York, NY 10003-1503

TEL: (212) 420-8119
FAX (212) 420-6092

RE: NYC DEP - Dioxin wipes

Order No.: R03040083

Dear Andrew Gasparro:

PSC Analytical Services received 30 samples on 4/1/2003 for the analyses presented in the following Certificate of Analytical Results.

The analyses and all data for associated QC met regulatory and/or laboratory specifications. Exceptions will be noted in an enclosed Case Narrative.

The results on the attached Certificate of Analytical results relate only to items tested or to the samples as received by the laboratory. This Certificate of Analytical Results shall not be reproduced, except in full, without the written approval of PSC Analytical, Reading, PA.

Please note that any unused portion of the samples will be disposed of 30 days following issuance of report, unless you have requested otherwise.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Fred Usbeck
Manager, CIH

4418 Pottsville Pike, Reading, PA 19605 610-921-8833 FAX 610-921-8407



4418 Pottsville Pike Reading, PA 19605
(Tel) 610-921-8833 (Fax) 610-921-9667

INDUSTRIAL HYGIENE

•EPA PA-00136
•AIHA ACCREDITATION NO. 100439
•NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10908
•PA DEP 06-353
•NJ DEP PA020
•CT DPH PH-0238

Date: 16-Apr-03

CLIENT: JLC Env. Consultants Inc. **Lab Order:** R03040083
Project: NYC DEP - Dioxin wipes

Lab ID: R03040083-01 **Collection Date:** 3/29/2003
Client Sample ID: 13657 (01, 3rd Floor) **Matrix:** WIPE
Analyses **Result** **Limit Qual Units** **DF** **Date Analyzed**
DIOXINS AND FURANS **SW8290** **Analyst: SUB**
TCDD/TCDF See Attached 1 4/9/2003

Lab ID: R03040083-02 **Collection Date:** 3/29/2003
Client Sample ID: 13658 (02, 3rd Floor) **Matrix:** WIPE
Analyses **Result** **Limit Qual Units** **DF** **Date Analyzed**
DIOXINS AND FURANS **SW8290** **Analyst: SUB**
TCDD/TCDF See Attached 1 4/9/2003

Lab ID: R03040083-03 **Collection Date:** 3/29/2003
Client Sample ID: 13659 (03, 3rd Floor) **Matrix:** WIPE
Analyses **Result** **Limit Qual Units** **DF** **Date Analyzed**
DIOXINS AND FURANS **SW8290** **Analyst: SUB**
TCDD/TCDF See Attached 1 4/9/2003

Lab ID: R03040083-04 **Collection Date:** 3/29/2003
Client Sample ID: 13660 (01, 4th Floor) **Matrix:** WIPE
Analyses **Result** **Limit Qual Units** **DF** **Date Analyzed**
DIOXINS AND FURANS **SW8290** **Analyst: SUB**
TCDD/TCDF See Attached 1 4/9/2003

Lab ID: R03040083-05 **Collection Date:** 3/29/2003
Client Sample ID: 13661 (02, 4th Floor) **Matrix:** WIPE
Analyses **Result** **Limit Qual Units** **DF** **Date Analyzed**
DIOXINS AND FURANS **SW8290** **Analyst: SUB**
TCDD/TCDF See Attached 1 4/9/2003

Qualifiers: BRL - Below Reporting Limit S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank E - Value above quantitation range
* - Value exceeds Maximum Contaminant Level



4418 Pottsville Pike Reading, PA 19605
(Tel) 610-921-9833 (Fax) 610-921-9667

INDUSTRIAL HYGIENE

•EPA PA-00136
•AIHA ACCREDITATION NO. 100499
•NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
•PA DEP 06-353
•NJ DEP PA020
•CT DPH PH-0288

Date: 16-Apr-03

CLIENT: JLC Env. Consultants Inc. Lab Order: R03040083
Project: NYC DEP - Dioxin wipes

Lab ID: R03040083-06 Collection Date: 3/29/2003
Client Sample ID: 13662 (03, 4th Floor) Matrix: WIPE
Analyses Result Limit Qual Units DF Date Analyzed
DIOXINS AND FURANS SW8290 Analyst: SUB
TCDD/TCDF See Attached 1 4/9/2003

Lab ID: R03040083-07 Collection Date: 3/29/2003
Client Sample ID: 13663 (01, 5th Floor) Matrix: WIPE
Analyses Result Limit Qual Units DF Date Analyzed
DIOXINS AND FURANS SW8290 Analyst: SUB
TCDD/TCDF See Attached 1 4/9/2003

Lab ID: R03040083-08 Collection Date: 3/29/2003
Client Sample ID: 13664 (02, 5th Floor) Matrix: WIPE
Analyses Result Limit Qual Units DF Date Analyzed
DIOXINS AND FURANS SW8290 Analyst: SUB
TCDD/TCDF See Attached 1 4/9/2003

Lab ID: R03040083-09 Collection Date: 3/29/2003
Client Sample ID: 13665 (03, 5th Floor) Matrix: WIPE
Analyses Result Limit Qual Units DF Date Analyzed
DIOXINS AND FURANS SW8290 Analyst: SUB
TCDD/TCDF See Attached 1 4/9/2003

Lab ID: R03040083-10 Collection Date: 3/29/2003
Client Sample ID: 13666 (01, 6th Floor) Matrix: WIPE
Analyses Result Limit Qual Units DF Date Analyzed
DIOXINS AND FURANS SW8290 Analyst: SUB
TCDD/TCDF See Attached 1 4/9/2003

Qualifiers:
BRL - Below Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

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4418 Pottsville Pike Reading, PA 19605
(Tel) 610-921-8833 (Fax) 610-921-9667

INDUSTRIAL HYGIENE

•EPA PA-00136
•AIHA ACCREDITATION NO. 100439
•NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
•PA DEP 06-353
•NJ DEP PA020
•CT DPH PH-0238

Date: 16-Apr-03

CLIENT: JLC Env. Consultants Inc. Lab Order: R03040083
Project: NYC DEP - Dioxin wipes

Lab ID: R03040083-11 Collection Date: 3/29/2003
Client Sample ID: 13667 (02, 6th Floor) Matrix: WIPE
Analyses Result Limit Qual Units DF Date Analyzed
DIOXINS AND FURANS SW8290 Analyst: SUB
TCDD/TCDF See Attached 1 4/9/2003

Lab ID: R03040083-12 Collection Date: 3/29/2003
Client Sample ID: 13668 (03, 6th Floor) Matrix: WIPE
Analyses Result Limit Qual Units DF Date Analyzed
DIOXINS AND FURANS SW8290 Analyst: SUB
TCDD/TCDF See Attached 1 4/9/2003

Lab ID: R03040083-13 Collection Date: 3/29/2003
Client Sample ID: 13669 (01, 7th Floor) Matrix: WIPE
Analyses Result Limit Qual Units DF Date Analyzed
DIOXINS AND FURANS SW8290 Analyst: SUB
TCDD/TCDF See Attached 1 4/9/2003

Lab ID: R03040083-14 Collection Date: 3/29/2003
Client Sample ID: 13670 (02, 7th Floor) Matrix: WIPE
Analyses Result Limit Qual Units DF Date Analyzed
DIOXINS AND FURANS SW8290 Analyst: SUB
TCDD/TCDF See Attached 1 4/9/2003

Lab ID: R03040083-15 Collection Date: 3/29/2003
Client Sample ID: 13671 (03, 7th Floor) Matrix: WIPE
Analyses Result Limit Qual Units DF Date Analyzed
DIOXINS AND FURANS SW8290 Analyst: SUB
TCDD/TCDF See Attached 1 4/9/2003

Qualifiers:
BRL - Below Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range



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INDUSTRIAL HYGIENE

•EPA PA-00136
•AIHA ACCREDITATION NO. 100489
•NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10908
•PA DEP 06-353
•NJ DEP PA020
•CT DPH PH-0238

Date: 16-Apr-03

CLIENT: JLC Env. Consultants Inc. **Lab Order:** R03040083
Project: NYC DEP - Dioxin wipes

Lab ID: R03040083-16 **Collection Date:** 3/29/2003
Client Sample ID: 13672 (01, 8th Floor) **Matrix:** WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIOXINS AND FURANS TCDD/TCDF	See Attached	SW8290			1	Analyst: SUB 4/9/2003

Lab ID: R03040083-17 **Collection Date:** 3/29/2003
Client Sample ID: 13673 (02, 8th Floor) **Matrix:** WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIOXINS AND FURANS TCDD/TCDF	See Attached	SW8290			1	Analyst: SUB 4/9/2003

Lab ID: R03040083-18 **Collection Date:** 3/29/2003
Client Sample ID: 13674 (03, 8th Floor) **Matrix:** WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIOXINS AND FURANS TCDD/TCDF	See Attached	SW8290			1	Analyst: SUB 4/9/2003

Lab ID: R03040083-19 **Collection Date:** 3/29/2003
Client Sample ID: 13675 (01, 9th Floor) **Matrix:** WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIOXINS AND FURANS TCDD/TCDF	See Attached	SW8290			1	Analyst: SUB 4/9/2003

Lab ID: R03040083-20 **Collection Date:** 3/29/2003
Client Sample ID: 13676 (02, 9th Floor) **Matrix:** WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIOXINS AND FURANS TCDD/TCDF	See Attached	SW8290			1	Analyst: SUB 4/9/2003

Qualifiers:
BRL - Below Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range



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INDUSTRIAL HYGIENE

•EPA PA-00136
•AIHA ACCREDITATION NO. 100439
•NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
•PA DEP 06-853
•NJ DEP PA020
•CT DPH PH-0238

Date: 16-Apr-03

CLIENT: JLC Env. Consultants Inc. **Lab Order:** R03040083
Project: NYC DEP - Dioxin wipes

Lab ID: R03040083-21 **Collection Date:** 3/29/2003
Client Sample ID: 13677 (03, 9th Floor) **Matrix:** WIPE
Analyses **Result** **Limit Qual Units** **DF** **Date Analyzed**
DIOXINS AND FURANS **SW8290** **Analyst: SUB**
TCDD/TCDF See Attached 1 4/9/2003

Lab ID: R03040083-22 **Collection Date:** 3/29/2003
Client Sample ID: 13678 (01, 10th Floor) **Matrix:** WIPE
Analyses **Result** **Limit Qual Units** **DF** **Date Analyzed**
DIOXINS AND FURANS **SW8290** **Analyst: SUB**
TCDD/TCDF See Attached 1 4/9/2003

Lab ID: R03040083-23 **Collection Date:** 3/29/2003
Client Sample ID: 13679 (02, 10th Floor) **Matrix:** WIPE
Analyses **Result** **Limit Qual Units** **DF** **Date Analyzed**
DIOXINS AND FURANS **SW8290** **Analyst: SUB**
TCDD/TCDF See Attached 1 4/9/2003

Lab ID: R03040083-24 **Collection Date:** 3/29/2003
Client Sample ID: 13680 (03, 10th Floor) **Matrix:** WIPE
Analyses **Result** **Limit Qual Units** **DF** **Date Analyzed**
DIOXINS AND FURANS **SW8290** **Analyst: SUB**
TCDD/TCDF See Attached 1 4/9/2003

Lab ID: R03040083-25 **Collection Date:** 3/29/2003
Client Sample ID: 13681 (01, 11th Floor Up) **Matrix:** WIPE
Analyses **Result** **Limit Qual Units** **DF** **Date Analyzed**
DIOXINS AND FURANS **SW8290** **Analyst: SUB**
TCDD/TCDF See Attached 1 4/9/2003

Qualifiers:
BRL - Below Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

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INDUSTRIAL HYGIENE

•EPA PA-00136
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•NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10908
•PA DEP 06-353
•NJ DEP PA020
•CT DPH PH-0288

Date: 16-Apr-03

CLIENT: JLC Env. Consultants Inc. **Lab Order:** R03040083
Project: NYC DEP - Dioxin wipes

Lab ID: R03040083-26 **Collection Date:** 3/29/2003
Client Sample ID: 13682 (02, 11th Floor Up) **Matrix:** WIPE
Analyses **Result** **Limit Qual Units** **DF** **Date Analyzed**
DIOXINS AND FURANS **SW8290** **Analyst: SUB**
TCDD/TCDF See Attached 1 4/9/2003

Lab ID: R03040083-27 **Collection Date:** 3/29/2003
Client Sample ID: 13683 (03, 11th Floor Up) **Matrix:** WIPE
Analyses **Result** **Limit Qual Units** **DF** **Date Analyzed**
DIOXINS AND FURANS **SW8290** **Analyst: SUB**
TCDD/TCDF See Attached 1 4/9/2003

Lab ID: R03040083-28 **Collection Date:** 3/29/2003
Client Sample ID: 13684 (01, 11th Floor Down) **Matrix:** WIPE
Analyses **Result** **Limit Qual Units** **DF** **Date Analyzed**
DIOXINS AND FURANS **SW8290** **Analyst: SUB**
TCDD/TCDF See Attached 1 4/9/2003

Lab ID: R03040083-29 **Collection Date:** 3/29/2003
Client Sample ID: 13685 (02, 11th Floor Down) **Matrix:** WIPE
Analyses **Result** **Limit Qual Units** **DF** **Date Analyzed**
DIOXINS AND FURANS **SW8290** **Analyst: SUB**
TCDD/TCDF See Attached 1 4/9/2003

Lab ID: R03040083-30 **Collection Date:** 3/29/2003
Client Sample ID: 13686 (02, 11th Floor Down) **Matrix:** WIPE
Analyses **Result** **Limit Qual Units** **DF** **Date Analyzed**
DIOXINS AND FURANS **SW8290** **Analyst: SUB**
TCDD/TCDF See Attached 1 4/9/2003

Qualifiers: BRL - Below Reporting Limit S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank E - Value above quantitation range
* - Value exceeds Maximum Contaminant Level

4/16/2003

PASC - Certificate of Analysis

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Client ID:
Lab No.:
PSC-Reading Lab ID:
Date Sampled:

Component	Method	Method	Method	3rd	3rd	3rd	4th
	Blank	Blank	Blank	Floor-01	Floor-02	Floor-03	Floor-01
	013656 03	013656 03	013656 03	013657 03	013658 03	013659 03	013660 03
	29-Mar-2003	29-Mar-2003	29-Mar-2003	R03040083-01	R03040083-02	R03040083-03	R03040083-04
MDL	Units	Recovery	Recovery	29-Mar-2003	29-Mar-2003	29-Mar-2003	29-Mar-2003
MDL	Units						
Total Tetrachlorodibenzofurans	pg	-	-	<2.1	<2.6	<1.8	<1.8
Total Pentachlorodibenzofurans	"	-	-	<2.9	<4.3	<2.1	<4.1
Total Hexachlorodibenzofurans	"	-	-	<1.3	<1.7	<1.0	<1.2
Total Heptachlorodibenzofurans	"	-	-	<3.6	<4.4	<3.2	<1.8
Octachlorodibenzofuran	"	-	-	4.9	2.6	2.3	<1.6
Total Tetrachlorodibenzo-p-dioxins	"	-	-	<2.5	5.8	<1.8	<3.3
Total Pentachlorodibenzo-p-dioxins	"	-	-	<2.0	<8.6	<1.5	<1.6
Total Hexachlorodibenzo-p-dioxins	"	-	-	<2.1	<1.1	<3.7	<2.8
Total Heptachlorodibenzo-p-dioxins	"	-	-	5.3	5.1	4.5	<2.7
Octachlorodibenzo-p-dioxin	"	-	-	34	<17	8.6	<12
Internal Recoveries	%						
2,3,7,8-T4CDF-13C12	74	-	-	76	69	75	70
2,3,7,8-T4CDD-13C12	82	-	-	85	77	88	76
1,2,3,7,8-P5CDF-13C12	83	-	-	81	76	87	77
1,2,3,7,8-P5CDD-13C12	96	-	-	85	81	92	80
1,2,3,4,7,8-H6CDF-13C12	103	-	-	99	100	102	94
1,2,3,6,7,8-H6CDD-13C12	101	-	-	87	93	97	90
1,2,3,4,6,7,8-H7CDF-13C12	107	-	-	92	97	103	93
1,2,3,4,6,7,8-H7CDD-13C12	111	-	-	84	94	104	95
OCDD-13C12	102	-	-	66	77	90	85
2,3,7,8-C14-Dibenzofuran (DB5)	<1.2	1100	108	<2.1	<2.6	<1.8	<1.8
2,3,7,8-C14-Dibenzo-p-dioxin	<1.4	960	96	<2.5	<3.9	<1.8	<3.3
1,2,3,7,8-C15-Dibenzofuran	2.3	2700	110	<2.9	<4.2	<2.1	<4.0
2,3,4,7,8-C15-Dibenzofuran	3.6	2900	118	<3.0	<4.3	<2.2	<4.1
1,2,3,7,8-C15-Dibenzo-p-dioxin	<1.6	2500	102	<2.0	<3.1	<1.5	<1.6
1,2,3,4,7,8-C16-Dibenzofuran	<2.7	2500	98	<1.2	<1.5	1.2	<1.1
1,2,3,6,7,8-C16-Dibenzofuran	<2.7	2400	96	<1.2	<1.5	1.00	<1.1
2,3,4,6,7,8-C16-Dibenzofuran	3.2	2500	99	<1.4	<1.8	<1.1	<1.3
1,2,3,7,8,9-C16-Dibenzofuran	<3.4	2300	94	<1.5	<1.9	<1.2	<1.4
1,2,3,4,7,8-C16-Dibenzo-p-dioxin	<2.8	2600	104	<2.1	<2.2	<1.4	<1.6
1,2,3,6,7,8-C16-Dibenzo-p-dioxin	4.4	2500	101	<2.1	<2.2	<1.4	<1.6
1,2,3,7,8,9-C16-Dibenzo-p-dioxin	<2.7	2500	98	<2.0	<2.1	<1.3	<1.6

4/16/2003

PASC - Certificate of Analysis

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Client ID:
Lab No.:
PSC-Reading Lab ID:
Date Sampled:

MDL Units

Component

Total Tetrachlorodibenzofurans	4.0	<1.5	<1.4	<1.4	<2.1	40	<1.3
Total Pentachlorodibenzofurans	<3.9	<3.2	<2.0	1.9	<1.8	18	<1.9
Total Hexachlorodibenzofurans	<1.4	<1.2	<1.1	<1.4	<1.3	2.1	<1.1
Total Heptachlorodibenzofurans	<3.5	<2.4	<1.9	<1.5	<2.1	<3.2	<1.4
Octachlorodibenzofuran	4.3	2.7	<2.0	<2.0	3.5	15	<3.4
Total Tetrachlorodibenzo-p-dioxins	13	<2.3	<1.4	<1.7	2.5	6.1	<1.8
Total Pentachlorodibenzo-p-dioxins	<5.2	<3.3	<1.5	<1.7	<2.0	<1.4	<1.6
Total Hexachlorodibenzo-p-dioxins	<5.8	<2.3	<1.5	<3.8	<1.9	<1.4	<1.2
Total Heptachlorodibenzo-p-dioxins	5.1	1.9	2.4	<3.0	11	2.8	<2.1
Octachlorodibenzo-p-dioxin	32	13	7.0	6.6	62	8.9	5.5
Internal Recoveries							
2,3,7,8-T4CDF-13C12	71	75	77	67	75	76	72
2,3,7,8-T4CDD-13C12	76	83	84	77	81	81	78
1,2,3,7,8-P5CDF-13C12	73	79	79	71	75	77	79
1,2,3,7,8-P5CDD-13C12	77	88	85	78	79	86	84
1,2,3,4,7,8-H6CDF-13C12	86	98	107	90	93	94	92
1,2,3,6,7,8-H6CDD-13C12	82	96	102	88	93	92	92
1,2,3,4,6,7,8-H7CDF-13C12	81	101	105	92	89	92	94
1,2,3,4,6,7,8-H7CDD-13C12	81	105	106	95	90	95	100
OCDD-13C12	65	92	89	82	74	78	87
2,3,7,8-Cl4-Dibenzofuran (DB5)	<4.0	<1.5	<1.4	<1.4	<2.1	38	<1.3
2,3,7,8-Cl4-Dibenzo-p-dioxin	<2.6	<2.3	<1.4	<1.7	<2.1	6.1	<1.8
1,2,3,7,8-Cl5-Dibenzofuran	<3.8	<3.1	<2.0	<1.3	<1.7	5.6	<1.8
2,3,4,7,8-Cl5-Dibenzofuran	<3.9	<3.2	<2.0	1.9	<1.8	12	<1.9
1,2,3,7,8-Cl5-Dibenzo-p-dioxin	<3.4	<3.3	<1.5	<1.7	<2.0	<1.4	<1.6
1,2,3,4,7,8-Cl6-Dibenzofuran	1.8	<1.1	<1.0	<1.3	<1.2	2.1	<0.98
1,2,3,6,7,8-Cl6-Dibenzofuran	<1.3	<1.1	<1.0	<1.3	<1.2	<1.3	<0.97
2,3,4,6,7,8-Cl6-Dibenzofuran	<1.5	<1.3	<1.2	<1.5	<1.4	<1.5	<1.2
1,2,3,7,8,9-Cl6-Dibenzofuran	<1.6	<1.4	<1.3	<1.7	<1.5	<1.6	<1.2
1,2,3,4,7,8-Cl6-Dibenzo-p-dioxin	<2.2	<1.8	<1.5	<1.6	<1.9	<1.5	<1.2
1,2,3,6,7,8-Cl6-Dibenzo-p-dioxin	<2.2	<1.8	<1.5	<1.6	<1.9	<1.5	<1.2
1,2,3,7,8,9-Cl6-Dibenzo-p-dioxin	<2.1	<1.7	<1.4	<1.5	<1.8	<1.4	<1.2

4/16/2003

PASC - Certificate of Analysis

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Component	Client ID:		Lab No.:		PSC-Reading Lab ID:		Date Sampled:		MDL		Units	
	4th Floor-02	4th Floor-03	5th Floor-01	5th Floor-02	5th Floor-03	6th Floor-01	6th Floor-02					
1,2,3,4,6,7,8-Cl7-Dibenzofuran	013661 03	013662 03	013663 03	013664 03	013665 03	013666 03	013667 03					
1,2,3,4,7,8,9-Cl7-Dibenzofuran	R03040083-05	R03040083-06	R03040083-07	R03040083-08	R03040083-09	R03040083-10	R03040083-11					
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin	29-Mar-2003	29-Mar-2003	29-Mar-2003	29-Mar-2003	29-Mar-2003	29-Mar-2003	29-Mar-2003					
1,2,3,4,6,7,8,9-Cl8-Dibenzofuran												
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p-dioxin												
2,3,7,8-TCDF (DB225)	<3.1	<2.1	<1.7	<1.5	<2.1	<3.2	<1.2					
Internal Recoveries	<1.3	<1.4	<2.2	<1.4	<1.5	<1.5	<1.6					
2,3,7,8-TCDF-13C12	5.1	<2.6	2.4	<3.0	7.0	2.8	<2.1					
	4.3	2.7	<2.0	<2.0	3.5	15	<3.4					
	32	13	7.0	6.6	62	8.9	5.5					
	<2.9	-	-	-	-	<4.9	-					
	84	-	-	-	-	74	-					

4/16/2003

PASC - Certificate of Analysis

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Client ID:
Lab No.:
PSC-Reading Lab ID:
Date Sampled:

Component **MDL** **Units**

Total Tetrachlorodibenzofurans	pg	6th Floor-03 013668 03	7th Floor-01 013669 03	7th Floor-02 013670 03	7th Floor-03 013671 03	8th Floor-01 013672 03	8th Floor-02 013673 03	8th Floor-03 013674 03
Total Pentachlorodibenzofurans	"	R03040083-12	R03040083-13	R03040083-14	R03040083-15	R03040083-16	R03040083-17	R03040083-18
Total Hexachlorodibenzofurans	"	29-Mar-2003	29-Mar-2003	29-Mar-2003	29-Mar-2003	29-Mar-2003	29-Mar-2003	29-Mar-2003
Total Heptachlorodibenzofurans	"	<1.7	<3.8	<2.1	<1.7	<3.9	<2.1	<2.9
Octachlorodibenzofuran	"	<2.0	<4.9	<3.6	<2.2	<3.6	<4.5	<3.6
Total Tetrachlorodibenzo-p-dioxins	"	<1.1	<1.7	<1.3	<1.1	<1.7	<1.5	<1.4
Total Pentachlorodibenzo-p-dioxins	"	<1.5	<2.1	<1.8	<1.3	<2.7	<3.5	<1.5
Total Hexachlorodibenzo-p-dioxins	"	<2.0	3.9	<2.0	<1.4	4.3	<3.2	<1.9
Total Heptachlorodibenzo-p-dioxins	"	<1.3	10.0	<2.6	<1.6	13	<2.7	<2.5
Octachlorodibenzo-p-dioxin	"	<1.8	<3.5	<2.5	<2.3	<3.5	<3.6	<3.6
Internal Recoveries	"	<4.4	<5.5	<3.0	<1.5	<5.2	<6.9	<4.9
2,3,7,8-T4CDF-13C12	"	2.6	6.7	3.3	<1.7	4.5	8.0	<2.6
2,3,7,8-T4CDD-13C12	%	5.2	20	7.9	<4.3	24	16	7.0
1,2,3,7,8-P5CDF-13C12		72	62	53	58	64	70	76
1,2,3,7,8-P5CDD-13C12		82	69	61	67	71	76	77
1,2,3,4,7,8-H6CDF-13C12		79	70	68	75	73	78	79
1,2,3,4,7,8-H6CDD-13C12		87	78	76	86	82	85	84
1,2,3,6,7,8-H6CDF-13C12		102	90	89	97	82	88	91
1,2,3,4,6,7,8-H7CDF-13C12		101	90	83	96	82	90	87
1,2,3,4,6,7,8-H7CDD-13C12		104	90	87	101	84	91	90
OCDD-13C12		107	91	89	105	85	94	90
		90	74	77	91	68	83	76
2,3,7,8-Cl4-Dibenzofuran (DB5)	pg	<1.7	<3.8	<2.1	<1.7	<3.9	<2.1	<2.9
2,3,7,8-Cl4-Dibenzo-p-dioxin	"	<1.3	<4.2	<2.6	<1.6	<4.2	<2.7	<2.5
1,2,3,7,8-Cl5-Dibenzofuran	"	<2.0	<4.9	<3.6	<2.2	<3.6	<4.4	<3.6
2,3,4,7,8-Cl5-Dibenzofuran	"	<2.1	<5.0	<3.7	<2.3	<3.6	<4.5	<3.7
1,2,3,7,8-Cl5-Dibenzo-p-dioxin	"	<1.8	<3.5	<2.5	<2.3	<3.5	<3.6	<3.6
1,2,3,4,7,8-Cl6-Dibenzofuran	"	<1.0	<1.5	<1.2	<1.00	<1.6	<1.4	<1.3
1,2,3,6,7,8-Cl6-Dibenzofuran	"	<0.99	<1.5	<1.2	<0.99	<1.6	<1.3	<1.2
2,3,4,6,7,8-Cl6-Dibenzofuran	"	<1.2	<1.8	<1.4	<1.2	<1.9	<1.6	<1.5
1,2,3,7,8,9-Cl6-Dibenzofuran	"	<1.3	<1.9	<1.5	<1.2	<2.0	<1.7	<1.6
1,2,3,4,7,8-Cl6-Dibenzo-p-dioxin	"	<1.5	<2.1	<1.9	<1.5	<2.4	<1.7	<2.2
1,2,3,6,7,8-Cl6-Dibenzo-p-dioxin	"	<1.5	<2.1	<1.9	<1.5	<2.4	<1.7	<2.2
1,2,3,7,8,9-Cl6-Dibenzo-p-dioxin	"	<1.4	<2.0	<1.8	<1.5	<2.3	<1.6	<2.1

4/16/2003

PASC - Certificate of Analysis

Page 6 of 10

Component	Client ID:		Lab No.:		PSC-Reading Lab ID:		Date Sampled:		MDL		Units	
	6th	7th	7th	7th	7th	7th	8th	8th	8th	8th	8th	8th
1,2,3,4,6,7,8-Cl7-Dibenzofuran	Floor-03	Floor-01	Floor-02	Floor-03	Floor-03	Floor-03	Floor-02	Floor-01	Floor-02	Floor-03	Floor-03	Floor-03
1,2,3,4,7,8,9-Cl7-Dibenzofuran	013668 03	013669 03	013670 03	013671 03	013672 03	013673 03	013674 03	013675 03	013676 03	013677 03	013678 03	013679 03
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin	R03040083-12	R03040083-13	R03040083-14	R03040083-15	R03040083-16	R03040083-17	R03040083-18	R03040083-19	R03040083-20	R03040083-21	R03040083-22	R03040083-23
1,2,3,4,6,7,8,9-Cl8-Dibenzofuran	29-Mar-2003	29-Mar-2003	29-Mar-2003	29-Mar-2003	29-Mar-2003	29-Mar-2003	29-Mar-2003	29-Mar-2003	29-Mar-2003	29-Mar-2003	29-Mar-2003	29-Mar-2003
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p-dioxin	<1.3	<1.9	<1.6	<1.2	<2.4	<3.1	<1.4	<1.4	<1.5	<1.8	<2.6	<1.9
2,3,7,8-TCDF (DB225)	-	-	-	-	-	-	-	-	-	-	-	-
Internal Recoveries	-	-	-	-	-	-	-	-	-	-	-	-
2,3,7,8-TCDF-13C12	-	-	-	-	-	-	-	-	-	-	-	-



4/16/2003

PASC - Certificate of Analysis

Page 8 of 10

Client ID:
Lab No.:
PSC-Reading Lab ID:
Date Sampled:

Component	MDL	Units	9th Floor-01 013675 03 R03040083-19 29-Mar-2003	9th Floor-02 013676 03 R03040083-20 29-Mar-2003	9th Floor-03 013677 03 R03040083-21 29-Mar-2003	10th Floor-01 013678 03 R03040083-22 29-Mar-2003	10th Floor-02 013679 03 R03040083-23 29-Mar-2003	10th Floor-03 013680 03 R03040083-24 29-Mar-2003	11th Floor Up-01 013681 03 R03040083-25 29-Mar-2003
1,2,3,4,6,7,8-Cl7-Dibenzofuran	<52	"	<4.7	<3.2	<3.2	<3.9	<5.1	<2.0	<4.7
1,2,3,4,7,8,9-Cl7-Dibenzofuran	<4.1	"	<1.5	<2.5	<2.5	<3.2	<3.2	<2.3	<2.8
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin	11	"	<6.0	<4.5	<4.5	<5.3	6.0	3.0	6.3
1,2,3,4,6,7,8,9-Cl8-Dibenzofuran	950	"	10	4.1	4.1	8.3	7.0	<2.6	7.3
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p-dioxin	61	"	27	13	13	<17	15	7.3	46
2,3,7,8-TCDF (DB225)	<5.2	pg	<6.5	<5.5	<5.5	-	<4.4	-	<4.1
Internal Recoveries	77	%				-	95	-	
2,3,7,8-TCDF-13C12			76	88		-		-	86

4/16/2003

PASC - Certificate of Analysis

Page 9 of 10

Client ID:		11th Floor	11th Floor	11th Floor	11th Floor	11th Floor
Lab No.:		Up-02	Up-03	Down-01	Down-02	Down-03
PSC-Reading Lab ID:		013682 03	013683 03	013684 03	013685 03	013686 03
Date Sampled:		R03040083-26	R03040083-27	R03040083-28	R03040083-29	R03040083-30
MDL		29-Mar-2003	29-Mar-2003	29-Mar-2003	29-Mar-2003	29-Mar-2003
Component	Units					
Total Tetrachlorodibenzofurans	pg	<1.3	<1.5	6.0	<1.7	<2.4
Total Pentachlorodibenzofurans	"	<2.8	<2.6	<2.8	<2.6	<3.0
Total Hexachlorodibenzofurans	"	<2.4	<1.8	<1.9	<1.7	<1.8
Total Heptachlorodibenzofurans	"	<2.5	<2.3	<3.0	<1.4	<2.2
Octachlorodibenzofuran	"	3.1	<2.3	<4.8	<2.2	3.2
Total Tetrachlorodibenzo-p-dioxins	"	<2.1	<2.7	31	<3.0	<3.8
Total Pentachlorodibenzo-p-dioxins	"	<2.2	<2.2	<12	<2.0	<2.7
Total Hexachlorodibenzo-p-dioxins	"	<2.6	<1.8	11	<4.2	<7.3
Total Heptachlorodibenzo-p-dioxins	"	3.9	<3.1	4.4	3.7	<2.5
Octachlorodibenzo-p-dioxin	"	9.4	7.1	29	<9.7	12
Internal Recoveries	%					
2,3,7,8-T4CDF-13C12		81	74	87	78	83
2,3,7,8-T4CDD-13C12		88	81	84	86	86
1,2,3,7,8-P5CDF-13C12		90	81	83	86	86
1,2,3,7,8-P5CDD-13C12		105	88	87	96	96
1,2,3,4,7,8-H6CDF-13C12		104	101	99	105	107
1,2,3,6,7,8-H6CDD-13C12		102	97	93	101	101
1,2,3,4,6,7,8-H7CDF-13C12		111	94	90	103	101
1,2,3,4,6,7,8-H7CDD-13C12		118	89	84	104	102
OCDD-13C12		118	72	65	85	80
2,3,7,8-Cl4-Dibenzofuran (DB5)	pg	<1.3	<1.5	<6.0	<1.7	<2.4
2,3,7,8-Cl4-Dibenzo-p-dioxin	"	<2.1	<2.7	<3.3	<3.0	<3.8
1,2,3,7,8-Cl5-Dibenzofuran	"	<2.7	<2.6	<2.8	<2.5	<2.9
2,3,4,7,8-Cl5-Dibenzofuran	"	<2.9	<2.7	<2.9	<2.6	<3.0
1,2,3,7,8-Cl5-Dibenzo-p-dioxin	"	<1.4	<2.2	<3.7	<2.0	<2.7
1,2,3,4,7,8-Cl6-Dibenzofuran	"	<2.2	<1.6	<1.7	<1.6	<1.6
1,2,3,6,7,8-Cl6-Dibenzofuran	"	<2.2	<1.6	<1.7	<1.6	<1.6
2,3,4,6,7,8-Cl6-Dibenzofuran	"	<2.6	<1.9	<2.1	<1.9	<1.9
1,2,3,7,8,9-Cl6-Dibenzofuran	"	<2.8	<2.0	<2.2	<2.0	<2.0
1,2,3,4,7,8-Cl6-Dibenzo-p-dioxin	"	<2.7	<1.8	<2.1	<2.5	<2.6
1,2,3,6,7,8-Cl6-Dibenzo-p-dioxin	"	<2.7	<1.8	<2.1	<2.4	<2.5
1,2,3,7,8,9-Cl6-Dibenzo-p-dioxin	"	<2.6	<1.7	<2.0	<2.3	<2.4

4/16/2003

Page 10 of 10

PASC - Certificate of Analysis**Client ID:****Lab No.:****PSC-Reading Lab ID:****Date Sampled:****MDL****Units****Component**

1,2,3,4,6,7,8-Cl7-Dibenzofuran	11th Floor Up-02	013682 03	11th Floor Up-03	11th Floor Down-01	11th Floor Down-02	11th Floor Down-03
1,2,3,4,7,8,9-Cl7-Dibenzofuran	013682 03	013683 03	013684 03	013685 03	013686 03	
1,2,3,4,6,7,8-Cl7-Dibenzo-p-dioxin	R03040083-26	R03040083-27	R03040083-28	R03040083-29	R03040083-30	
1,2,3,4,6,7,8,9-Cl8-Dibenzofuran	29-Mar-2003	29-Mar-2003	29-Mar-2003	29-Mar-2003	29-Mar-2003	
1,2,3,4,6,7,8,9-Cl8-Dibenzo-p-dioxin						
2,3,7,8-TCDF (DB225)	<2.3	<2.0	<3.0	<1.2	<2.2	
Internal Recoveries	<2.5	<2.6	<2.4	<1.6	<2.4	
2,3,7,8-TCDF-13C12	3.9	<3.1	4.4	3.7	<2.0	
	3.1	<2.3	<4.8	<2.2	3.2	
	9.4	7.1	29	<9.7	12	
	-	-	<4.5	-	-	
	-	-	93	-	-	

Lab ID	PSC-Reading Lab ID	Client ID	TEQ (pg)	MAX (pg)	TEQ ND = 1/2 (pg)
13656		Method Blank	2.783	6.657	4.720
13657	R03040083-01	3rd Floor-01	0.092	6.618	3.352
13658	R03040083-02	3rd Floor-02	0.054	9.557	4.805
13659	R03040083-03	3rd Floor-03	0.258	4.849	2.554
13660	R03040083-04	4th Floor-01	0.000	7.553	3.776
13661	R03040083-05	4th Floor-02	0.269	8.236	4.253
13662	R03040083-06	4th Floor-03	0.016	6.911	3.463
13663	R03040083-07	5th Floor-01	0.031	4.308	2.169
13664	R03040083-08	5th Floor-02	0.961	4.852	2.906
13665	R03040083-09	5th Floor-03	0.135	5.489	2.812
13666	R03040083-10	6th Floor-01	16.594	18.230	17.412
13667	R03040083-11	6th Floor-02	0.006	4.651	2.328
13668	R03040083-12	6th Floor-03	0.032	4.505	2.268
13669	R03040083-13	7th Floor-01	0.066	10.474	5.270
13670	R03040083-14	7th Floor-02	0.041	7.274	3.657
13671	R03040083-15	7th Floor-03	0	5.087	2.543
13672	R03040083-16	8th Floor-01	0.074	9.887	4.980
13673	R03040083-17	8th Floor-02	0.065	8.362	4.213
13674	R03040083-18	8th Floor-03	0.007	7.874	3.940
13675	R03040083-19	9th Floor-01	1.124	15.623	8.373
13676	R03040083-20	9th Floor-02	0.795	11.252	6.024
13677	R03040083-21	9th Floor-03	1.984	5.42	3.702
13678	R03040083-22	10th Floor-01	0.008	8.314	4.161
13679	R03040083-23	10th Floor-02	0.378	6.215	3.296
13680	R03040083-24	10th Floor-03	0.037	5.913	2.975
13681	R03040083-25	11th Floor Up-01	0.117	9.117	4.617
13682	R03040083-26	11th Floor Up-02	0.052	6.416	3.234
13683	R03040083-27	11th Floor Up-03	0.007	6.704	3.356
13684	R03040083-28	11th Floor Down-01	0.073	8.898	4.485
13685	R03040083-29	11th Floor Down-02	0.037	7.061	3.549
13686	R03040083-30	11th Floor Down-03	0.015	8.545	4.280



4418 Pottsville Pike Reading, PA 19605
(Tel) 610-921-8833 (Fax) 610-921-8407

INDUSTRIAL HYGIENE

•EPA PA-00186
•AIHA ACCREDITATION NO. 100439
•NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
•PA DEP 06-353
•NJ DEP PA020
•CT DPH PH-0298

April 07, 2003

2003 APR 16 P 2:30

003020

Andrew Gasparro
JLC Env. Consultants Inc.
200 Park Ave S
Suite 1001
New York, NY 10003-1503

TEL: (212) 420-8119
FAX (212) 420-6092

RE: NYC DEP (PAH wipes)

Order No.: R03040014

Dear Andrew Gasparro:

PSC Analytical Services received 15 samples on 4/1/2003 9:25:00 AM for the analyses presented in the following Certificate of Analytical Results.

The analyses and all data for associated QC met regulatory and/or laboratory specifications. Exceptions will be noted in an enclosed Case Narrative.

The results on the attached Certificate of Analytical results relate only to items tested or to the samples as received by the laboratory. This Certificate of Analytical Results shall not be reproduced, except in full, without the written approval of PSC Analytical, Reading, PA.

Please note that any unused portion of the samples will be disposed of 30 days following issuance of report, unless you have requested otherwise.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Fred Usbeck
Manager, CIH

4418 Pottsville Pike, Reading, PA 19605 610-921-8833 FAX 610-921-8407

JLC ENVIRONMENTAL CONSULTANTS, INC.

CHAIN OF CUSTODY LOG

CLIENT: NYC DEP.

PROJECT NUMBER:

03-2744

SITE: 114 LIBERTY ST. N4 NY

LAB BATCH NUMBER:

TECHNICIAN: SHAWN RATKUNAR SIGNATURE: Shawn RatkunarDATE: 03/29/03PROJECT MANAGER: A. GASPAROPAGE 01 OF 01

SAMPLE INFORMATION										
SAMPLE I.D.		DESCRIPTION / LOCATION	Sample Type					Size	RESULTS	
SAMPLE #	FIELD #		Paint	Soil	Wipe	Water	Other		Content	Unit
01		PAH HALLWAY - FLOOR			✓			12" X 12"		
02		PAH KITCHEN - COUNTER TOP			✓			12" X 12"		
03		PAH BATHROOM - B-WAY LOWER LEFT			✓			12" X 12"		

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

CHAIN OF CUSTODY		DATE	TIME
RELINQUISHED BY: (print) <u>SHAWN RATKUNAR</u>	(sign) <u>Shawn Ratkunar</u>	<u>03/29/03</u>	
RECEIVED BY: (print) _____	(sign) _____	<u>/ /</u>	
RELINQUISHED BY: (print) _____	(sign) _____	<u>/ /</u>	
RECEIVED BY: (print) <u>TINA HORVAT</u>	(sign) <u>Tina Horvat</u>	<u>4/1/03</u>	<u>9:25</u>
ENTERED BY: (print) _____	(sign) _____	<u>/ /</u>	
CORRECTED BY: (print) _____	(sign) _____	<u>/ /</u>	

LAB INFORMATION			COMMENTS:
LAB NAME:	METHODOLOGY	INSTRUMENT	
ANALYZED BY:	☐ EPA SW846-3050/7420	Varian SpectrAA-250 Plus	
DATE: / / 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

9th floor.

JLC ENVIRONMENTAL CONSULTANTS, INC.

20304004

CHAIN OF CUSTODY LOG

CLIENT: NYC DEP

PROJECT NUMBER:

03-2744

SITE: 114 LIBERTY ST. N.Y.C.

LAB BATCH NUMBER:

TECHNICIAN: SHAWN RATKUMAR SIGNATURE: ShawnDATE: 03/29/03PROJECT MANAGER: A. GASPAROPAGE 01 OF 01

SAMPLE INFORMATION										
SAMPLE I.D.		DESCRIPTION / LOCATION	Sample Type					Size	RESULTS	
SAMPLE #	FIELD #		Paint	Soil	Wipe	Water	Other		Content	Unit
01		PAH / HALLWAY - FLOOR			✓			12" X 12"		
02		PAH / KITCHEN COUNTER TOP.			✓			12" X 12"		
03		PAH / BATHROOM B-WALL LOWER LEFT.			✓			12" X 12"		

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

CHAIN OF CUSTODY		DATE	TIME
RELINQUISHED BY: (print) <u>SHAWN RATKUMAR</u>	(sign) <u>Shawn</u>	<u>03/29/03</u>	
RECEIVED BY: (print) _____	(sign) _____	<u>1 / 1</u>	
RELINQUISHED BY: (print) _____	(sign) _____	<u>1 / 1</u>	
RECEIVED BY: (print) <u>TINA HORVAT</u>	(sign) <u>Tina Horvat</u>	<u>4/1/03</u>	<u>9:25</u>
ENTERED BY: (print) _____	(sign) _____	<u>1 / 1</u>	
CORRECTED BY: (print) _____	(sign) _____	<u>1 / 1</u>	

LAB INFORMATION			
LAB NAME:	METHODOLOGY	INSTRUMENT	COMMENTS:
ANALYZED BY:	☐ EPA SW846-3050/7420	Varian SpectraAA-250 Plus	
DATE: / / 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

R03040014

JLC ENVIRONMENTAL CONSULTANTS, INC.**CHAIN OF CUSTODY LOG**CLIENT: NYC DEP.

PROJECT NUMBER:

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

LAB BATCH NUMBER:

 TECHNICIAN: SHAWN RATHUNAR SIGNATURE: Shawn RathunarDATE: 03/29/03PROJECT MANAGER: A. GASPARLOPAGE 01 OF 01

SAMPLE INFORMATION										
SAMPLE I.D.		DESCRIPTION / LOCATION	Sample Type					Size	RESULTS	
			Paint	Soil	Wipe	Water	Other		Content	Unit
SAMPLE # <u>01</u>	FIELD #	<u>PAH / HALLWAY - FLOOR.</u>			✓			12"	X	
LAB #										
COLOR(S)										
SAMPLE # <u>02</u>	FIELD #	<u>PAH / KITCHEN - COUNTER TOP.</u>			✓			12"	X	
LAB #										
COLOR(S)										
SAMPLE # <u>03</u>	FIELD #	<u>PAH / BATHROOM - B-WALL - LOWER LEFT.</u>			✓			12"	X	
LAB #										
COLOR(S)										
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										

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

CHAIN OF CUSTODY		DATE	TIME
RELINQUISHED BY: (print) <u>SHAWN RATHUNAR</u>	(sign) <u>Shawn Rathunar</u>	<u>03/29/03</u>	
RECEIVED BY: (print) _____	(sign) _____	<u>/ /</u>	
RELINQUISHED BY: (print) _____	(sign) _____	<u>/ /</u>	
RECEIVED BY: (print) <u>Tina Horvat</u>	(sign) <u>Tina Horvat</u>	<u>4/1/03</u>	<u>9:25</u>
ENTERED BY: (print) _____	(sign) _____	<u>/ /</u>	
CORRECTED BY: (print) _____	(sign) _____	<u>/ /</u>	

LAB INFORMATION			
LAB NAME:	METHODOLOGY	INSTRUMENT	COMMENTS:
ANALYZED BY: _____	☐ EPA SW846-3050/7420	Varian SpectrAA-250 Plus	
DATE: / / 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

JLC ENVIRONMENTAL CONSULTANTS, INC.

CHAIN OF CUSTODY LOG

CLIENT: NYC DEP

PROJECT NUMBER:

03-2744

114 LIBERTY ST. N.Y. N.Y.

LAB BATCH NUMBER:

TECHNICIAN: SHAWN RATTUMAL SIGNATURE: *Shawn Rattumal*

DATE: 03/29/03

PROJECT MANAGER: A. GASPARLO

PAGE 01 OF 01

SAMPLE INFORMATION

SAMPLE I.D.		DESCRIPTION / LOCATION	Sample Type					Size	RESULTS	
			Paint	Soil	Wipe	Water	Other		Content	Unit
SAMPLE # 01	FIELD #	PAN / HALLWAY - FLOOR			✓			12" x 12"		
LAB #										
COLOR(S)										
SAMPLE # 02	FIELD #	PAN / KITCHEN - COUNTER TOP			✓			12" x 12"		
LAB #										
COLOR(S)										
SAMPLE # 03	FIELD #	PAN / BATHROOM - B-WALL LOWER LEFT			✓			12" x 12"		
LAB #										
COLOR(S)										
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										

TECHNICIAN'S LOG

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

CHAIN OF CUSTODY

		DATE	TIME
RELINQUISHED BY: (print) <i>Shawn Rattumal</i>	(sign) <i>Shawn Rattumal</i>	03/29/03	
RECEIVED BY: (print) _____	(sign) _____	____/____/____	
RELINQUISHED BY: (print) _____	(sign) _____	____/____/____	
RECEIVED BY: (print) <i>Tina Horvat</i>	(sign) <i>Tina Horvat</i>	4/1/03	9:25
ENTERED BY: (print) _____	(sign) _____	____/____/____	
CORRECTED BY: (print) _____	(sign) _____	____/____/____	

LAB INFORMATION

LAB NAME:	METHODOLOGY	INSTRUMENT	COMMENTS:
ANALYZED BY:	☐ EPA SW846-3050/7420 ☐ EPA SW846-1979(4.1.3)/7420 ☐ EPA 68-02-4550	Varian SpectrAA-250 Plus ☐ Air-Acetylene Flame ☐ Graphite Furnace	
DATE: / / TIME:			
QC BY: DATE:			

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

203040014

JLC ENVIRONMENTAL CONSULTANTS, INC.**CHAIN OF CUSTODY LOG**

CLIENT: NYC DEP. PROJECT NUMBER: 03-2744
 SITE: 114 LIBERTY STREET N.Y. N.Y. LAB BATCH NUMBER:
 TECHNICIAN: SHAWN RAKUMAR SIGNATURE: [Signature] DATE: 03/29/03
 PROJECT MANAGER: A. GASPARO PAGE 01 OF 01

SAMPLE INFORMATION										
SAMPLE I.D.		DESCRIPTION / LOCATION	Sample Type					Size	RESULTS	
SAMPLE #	FIELD #		Paint	Soil	Wipe	Water	Other		Content	Unit
01		PAH / KITCHEN - FLOOR			✓			12"	X	
								12"		
02		PAH / KITCHEN - COUNTER TOP.			✓			12"	X	
								12"		
03		PAH / BATHROOM - A-WALL - LOWER RIGHT			✓			12"	X	
								12"		

TECHNICIAN'S LOG

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

CHAIN OF CUSTODY

	DATE	TIME
RELINQUISHED BY: (print) <u>SHAWN RAKUMAR</u> (sign) <u>[Signature]</u>	<u>03/29/03</u>	
RECEIVED BY: (print) _____ (sign) _____	<u> / / </u>	
RELINQUISHED BY: (print) _____ (sign) _____	<u> / / </u>	
RECEIVED BY: (print) <u>Tina Horvath</u> (sign) <u>Tina Horvath</u>	<u>4/1/03</u>	<u>9:25</u>
ENTERED BY: (print) _____ (sign) _____	<u> / / </u>	
CORRECTED BY: (print) _____ (sign) _____	<u> / / </u>	

LAB INFORMATION

LAB NAME:	METHODOLOGY	INSTRUMENT	COMMENTS:
ANALYZED BY:	☐ EPA SW846-3050/7420 ☐ EPA SW846-1979(4.1.3)/7420 ☐ EPA 68-02-4550	Varian SpectrAA-250 Plus ☐ Air-Acetylene Flame ☐ Graphite Furnace	
DATE: / / TIME:			
QC BY: DATE:			

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

PSC Analytical Services

Sample Receipt Checklist

Client Name JLC ENVIRONMENTAL CONS

Date and Time Receive

4/1/2003 9:25:00 AM

Work Order Numbe R03040014

Received by

TMH*

Checklist completed by

Signature

TMH

Date

4/1/03

Reviewed by

Initials

DK

Date

4.1.03

Matrix:

Carrier name

FedEx

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Presen ☐

Custody seals intact on shipping container/cooler?

Yes ☐

No ☐

Not Presen ☒

Custody seals intact on sample bottles?

Yes ☐

No ☐

Not Presen ☒

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Container/Temp Blank temperature in compliance?

Yes ☒

No ☐

Water - VOA vials have zero headspace?

No VOA vials submitted ☒

Yes ☐

No ☐

Water - pH acceptable upon receipt?

Yes ☒

No ☐

Adjusted?

Checked b

Any No and/or NA (not applicable) response must be detailed in the comments section be

Client contacted

Date contacted:

Person contacted

Contacted by:

Regarding:

Comments:

Corrective Action



4418 Pottsville Pike Reading, PA 19606
(Tel) 610-921-9833 (Fax) 610-921-9667

INDUSTRIAL HYGIENE

•EPA PA-00136
•AIHA ACCREDITATION NO. 100439
•NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10908
•PA DEP 06-353
•NJ DEP PA020
•CT DPH PH-0238

Date: 07-Apr-03

CLIENT: JLC Env. Consultants Inc.
Project: NYC DEP (PAH wipes)

Lab Order: R03040014

Lab ID: R03040014-01

Collection Date: 3/29/2003

Client Sample ID: 8th Floor SR-01

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: MDJ		
Acenaphthene	BRL	1.0		µg, Total	1	4/3/2003 3:46:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	4/3/2003 3:46:00 PM
Anthracene	BRL	1.0		µg, Total	1	4/3/2003 3:46:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	4/3/2003 3:46:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	4/3/2003 3:46:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 3:46:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	4/3/2003 3:46:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 3:46:00 PM
Chrysene	BRL	1.0		µg, Total	1	4/3/2003 3:46:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	4/3/2003 3:46:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 3:46:00 PM
Fluorene	BRL	1.0		µg, Total	1	4/3/2003 3:46:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	4/3/2003 3:46:00 PM
Naphthalene	BRL	1.0		µg, Total	1	4/3/2003 3:46:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	4/3/2003 3:46:00 PM
Pyrene	BRL	1.0		µg, Total	1	4/3/2003 3:46:00 PM

Qualifiers:

BRL - Below Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range



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INDUSTRIAL HYGIENE

•EPA PA-00136
•AIHA ACCREDITATION NO. 100439
•NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
•PA DEP 06-353
•NJ DEP PA020
•CT DPH PH-0238

Date: 07-Apr-03

CLIENT: JLC Env. Consultants Inc.
Project: NYC DEP (PAH wipes)

Lab Order: R03040014

Lab ID: R03040014-02

Collection Date: 3/29/2003

Client Sample ID: 8th Floor SR-02

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: MDJ		
Acenaphthene	BRL	1.0		µg, Total	1	4/3/2003 4:11:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	4/3/2003 4:11:00 PM
Anthracene	BRL	1.0		µg, Total	1	4/3/2003 4:11:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	4/3/2003 4:11:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	4/3/2003 4:11:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 4:11:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	4/3/2003 4:11:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 4:11:00 PM
Chrysene	BRL	1.0		µg, Total	1	4/3/2003 4:11:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	4/3/2003 4:11:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 4:11:00 PM
Fluorene	BRL	1.0		µg, Total	1	4/3/2003 4:11:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	4/3/2003 4:11:00 PM
Naphthalene	BRL	1.0		µg, Total	1	4/3/2003 4:11:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	4/3/2003 4:11:00 PM
Pyrene	BRL	1.0		µg, Total	1	4/3/2003 4:11:00 PM

Qualifiers:

BRL - Below Reporting Limit
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range



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INDUSTRIAL HYGIENE

•EPA PA-00135
 •AIHA ACCREDITATION NO. 100439
 •NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
 •PA DEP 06-353
 •NJ DEP PA020
 •CT DPH PH-0238

Date: 07-Apr-03

CLIENT: JLC Env. Consultants Inc.
Project: NYC DEP (PAH wipes)

Lab Order: R03040014

Lab ID: R03040014-03
Client Sample ID: 8th Floor SR-03

Collection Date: 3/29/2003
Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: MDJ		
Acenaphthene	BRL	1.0		µg, Total	1	4/3/2003 4:35:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	4/3/2003 4:35:00 PM
Anthracene	BRL	1.0		µg, Total	1	4/3/2003 4:35:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	4/3/2003 4:35:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	4/3/2003 4:35:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 4:35:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	4/3/2003 4:35:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 4:35:00 PM
Chrysene	BRL	1.0		µg, Total	1	4/3/2003 4:35:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	4/3/2003 4:35:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 4:35:00 PM
Fluorene	BRL	1.0		µg, Total	1	4/3/2003 4:35:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	4/3/2003 4:35:00 PM
Naphthalene	BRL	1.0		µg, Total	1	4/3/2003 4:35:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	4/3/2003 4:35:00 PM
Pyrene	BRL	1.0		µg, Total	1	4/3/2003 4:35:00 PM

Qualifiers:

BRL - Below Reporting Limit
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 B - Analyte detected in the associated Method Blank
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S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range



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INDUSTRIAL HYGIENE

•EPA PA-00136
 •AIHA ACCREDITATION NO. 100439
 •NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
 •PA DEP 06-353
 •NJ DEP PA020
 •CT DPH PH-0238

Date: 07-Apr-03

CLIENT: JLC Env. Consultants Inc.
Project: NYC DEP (PAH wipes)

Lab Order: R03040014

Lab ID: R03040014-04

Collection Date: 3/29/2003

Client Sample ID: 9th Floor SR-01

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: MDJ		
Acenaphthene	BRL	1.0		µg, Total	1	4/3/2003 5:00:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	4/3/2003 5:00:00 PM
Anthracene	BRL	1.0		µg, Total	1	4/3/2003 5:00:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	4/3/2003 5:00:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	4/3/2003 5:00:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 5:00:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	4/3/2003 5:00:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 5:00:00 PM
Chrysene	BRL	1.0		µg, Total	1	4/3/2003 5:00:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	4/3/2003 5:00:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 5:00:00 PM
Fluorene	BRL	1.0		µg, Total	1	4/3/2003 5:00:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	4/3/2003 5:00:00 PM
Naphthalene	BRL	1.0		µg, Total	1	4/3/2003 5:00:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	4/3/2003 5:00:00 PM
Pyrene	BRL	1.0		µg, Total	1	4/3/2003 5:00:00 PM

Qualifiers:

BRL - Below Reporting Limit
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S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range



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INDUSTRIAL HYGIENE

•EPA PA-00136
 •AIHA ACCREDITATION NO. 100439
 •NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
 •PA DEP 06-353
 •NJ DEP PA020
 •CT DPH PH-0238

Date: 07-Apr-03

CLIENT: JLC Env. Consultants Inc.
Project: NYC DEP (PAH wipes)

Lab Order: R03040014

Lab ID: R03040014-05
Client Sample ID: 9th Floor SR-02

Collection Date: 3/29/2003
Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: MDJ		
Acenaphthene	BRL	1.0		µg, Total	1	4/3/2003 5:24:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	4/3/2003 5:24:00 PM
Anthracene	BRL	1.0		µg, Total	1	4/3/2003 5:24:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	4/3/2003 5:24:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	4/3/2003 5:24:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 5:24:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	4/3/2003 5:24:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 5:24:00 PM
Chrysene	BRL	1.0		µg, Total	1	4/3/2003 5:24:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	4/3/2003 5:24:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 5:24:00 PM
Fluorene	BRL	1.0		µg, Total	1	4/3/2003 5:24:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	4/3/2003 5:24:00 PM
Naphthalene	BRL	1.0		µg, Total	1	4/3/2003 5:24:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	4/3/2003 5:24:00 PM
Pyrene	BRL	1.0		µg, Total	1	4/3/2003 5:24:00 PM

Qualifiers:
 BRL - Below Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range



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INDUSTRIAL HYGIENE

•EPA PA-00186
•AIHA ACCREDITATION NO. 100499
•NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10908
•PA DEP 06-353
•NJ DEP PA020
•CT DPH PH-0288

Date: 07-Apr-03

CLIENT: JLC Env. Consultants Inc.
Project: NYC DEP (PAH wipes)

Lab Order: R03040014

Lab ID: R03040014-06

Collection Date: 3/29/2003

Client Sample ID: 9th Floor SR-03

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: MDJ		
Acenaphthene	BRL	1.0		µg, Total	1	4/3/2003 5:49:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	4/3/2003 5:49:00 PM
Anthracene	BRL	1.0		µg, Total	1	4/3/2003 5:49:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	4/3/2003 5:49:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	4/3/2003 5:49:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 5:49:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	4/3/2003 5:49:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 5:49:00 PM
Chrysene	BRL	1.0		µg, Total	1	4/3/2003 5:49:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	4/3/2003 5:49:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 5:49:00 PM
Fluorene	BRL	1.0		µg, Total	1	4/3/2003 5:49:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	4/3/2003 5:49:00 PM
Naphthalene	BRL	1.0		µg, Total	1	4/3/2003 5:49:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	4/3/2003 5:49:00 PM
Pyrene	BRL	1.0		µg, Total	1	4/3/2003 5:49:00 PM

Qualifiers:

BRL - Below Reporting Limit
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range



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INDUSTRIAL HYGIENE

•EPA PA-00136
 •AIHA ACCREDITATION NO. 100439
 •NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
 •PA DEP 06-353
 •NJ DEP PA020
 •CT DPH PH-0238

Date: 07-Apr-03

CLIENT: JLC Env. Consultants Inc.
Project: NYC DEP (PAH wipes)

Lab Order: R03040014

Lab ID: R03040014-07
Client Sample ID: 10th Floor SR-01

Collection Date: 3/29/2003
Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: MDJ		
Acenaphthene	BRL	1.0		µg, Total	1	4/3/2003 6:13:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	4/3/2003 6:13:00 PM
Anthracene	BRL	1.0		µg, Total	1	4/3/2003 6:13:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	4/3/2003 6:13:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	4/3/2003 6:13:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 6:13:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	4/3/2003 6:13:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 6:13:00 PM
Chrysene	BRL	1.0		µg, Total	1	4/3/2003 6:13:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	4/3/2003 6:13:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 6:13:00 PM
Fluorene	BRL	1.0		µg, Total	1	4/3/2003 6:13:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	4/3/2003 6:13:00 PM
Naphthalene	BRL	1.0		µg, Total	1	4/3/2003 6:13:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	4/3/2003 6:13:00 PM
Pyrene	BRL	1.0		µg, Total	1	4/3/2003 6:13:00 PM

Qualifiers:
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 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range



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INDUSTRIAL HYGIENE

•EPA PA-00136
•AIHA ACCREDITATION NO. 100439
•NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
•PA DEP 06-353
•NJ DEP PA020
•CT DPH PH-0238

Date: 07-Apr-03

CLIENT: JLC Env. Consultants Inc.
Project: NYC DEP (PAH wipes)

Lab Order: R03040014

Lab ID: R03040014-08
Client Sample ID: 10th Floor SR-02

Collection Date: 3/29/2003
Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: MDJ		
Acenaphthene	BRL	1.0		µg, Total	1	4/3/2003 6:37:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	4/3/2003 6:37:00 PM
Anthracene	BRL	1.0		µg, Total	1	4/3/2003 6:37:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	4/3/2003 6:37:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	4/3/2003 6:37:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 6:37:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	4/3/2003 6:37:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 6:37:00 PM
Chrysene	BRL	1.0		µg, Total	1	4/3/2003 6:37:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	4/3/2003 6:37:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 6:37:00 PM
Fluorene	BRL	1.0		µg, Total	1	4/3/2003 6:37:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	4/3/2003 6:37:00 PM
Naphthalene	BRL	1.0		µg, Total	1	4/3/2003 6:37:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	4/3/2003 6:37:00 PM
Pyrene	BRL	1.0		µg, Total	1	4/3/2003 6:37:00 PM

Qualifiers:

BRL - Below Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
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E - Value above quantitation range



4418 Pottsville Pike Reading, PA 19605
(Tel) 610-921-8833 (Fax) 610-921-8667

INDUSTRIAL HYGIENE

•EPA PA-00135
•AIHA ACCREDITATION NO. 100439
•NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
•PA DEP 06-353
•NJ DEP PA020
•CT DPH PH-0238

Date: 07-Apr-03

CLIENT: JLC Env. Consultants Inc.
Project: NYC DEP (PAH wipes)

Lab Order: R03040014

Lab ID: R03040014-09
Client Sample ID: 10th Floor SR-03

Collection Date: 3/29/2003

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: MDJ		
Acenaphthene	BRL	1.0		µg, Total	1	4/3/2003 7:02:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	4/3/2003 7:02:00 PM
Anthracene	BRL	1.0		µg, Total	1	4/3/2003 7:02:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	4/3/2003 7:02:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	4/3/2003 7:02:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 7:02:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	4/3/2003 7:02:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 7:02:00 PM
Chrysene	BRL	1.0		µg, Total	1	4/3/2003 7:02:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	4/3/2003 7:02:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 7:02:00 PM
Fluorene	BRL	1.0		µg, Total	1	4/3/2003 7:02:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	4/3/2003 7:02:00 PM
Naphthalene	BRL	1.0		µg, Total	1	4/3/2003 7:02:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	4/3/2003 7:02:00 PM
Pyrene	BRL	1.0		µg, Total	1	4/3/2003 7:02:00 PM

Qualifiers:
BRL - Below Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

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INDUSTRIAL HYGIENE

•EPA PA-00136
 •AIHA ACCREDITATION NO. 100439
 •NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
 •PA DEP 06-353
 •NJ DEP PA020
 •CT DPH PH-0238

Date: 07-Apr-03

CLIENT: JLC Env. Consultants Inc.
Project: NYC DEP (PAH wipes)

Lab Order: R03040014

Lab ID: R03040014-10

Collection Date: 3/29/2003

Client Sample ID: 11th(Down) Floor SR-01

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: MDJ		
Acenaphthene	BRL	1.0		µg, Total	1	4/3/2003 7:26:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	4/3/2003 7:26:00 PM
Anthracene	BRL	1.0		µg, Total	1	4/3/2003 7:26:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	4/3/2003 7:26:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	4/3/2003 7:26:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 7:26:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	4/3/2003 7:26:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 7:26:00 PM
Chrysene	BRL	1.0		µg, Total	1	4/3/2003 7:26:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	4/3/2003 7:26:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 7:26:00 PM
Fluorene	BRL	1.0		µg, Total	1	4/3/2003 7:26:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	4/3/2003 7:26:00 PM
Naphthalene	BRL	1.0		µg, Total	1	4/3/2003 7:26:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	4/3/2003 7:26:00 PM
Pyrene	BRL	1.0		µg, Total	1	4/3/2003 7:26:00 PM

Qualifiers:
 BRL - Below Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range



4410 Pottsville Pike Reading, PA 19605
(Tel) 610-921-9933 (Fax) 610-921-9667

INDUSTRIAL HYGIENE

•EPA PA-00136
•AIHA ACCREDITATION NO. 100439
•NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
•PA DEP 06-353
•NJ DEP PA020
•CT DPH PH-0288

Date: 07-Apr-03

CLIENT: JLC Env. Consultants Inc.
Project: NYC DEP (PAH wipes)

Lab Order: R03040014

Lab ID: R03040014-11

Collection Date: 3/29/2003

Client Sample ID: 11th(Down) Floor SR-02

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: MDJ		
Acenaphthene	BRL	1.0		µg, Total	1	4/3/2003 7:51:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	4/3/2003 7:51:00 PM
Anthracene	BRL	1.0		µg, Total	1	4/3/2003 7:51:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	4/3/2003 7:51:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	4/3/2003 7:51:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 7:51:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	4/3/2003 7:51:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 7:51:00 PM
Chrysene	BRL	1.0		µg, Total	1	4/3/2003 7:51:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	4/3/2003 7:51:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 7:51:00 PM
Fluorene	BRL	1.0		µg, Total	1	4/3/2003 7:51:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	4/3/2003 7:51:00 PM
Naphthalene	BRL	1.0		µg, Total	1	4/3/2003 7:51:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	4/3/2003 7:51:00 PM
Pyrene	BRL	1.0		µg, Total	1	4/3/2003 7:51:00 PM

Qualifiers: BRL - Below Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range



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INDUSTRIAL HYGIENE

•EPA PA-00136
 •AIHA ACCREDITATION NO. 100439
 •NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
 •PA DEP 06-353
 •NJ DEP PA020
 •CT DPH PH-0238

Date: 07-Apr-03

CLIENT: JLC Env. Consultants Inc.
Project: NYC DEP (PAH wipes)

Lab Order: R03040014

Lab ID: R03040014-12

Collection Date: 3/29/2003

Client Sample ID: 11th(Down) Floor SR-03

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: MDJ		
Acenaphthene	BRL	1.0		µg, Total	1	4/3/2003 8:16:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	4/3/2003 8:16:00 PM
Anthracene	BRL	1.0		µg, Total	1	4/3/2003 8:16:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	4/3/2003 8:16:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	4/3/2003 8:16:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 8:16:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	4/3/2003 8:16:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 8:16:00 PM
Chrysene	BRL	1.0		µg, Total	1	4/3/2003 8:16:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	4/3/2003 8:16:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 8:16:00 PM
Fluorene	BRL	1.0		µg, Total	1	4/3/2003 8:16:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	4/3/2003 8:16:00 PM
Naphthalene	BRL	1.0		µg, Total	1	4/3/2003 8:16:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	4/3/2003 8:16:00 PM
Pyrene	BRL	1.0		µg, Total	1	4/3/2003 8:16:00 PM

Qualifiers:
 BRL - Below Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range



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INDUSTRIAL HYGIENE

•EPA PA-00135
•AIHA ACCREDITATION NO. 100499
•NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10908
•PA DEP 06-353
•NJ DEP PA020
•CT DPH PH-0238

Date: 07-Apr-03

CLIENT: JLC Env. Consultants Inc.
Project: NYC DEP (PAH wipes)

Lab Order: R03040014

Lab ID: R03040014-13
Client Sample ID: 11th(Up) Floor SR-01

Collection Date: 3/29/2003
Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: MDJ		
Acenaphthene	BRL	1.0		µg, Total	1	4/3/2003 8:40:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	4/3/2003 8:40:00 PM
Anthracene	BRL	1.0		µg, Total	1	4/3/2003 8:40:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	4/3/2003 8:40:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	4/3/2003 8:40:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 8:40:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	4/3/2003 8:40:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 8:40:00 PM
Chrysene	BRL	1.0		µg, Total	1	4/3/2003 8:40:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	4/3/2003 8:40:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 8:40:00 PM
Fluorene	BRL	1.0		µg, Total	1	4/3/2003 8:40:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	4/3/2003 8:40:00 PM
Naphthalene	BRL	1.0		µg, Total	1	4/3/2003 8:40:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	4/3/2003 8:40:00 PM
Pyrene	BRL	1.0		µg, Total	1	4/3/2003 8:40:00 PM

Qualifiers: BRL - Below Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range



4418 Pottsville Pike Reading, PA 19606
(Tel) 610-921-8833 (Fax) 610-921-9667

INDUSTRIAL HYGIENE

•EPA PA-00135
 •AIHA ACCREDITATION NO. 100439
 •NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
 •PA DEP 06-853
 •NJ DEP PA020
 •CT DPH PH-0238

Date: 07-Apr-03

CLIENT: JLC Env. Consultants Inc.
Project: NYC DEP (PAH wipes)

Lab Order: R03040014

Lab ID: R03040014-14
Client Sample ID: 11th(Up) Floor SR-02

Collection Date: 3/29/2003

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: MDJ		
Acenaphthene	BRL	1.0		µg, Total	1	4/3/2003 9:05:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	4/3/2003 9:05:00 PM
Anthracene	BRL	1.0		µg, Total	1	4/3/2003 9:05:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	4/3/2003 9:05:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	4/3/2003 9:05:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 9:05:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	4/3/2003 9:05:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 9:05:00 PM
Chrysene	BRL	1.0		µg, Total	1	4/3/2003 9:05:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	4/3/2003 9:05:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 9:05:00 PM
Fluorene	BRL	1.0		µg, Total	1	4/3/2003 9:05:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	4/3/2003 9:05:00 PM
Naphthalene	BRL	1.0		µg, Total	1	4/3/2003 9:05:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	4/3/2003 9:05:00 PM
Pyrene	BRL	1.0		µg, Total	1	4/3/2003 9:05:00 PM

Qualifiers:
 BRL - Below Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range



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INDUSTRIAL HYGIENE

•EPA PA-00136
•AIHA ACCREDITATION NO. 100439
•NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
•PA DEP 06-353
•CT DPH PH-0238

Date: 07-Apr-03

CLIENT: JLC Env. Consultants Inc.
Project: NYC DEP (PAH wipes)

Lab Order: R03040014

Lab ID: R03040014-15

Collection Date: 3/29/2003

Client Sample ID: 11th(Up) Floor SR-03

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: MDJ		
Acenaphthene	BRL	1.0		µg, Total	1	4/3/2003 9:30:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	4/3/2003 9:30:00 PM
Anthracene	BRL	1.0		µg, Total	1	4/3/2003 9:30:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	4/3/2003 9:30:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	4/3/2003 9:30:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 9:30:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	4/3/2003 9:30:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 9:30:00 PM
Chrysene	BRL	1.0		µg, Total	1	4/3/2003 9:30:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	4/3/2003 9:30:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 9:30:00 PM
Fluorene	BRL	1.0		µg, Total	1	4/3/2003 9:30:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	4/3/2003 9:30:00 PM
Naphthalene	BRL	1.0		µg, Total	1	4/3/2003 9:30:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	4/3/2003 9:30:00 PM
Pyrene	BRL	1.0		µg, Total	1	4/3/2003 9:30:00 PM

Qualifiers: BRL - Below Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
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S - Spike Recovery outside accepted recovery limits
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E - Value above quantitation range

Page 15 of 15



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INDUSTRIAL HYGIENE

•EPA PA-00136
•AIHA ACCREDITATION NO. 100439
•NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
•PA DEP 06-353
•NJ DEP PA020
•CT DPH PH-0298

April 07, 2003

2003 APR 16 P 2:30

003021

Andrew Gasparro
JLC Env. Consultants Inc.
200 Park Ave S
Suite 1001
New York, NY 10003-1503

TEL: (212) 420-8119
FAX (212) 420-6092

RE: NYC DEP (PAH wipes)

Order No.: R03040013

Dear Andrew Gasparro:

PSC Analytical Services received 15 samples on 4/1/2003 9:25:00 AM for the analyses presented in the following Certificate of Analytical Results.

The analyses and all data for associated QC met regulatory and/or laboratory specifications. Exceptions will be noted in an enclosed Case Narrative.

The results on the attached Certificate of Analytical results relate only to items tested or to the samples as received by the laboratory. This Certificate of Analytical Results shall not be reproduced, except in full, without the written approval of PSC Analytical, Reading, PA.

Please note that any unused portion of the samples will be disposed of 30 days following issuance of report, unless you have requested otherwise.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Fred Usbeck
Manager, CIH

4418 Pottsville Pike, Reading, PA 19605 610-921-8833 FAX 610-921-8407

JLC ENVIRONMENTAL CONSULTANTS, INC.

CHAIN OF CUSTODY LOG

CLIENT: NYC DEP.

PROJECT NUMBER:

03-2744

SITE: 114 LIBERTY ST. N.Y. N.Y.

LAB BATCH NUMBER:

TECHNICIAN: SHAWN RASTHUMAR

SIGNATURE:

Shawn RasthumarDATE: 03/29/03PROJECT MANAGER: A. GASPARGOPAGE 01 OF 01

SAMPLE INFORMATION										
SAMPLE I.D.		DESCRIPTION / LOCATION	Sample Type					Size	RESULTS	
SAMPLE #	FIELD #		Paint	Soil	Wipe	Water	Other		Content	Unit
01		PAH / HALLWAY-FLOOR			✓			12"		
LAB #					✓			X		
COLOR(S)								12"		
02		PAH / KITCHEN-COUNTER TOP			✓			12"		
LAB #					✓			X		
COLOR(S)								12"		
03		PAH / BATHROOM			✓			12"		
LAB #		B-WALL - LOWER LEFT			✓			X		
COLOR(S)								12"		
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										
SAMPLE #	FIELD #									
LAB #										
COLOR(S)										

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

CHAIN OF CUSTODY		DATE	TIME
RELINQUISHED BY: (print) <u>SHAWN RASTHUMAR</u>	(sign) <u>Shawn Rasthumar</u>	<u>03/29/03</u>	
RECEIVED BY: (print) _____	(sign) _____	<u>/ /</u>	
RELINQUISHED BY: (print) _____	(sign) _____	<u>/ /</u>	
RECEIVED BY: (print) <u>Tina Horvath</u>	(sign) <u>Tina Horvath</u>	<u>4/1/03</u>	<u>9:25</u>
ENTERED BY: (print) _____	(sign) _____	<u>/ /</u>	
CORRECTED BY: (print) _____	(sign) _____	<u>/ /</u>	

LAB INFORMATION			COMMENTS:
LAB NAME:	METHODOLOGY	INSTRUMENT	
ANALYZED BY:	☐ EPA SW846-3050/7420	Varian SpectrAA-250 Plus	
DATE: / / 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

5TH FLOOR

JLC ENVIRONMENTAL CONSULTANTS, INC.203040013
CHAIN OF CUSTODY LOGCLIENT: NYC DEP.

PROJECT NUMBER:

03-2744

E: 114 LIBERTY ST. N.Y. N.Y.

LAB BATCH NUMBER:

TECHNICIAN: SHAWN RATKUMAR

SIGNATURE:

Shawn RatkumarDATE: 03/29/03PROJECT MANAGER: A. GASPARLOPAGE 01 OF 01**SAMPLE INFORMATION**

SAMPLE #	FIELD #	DESCRIPTION / LOCATION	Sample Type					Size	RESULTS	
			Paint	Soil	Wipe	Water	Other		Content	Unit
01		PAH HALLWAY -			✓			12"		
LAB #		FLOOR.			✓			X		
COLOR(S)								12"		
02		PAH KITCHEN -			✓			12"		
LAB #		COUNTER TOP.			✓			X		
COLOR(S)								12"		
03		PAH BATHROOM -			✓			12"		
LAB #		B-WAY LOWER LEFT.			✓			X		
COLOR(S)								12"		

TECHNICIAN'S LOG

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

CHAIN OF CUSTODY

		DATE	TIME
RELINQUISHED BY: (print) <u>SHAWN RATKUMAR</u>	(sign) <u>Shawn Ratkumar</u>	<u>03/29/03</u>	
RECEIVED BY: (print) _____	(sign) _____	<u>/ /</u>	
RELINQUISHED BY: (print) _____	(sign) _____	<u>/ /</u>	
RECEIVED BY: (print) <u>Tina Horvat</u>	(sign) <u>Tina Horvat</u>	<u>4/1/03</u>	<u>925</u>
ENTERED BY: (print) _____	(sign) _____	<u>/ /</u>	
CORRECTED BY: (print) _____	(sign) _____	<u>/ /</u>	

LAB INFORMATION

LAB NAME:	METHODOLOGY	INSTRUMENT	COMMENTS:
ANALYZED BY:	☐ EPA SW846-3050/7420	Varian SpectrAA-250 Plus	
DATE: / / 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

6TH FLOOR
JLC ENVIRONMENTAL CONSULTANTS, INC.

203040013
CHAIN OF CUSTODY LOG

CLIENT: NYC DEP. PROJECT NUMBER: 03-2744
 SITE: 114 LIBERTY ST. NY N.Y. LAB BATCH NUMBER:
 TECHNICIAN: SHAWN KATUNIAK SIGNATURE: [Signature] DATE: 03/29/03
 PROJECT MANAGER: A. GASPARD PAGE 01 OF 01

SAMPLE INFORMATION										
SAMPLE I.D.		DESCRIPTION / LOCATION	Sample Type					Size	RESULTS	
SAMPLE #	FIELD #		Paint	Soil	Wipe	Water	Other		Content	Unit
01		PAH / HALLWAY - FLOOR			✓			12"		
LAB #								X		
COLOR(S)								12"		
02		PAH / KITCHEN - COUNTER TOP			✓			12"		
LAB #								X		
COLOR(S)								12"		
03		PAH / BATHROOM - B-WALL LOWER RIGHT			✓			12"		
LAB #								X		
COLOR(S)								12"		
SAMPLE #		FIELD #								
LAB #										
COLOR(S)										
SAMPLE #		FIELD #								
LAB #										
COLOR(S)										
SAMPLE #		FIELD #								
LAB #										
COLOR(S)										

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

CHAIN OF CUSTODY		DATE	TIME
RELINQUISHED BY: (print) <u>SHAWN KATUNIAK</u>	(sign) <u>[Signature]</u>	<u>03/29/03</u>	
RECEIVED BY: (print) _____	(sign) _____	<u> / / </u>	
RELINQUISHED BY: (print) _____	(sign) _____	<u> / / </u>	
RECEIVED BY: (print) <u>Tina Horvat</u>	(sign) <u>Tina Horvat</u>	<u>4/1/03</u>	<u>9:25</u>
ENTERED BY: (print) _____	(sign) _____	<u> / / </u>	
CORRECTED BY: (print) _____	(sign) _____	<u> / / </u>	

LAB INFORMATION			COMMENTS:
LAB NAME:	METHODOLOGY	INSTRUMENT	
ANALYZED BY:	☐ EPA SW846-3050/7420	Varian SpectraAA-250 Plus	
DATE: / / TIME:	☐ EPA SW846-1979(4.1.3)/7420	☐ Air-Acetylene Flame	
QC BY:	☐ EPA 68-02-4550	☐ Graphite Furnace	

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

7TH FLOOR

R03040013

JLC ENVIRONMENTAL CONSULTANTS, INC.**CHAIN OF CUSTODY LOG**

CLIENT: NYC DEP.

PROJECT NUMBER:

03-2744

SITE: 114 LIBERTY ST. NY NY.

LAB BATCH NUMBER:

TECHNICIAN: SHAWN RAJKUMAR

SIGNATURE:

Rajkumar

DATE: 03/29/03

PROJECT MANAGER: A. GASPARD

PAGE 01 OF 01

SAMPLE INFORMATION										
SAMPLE I.D.		DESCRIPTION / LOCATION	Sample Type					Size	RESULTS	
SAMPLE #	FIELD #		Paint	Soil	Wipe	Water	Other		Content	Unit
01		PAH / HALLWAY - FLOOR			✓			12" X 12"		
02		PAH / KITCHEN - COUNTER TOP			✓			12" X 12"		
03		PAH / BATHROOM - B-WALL LOWER LIGHT			✓			12" X 12"		

TECHNICIAN'S LOG			
Analysis Requested	Turnaround Time	Verbal Results to	Report to
	☐ 24 HRS ☐ 48 HRS ☐ Over 3 Days ☒ OTHER	NAME _____ PH/P/G/FAX# _____ DATE / / TIME :	NAME _____ ADDRESS: _____ DATE / / TIME

CHAIN OF CUSTODY		DATE	TIME
RELINQUISHED BY: (print) SHAWN RAJKUMAR	(sign) Rajkumar	03/29/03	
RECEIVED BY: (print)	(sign)	/ /	
RELINQUISHED BY: (print)	(sign)	/ /	
RECEIVED BY: (print) TINA HORVAT	(sign) Tina Horvat	4/1/03	9:35
ENTERED BY: (print)	(sign)	/ /	
CORRECTED BY: (print)	(sign)	/ /	

LAB INFORMATION			COMMENTS:
LAB NAME:	METHODOLOGY	INSTRUMENT	
ANALYZED BY:	☐ EPA SW846-3050/7420	Varian SpectrAA-250 Plus	
DATE: / / 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

4TH FLOOR
JLC ENVIRONMENTAL CONSULTANTS, INC.

203040013
CHAIN OF CUSTODY LOG

CLIENT: NMC DEP

PROJECT NUMBER:

03-2744

SITE: 114 LIBERTY ST. N.Y. N.Y.

LAB BATCH NUMBER:

TECHNICIAN: SHAWN KATKUNAK

SIGNATURE:

ShawnDATE: 03/29/03PROJECT MANAGER: A. GASPARLOPAGE 01 OF 01

SAMPLE INFORMATION										
SAMPLE I.D.		DESCRIPTION / LOCATION	Sample Type					Size	RESULTS	
SAMPLE #	FIELD #		Paint	Soil	Wipe	Water	Other		Content	Unit
01		PAH / HALLWAY - FLOOR			✓			12"	X	
LAB #								12"		
COLOR(S)										
02		PAH / KITCHEN -			✓			12"	X	
LAB #		COUNTER TOP						12"		
COLOR(S)										
03		PAH / BATHROOM -			✓			12"	X	
LAB #		B - WALL - LOWER RIGHT						12"		
COLOR(S)										
SAMPLE #		FIELD #								
LAB #										
COLOR(S)										
SAMPLE #		FIELD #								
LAB #										
COLOR(S)										
SAMPLE #		FIELD #								
LAB #										
COLOR(S)										

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

CHAIN OF CUSTODY		DATE	TIME
RELINQUISHED BY: (print) <u>SHAWN KATKUNAK</u>	(sign) <u>Shawn</u>	<u>03/29/03</u>	
RECEIVED BY: (print) _____	(sign) _____	<u>/ /</u>	
RELINQUISHED BY: (print) _____	(sign) _____	<u>/ /</u>	
RECEIVED BY: (print) <u>Tina Horvat</u>	(sign) <u>Tina Horvat</u>	<u>4/1/03</u>	<u>9:25</u>
ENTERED BY: (print) _____	(sign) _____	<u>/ /</u>	
CORRECTED BY: (print) _____	(sign) _____	<u>/ /</u>	

LAB INFORMATION			COMMENTS:
LAB NAME:	METHODOLOGY	INSTRUMENT	
ANALYZED BY:	☐ EPA SW846-3050/7420	Varian SpectrAA-250 Plus	
DATE: / / 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

PSC Analytical Services

Sample Receipt Checklist

Client Name JLC ENVIRONMENTAL CONS

Date and Time Receive

4/1/2003 9:25:00 AM

Work Order Numbe R03040013

Received by TMH*

Checklist completed by

Signature

TMH

4/1/03

Date

Reviewed by

Initials

DK

4.1.03

Date

Matrix:

Carrier name FedEx

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Presen ☐

Custody seals intact on shipping container/cooler?

Yes ☐

No ☐

Not Presen ☒

Custody seals intact on sample bottles?

Yes ☐

No ☐

Not Presen ☒

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Container/Temp Blank temperature in compliance?

Yes ☒

No ☐

Water - VOA vials have zero headspace?

No VOA vials submitted ☒

Yes ☐

No ☐

Water - pH acceptable upon receipt?

Yes ☒

No ☐

Adjusted?

Checked b

Any No and/or NA (not applicable) response must be detailed in the comments section be

Client contacted

Date contacted:

Person contacted

Contacted by:

Regarding:

Comments:

Corrective Action



4418 Pottsville Pike Reading, PA 19605
(Tel) 610-921-9833 (Fax) 610-921-9867

INDUSTRIAL HYGIENE

•EPA PA-00136
 •AIHA ACCREDITATION NO. 100439
 •NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
 •PA DEP 06-353
 •NJ DEP PA020
 •CT DPH PH-0238

Date: 07-Apr-03

CLIENT: JLC Env. Consultants Inc.
Project: NYC DEP (PAH wipes)

Lab Order: R03040013

Lab ID: R03040013-01
Client Sample ID: 3rd Floor SR-01

Collection Date: 3/29/2003
Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: MDJ		
Acenaphthene	BRL	1.0		µg, Total	1	4/2/2003 9:16:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	4/2/2003 9:16:00 PM
Anthracene	BRL	1.0		µg, Total	1	4/2/2003 9:16:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	4/2/2003 9:16:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	4/2/2003 9:16:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	4/2/2003 9:16:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	4/2/2003 9:16:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	4/2/2003 9:16:00 PM
Chrysene	BRL	1.0		µg, Total	1	4/2/2003 9:16:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	4/2/2003 9:16:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	4/2/2003 9:16:00 PM
Fluorene	BRL	1.0		µg, Total	1	4/2/2003 9:16:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	4/2/2003 9:16:00 PM
Naphthalene	BRL	1.0		µg, Total	1	4/2/2003 9:16:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	4/2/2003 9:16:00 PM
Pyrene	BRL	1.0		µg, Total	1	4/2/2003 9:16:00 PM

Qualifiers:
 BRL - Below Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range



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INDUSTRIAL HYGIENE

•EPA PA-00136
 •AIHA ACCREDITATION NO. 100439
 •NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
 •PA DEP 05-353
 •NJ DEP PA020
 •CT DPH PH-0288

Date: 07-Apr-03

CLIENT: JLC Env. Consultants Inc.
Project: NYC DEP (PAH wipes)

Lab Order: R03040013

Lab ID: R03040013-02
Client Sample ID: 3rd Floor SR-02

Collection Date: 3/29/2003
Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: MDJ		
Acenaphthene	BRL	1.0		µg, Total	1	4/2/2003 9:40:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	4/2/2003 9:40:00 PM
Anthracene	BRL	1.0		µg, Total	1	4/2/2003 9:40:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	4/2/2003 9:40:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	4/2/2003 9:40:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	4/2/2003 9:40:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	4/2/2003 9:40:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	4/2/2003 9:40:00 PM
Chrysene	BRL	1.0		µg, Total	1	4/2/2003 9:40:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	4/2/2003 9:40:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	4/2/2003 9:40:00 PM
Fluorene	BRL	1.0		µg, Total	1	4/2/2003 9:40:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	4/2/2003 9:40:00 PM
Naphthalene	BRL	1.0		µg, Total	1	4/2/2003 9:40:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	4/2/2003 9:40:00 PM
Pyrene	BRL	1.0		µg, Total	1	4/2/2003 9:40:00 PM

Qualifiers:
 BRL - Below Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range



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INDUSTRIAL HYGIENE

•EPA PA-00135
 •AIHA ACCREDITATION NO. 100439
 •NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
 •PA DEP 06-353
 •NJ DEP PA020
 •CT DPH PH-0238

Date: 07-Apr-03

CLIENT: JLC Env. Consultants Inc.
Project: NYC DEP (PAH wipes)

Lab Order: R03040013

Lab ID: R03040013-03

Collection Date: 3/29/2003

Client Sample ID: 3rd Floor SR-03

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: MDJ		
Acenaphthene	BRL	1.0		µg, Total	1	4/2/2003 10:05:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	4/2/2003 10:05:00 PM
Anthracene	BRL	1.0		µg, Total	1	4/2/2003 10:05:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	4/2/2003 10:05:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	4/2/2003 10:05:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	4/2/2003 10:05:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	4/2/2003 10:05:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	4/2/2003 10:05:00 PM
Chrysene	BRL	1.0		µg, Total	1	4/2/2003 10:05:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	4/2/2003 10:05:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	4/2/2003 10:05:00 PM
Fluorene	BRL	1.0		µg, Total	1	4/2/2003 10:05:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	4/2/2003 10:05:00 PM
Naphthalene	BRL	1.0		µg, Total	1	4/2/2003 10:05:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	4/2/2003 10:05:00 PM
Pyrene	BRL	1.0		µg, Total	1	4/2/2003 10:05:00 PM

Qualifiers:
 BRL - Below Reporting Limit
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S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range



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INDUSTRIAL HYGIENE

•EPA PA-00136
 •AIHA ACCREDITATION NO. 100439
 •NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
 •PA DEP 06-353
 •NJ DEP PA020
 •CT DPH PH-0238

Date: 07-Apr-03

CLIENT: JLC Env. Consultants Inc.
Project: NYC DEP (PAH wipes)

Lab Order: R03040013

Lab ID: R03040013-04

Collection Date: 3/29/2003

Client Sample ID: 4th Floor SR-01

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: MDJ		
Acenaphthene	BRL	1.0		µg, Total	1	4/2/2003 10:29:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	4/2/2003 10:29:00 PM
Anthracene	BRL	1.0		µg, Total	1	4/2/2003 10:29:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	4/2/2003 10:29:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	4/2/2003 10:29:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	4/2/2003 10:29:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	4/2/2003 10:29:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	4/2/2003 10:29:00 PM
Chrysene	BRL	1.0		µg, Total	1	4/2/2003 10:29:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	4/2/2003 10:29:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	4/2/2003 10:29:00 PM
Fluorene	BRL	1.0		µg, Total	1	4/2/2003 10:29:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	4/2/2003 10:29:00 PM
Naphthalene	BRL	1.0		µg, Total	1	4/2/2003 10:29:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	4/2/2003 10:29:00 PM
Pyrene	BRL	1.0		µg, Total	1	4/2/2003 10:29:00 PM

Qualifiers:

BRL - Below Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range



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INDUSTRIAL HYGIENE

•EPA PA-00136
•AIHA ACCREDITATION NO. 100439
•NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10908
•PA DEP 05-353
•NJ DEP PA020
•CT DPH PH-0288

Date: 07-Apr-03

CLIENT: JLC Env. Consultants Inc.
Project: NYC DEP (PAH wipes)

Lab Order: R03040013

Lab ID: R03040013-05

Collection Date: 3/29/2003

Client Sample ID: 4th Floor SR-02

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: MDJ		
Acenaphthene	BRL	1.0		µg, Total	1	4/2/2003 10:54:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	4/2/2003 10:54:00 PM
Anthracene	BRL	1.0		µg, Total	1	4/2/2003 10:54:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	4/2/2003 10:54:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	4/2/2003 10:54:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	4/2/2003 10:54:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	4/2/2003 10:54:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	4/2/2003 10:54:00 PM
Chrysene	BRL	1.0		µg, Total	1	4/2/2003 10:54:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	4/2/2003 10:54:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	4/2/2003 10:54:00 PM
Fluorene	BRL	1.0		µg, Total	1	4/2/2003 10:54:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	4/2/2003 10:54:00 PM
Naphthalene	BRL	1.0		µg, Total	1	4/2/2003 10:54:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	4/2/2003 10:54:00 PM
Pyrene	BRL	1.0		µg, Total	1	4/2/2003 10:54:00 PM

Qualifiers:

BRL - Below Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range



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(Tel) 610-921-9933 (Fax) 610-921-9667

INDUSTRIAL HYGIENE

•EPA PA-00135
•AIHA ACCREDITATION NO. 100439
•NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
•PA DEP 06-353
•NJ DEP PA020
•CT DPH PH-0238

Date: 07-Apr-03

CLIENT: JLC Env. Consultants Inc.
Project: NYC DEP (PAH wipes)

Lab Order: R03040013

Lab ID: R03040013-06

Collection Date: 3/29/2003

Client Sample ID: 4th Floor SR-03

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: MDJ		
Acenaphthene	BRL	1.0		µg, Total	1	4/2/2003 11:19:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	4/2/2003 11:19:00 PM
Anthracene	BRL	1.0		µg, Total	1	4/2/2003 11:19:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	4/2/2003 11:19:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	4/2/2003 11:19:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	4/2/2003 11:19:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	4/2/2003 11:19:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	4/2/2003 11:19:00 PM
Chrysene	BRL	1.0		µg, Total	1	4/2/2003 11:19:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	4/2/2003 11:19:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	4/2/2003 11:19:00 PM
Fluorene	BRL	1.0		µg, Total	1	4/2/2003 11:19:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	4/2/2003 11:19:00 PM
Naphthalene	BRL	1.0		µg, Total	1	4/2/2003 11:19:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	4/2/2003 11:19:00 PM
Pyrene	BRL	1.0		µg, Total	1	4/2/2003 11:19:00 PM

Qualifiers: BRL - Below Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range



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INDUSTRIAL HYGIENE

•EPA PA-00136
•AIHA ACCREDITATION NO. 100439
•NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10908
•PA DEP 06-353
•NJ DEP PA020
•CT DPH PH-0238

Date: 07-Apr-03

CLIENT: JLC Env. Consultants Inc.
Project: NYC DEP (PAH wipes)

Lab Order: R03040013

Lab ID: R03040013-07

Collection Date: 3/29/2003

Client Sample ID: 5th Floor SR-01

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: MDJ		
Acenaphthene	BRL	1.0		µg, Total	1	4/2/2003 11:43:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	4/2/2003 11:43:00 PM
Anthracene	BRL	1.0		µg, Total	1	4/2/2003 11:43:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	4/2/2003 11:43:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	4/2/2003 11:43:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	4/2/2003 11:43:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	4/2/2003 11:43:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	4/2/2003 11:43:00 PM
Chrysene	BRL	1.0		µg, Total	1	4/2/2003 11:43:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	4/2/2003 11:43:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	4/2/2003 11:43:00 PM
Fluorene	BRL	1.0		µg, Total	1	4/2/2003 11:43:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	4/2/2003 11:43:00 PM
Naphthalene	BRL	1.0		µg, Total	1	4/2/2003 11:43:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	4/2/2003 11:43:00 PM
Pyrene	BRL	1.0		µg, Total	1	4/2/2003 11:43:00 PM

Qualifiers: BRL - Below Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range



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INDUSTRIAL HYGIENE

•EPA PA-00136
 •AIHA ACCREDITATION NO. 100439
 •NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
 •PA DEP 06-353
 •NJ DEP PA020
 •CT DPH PH-0238

Date: 07-Apr-03

CLIENT: JLC Env. Consultants Inc.
Project: NYC DEP (PAH wipes)

Lab Order: R03040013

Lab ID: R03040013-08
Client Sample ID: 5th Floor SR-02

Collection Date: 3/29/2003
Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: MDJ		
Acenaphthene	BRL	1.0		µg, Total	1	4/3/2003 12:08:00 AM
Acenaphthylene	BRL	1.0		µg, Total	1	4/3/2003 12:08:00 AM
Anthracene	BRL	1.0		µg, Total	1	4/3/2003 12:08:00 AM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	4/3/2003 12:08:00 AM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	4/3/2003 12:08:00 AM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 12:08:00 AM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	4/3/2003 12:08:00 AM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 12:08:00 AM
Chrysene	BRL	1.0		µg, Total	1	4/3/2003 12:08:00 AM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	4/3/2003 12:08:00 AM
Fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 12:08:00 AM
Fluorene	BRL	1.0		µg, Total	1	4/3/2003 12:08:00 AM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	4/3/2003 12:08:00 AM
Naphthalene	BRL	1.0		µg, Total	1	4/3/2003 12:08:00 AM
Phenanthrene	BRL	1.0		µg, Total	1	4/3/2003 12:08:00 AM
Pyrene	BRL	1.0		µg, Total	1	4/3/2003 12:08:00 AM

Qualifiers:
 BRL - Below Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range



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INDUSTRIAL HYGIENE

•EPA PA-00136
 •AIHA ACCREDITATION NO. 100439
 •NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10908
 •PA DEP 06-353
 •NJ DEP PA020
 •CT DPH PH-0238

Date: 07-Apr-03

CLIENT: JLC Env. Consultants Inc.
Project: NYC DEP (PAH wipes)

Lab Order: R03040013

Lab ID: R03040013-09
Client Sample ID: 5th Floor SR-03

Collection Date: 3/29/2003
Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: MDJ		
Acenaphthene	BRL	1.0		µg, Total	1	4/3/2003 12:32:00 AM
Acenaphthylene	BRL	1.0		µg, Total	1	4/3/2003 12:32:00 AM
Anthracene	BRL	1.0		µg, Total	1	4/3/2003 12:32:00 AM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	4/3/2003 12:32:00 AM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	4/3/2003 12:32:00 AM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 12:32:00 AM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	4/3/2003 12:32:00 AM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 12:32:00 AM
Chrysene	BRL	1.0		µg, Total	1	4/3/2003 12:32:00 AM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	4/3/2003 12:32:00 AM
Fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 12:32:00 AM
Fluorene	BRL	1.0		µg, Total	1	4/3/2003 12:32:00 AM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	4/3/2003 12:32:00 AM
Naphthalene	BRL	1.0		µg, Total	1	4/3/2003 12:32:00 AM
Phenanthrene	BRL	1.0		µg, Total	1	4/3/2003 12:32:00 AM
Pyrene	BRL	1.0		µg, Total	1	4/3/2003 12:32:00 AM

Qualifiers:
 BRL - Below Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range



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INDUSTRIAL HYGIENE

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•NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
•PA DEP 06-353
•NJ DEP PA020
•CT DPH PH-0238

Date: 07-Apr-03

CLIENT: JLC Env. Consultants Inc.
Project: NYC DEP (PAH wipes)

Lab Order: R03040013

Lab ID: R03040013-10
Client Sample ID: 6th Floor SR-01

Collection Date: 3/29/2003
Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: MDJ		
Acenaphthene	BRL	1.0		µg, Total	1	4/3/2003 1:59:00 AM
Acenaphthylene	BRL	1.0		µg, Total	1	4/3/2003 1:59:00 AM
Anthracene	BRL	1.0		µg, Total	1	4/3/2003 1:59:00 AM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	4/3/2003 1:59:00 AM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	4/3/2003 1:59:00 AM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 1:59:00 AM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	4/3/2003 1:59:00 AM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 1:59:00 AM
Chrysene	BRL	1.0		µg, Total	1	4/3/2003 1:59:00 AM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	4/3/2003 1:59:00 AM
Fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 1:59:00 AM
Fluorene	BRL	1.0		µg, Total	1	4/3/2003 1:59:00 AM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	4/3/2003 1:59:00 AM
Naphthalene	BRL	1.0		µg, Total	1	4/3/2003 1:59:00 AM
Phenanthrene	BRL	1.0		µg, Total	1	4/3/2003 1:59:00 AM
Pyrene	BRL	1.0		µg, Total	1	4/3/2003 1:59:00 AM

Qualifiers:
BRL - Below Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range



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INDUSTRIAL HYGIENE

•EPA PA-00136
•AIHA ACCREDITATION NO. 100439
•NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10908
•PA DEP 06-353
•NJ DEP PA020
•CT DPH PH-0288

Date: 07-Apr-03

CLIENT: JLC Env. Consultants Inc.
Project: NYC DEP (PAH wipes)

Lab Order: R03040013

Lab ID: R03040013-11

Collection Date: 3/29/2003

Client Sample ID: 6th Floor SR-02

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: MDJ		
Acenaphthene	BRL	1.0		µg, Total	1	4/3/2003 2:23:00 AM
Acenaphthylene	BRL	1.0		µg, Total	1	4/3/2003 2:23:00 AM
Anthracene	BRL	1.0		µg, Total	1	4/3/2003 2:23:00 AM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	4/3/2003 2:23:00 AM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	4/3/2003 2:23:00 AM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 2:23:00 AM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	4/3/2003 2:23:00 AM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 2:23:00 AM
Chrysene	BRL	1.0		µg, Total	1	4/3/2003 2:23:00 AM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	4/3/2003 2:23:00 AM
Fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 2:23:00 AM
Fluorene	BRL	1.0		µg, Total	1	4/3/2003 2:23:00 AM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	4/3/2003 2:23:00 AM
Naphthalene	BRL	1.0		µg, Total	1	4/3/2003 2:23:00 AM
Phenanthrene	BRL	1.0		µg, Total	1	4/3/2003 2:23:00 AM
Pyrene	BRL	1.0		µg, Total	1	4/3/2003 2:23:00 AM

Qualifiers: BRL - Below Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range



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INDUSTRIAL HYGIENE

•EPA PA-00135
 •AIHA ACCREDITATION NO. 100439
 •NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
 •PA DEP 06-353
 •NJ DEP PA020
 •CT DPH PH-0238

Date: 07-Apr-03

CLIENT: JLC Env. Consultants Inc.
Project: NYC DEP (PAH wipes)

Lab Order: R03040013

Lab ID: R03040013-12

Collection Date: 3/29/2003

Client Sample ID: 6th Floor SR-03

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: MDJ		
Acenaphthene	BRL	1.0		µg, Total	1	4/3/2003 2:48:00 AM
Acenaphthylene	BRL	1.0		µg, Total	1	4/3/2003 2:48:00 AM
Anthracene	BRL	1.0		µg, Total	1	4/3/2003 2:48:00 AM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	4/3/2003 2:48:00 AM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	4/3/2003 2:48:00 AM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 2:48:00 AM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	4/3/2003 2:48:00 AM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 2:48:00 AM
Chrysene	BRL	1.0		µg, Total	1	4/3/2003 2:48:00 AM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	4/3/2003 2:48:00 AM
Fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 2:48:00 AM
Fluorene	BRL	1.0		µg, Total	1	4/3/2003 2:48:00 AM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	4/3/2003 2:48:00 AM
Naphthalene	BRL	1.0		µg, Total	1	4/3/2003 2:48:00 AM
Phenanthrene	BRL	1.0		µg, Total	1	4/3/2003 2:48:00 AM
Pyrene	BRL	1.0		µg, Total	1	4/3/2003 2:48:00 AM

Qualifiers:
 BRL - Below Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range



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INDUSTRIAL HYGIENE

•EPA PA-00186
•AIHA ACCREDITATION NO. 100439
•NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
•PA DEP 06-353
•NJ DEP PA020
•CT DPH PH-0288

Date: 07-Apr-03

CLIENT: JLC Env. Consultants Inc.
Project: NYC DEP (PAH wipes)

Lab Order: R03040013

Lab ID: R03040013-13

Collection Date: 3/29/2003

Client Sample ID: 7th Floor SR-01

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: MDJ		
Acenaphthene	BRL	1.0		µg, Total	1	4/3/2003 3:12:00 AM
Acenaphthylene	BRL	1.0		µg, Total	1	4/3/2003 3:12:00 AM
Anthracene	BRL	1.0		µg, Total	1	4/3/2003 3:12:00 AM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	4/3/2003 3:12:00 AM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	4/3/2003 3:12:00 AM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 3:12:00 AM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	4/3/2003 3:12:00 AM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 3:12:00 AM
Chrysene	BRL	1.0		µg, Total	1	4/3/2003 3:12:00 AM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	4/3/2003 3:12:00 AM
Fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 3:12:00 AM
Fluorene	BRL	1.0		µg, Total	1	4/3/2003 3:12:00 AM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	4/3/2003 3:12:00 AM
Naphthalene	BRL	1.0		µg, Total	1	4/3/2003 3:12:00 AM
Phenanthrene	BRL	1.0		µg, Total	1	4/3/2003 3:12:00 AM
Pyrene	BRL	1.0		µg, Total	1	4/3/2003 3:12:00 AM

Qualifiers:

BRL - Below Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range



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INDUSTRIAL HYGIENE

•EPA PA-00135
•AIHA ACCREDITATION NO. 100439
•NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
•PA DEP 06-353
•NJ DEP PA020
•CT DPH PH-0238

Date: 07-Apr-03

CLIENT: JLC Env. Consultants Inc.
Project: NYC DEP (PAH wipes)

Lab Order: R03040013

Lab ID: R03040013-14

Collection Date: 3/29/2003

Client Sample ID: 7th Floor SR-02

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: MDJ		
Acenaphthene	BRL	1.0		µg, Total	1	4/3/2003 3:37:00 AM
Acenaphthylene	BRL	1.0		µg, Total	1	4/3/2003 3:37:00 AM
Anthracene	BRL	1.0		µg, Total	1	4/3/2003 3:37:00 AM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	4/3/2003 3:37:00 AM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	4/3/2003 3:37:00 AM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 3:37:00 AM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	4/3/2003 3:37:00 AM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 3:37:00 AM
Chrysene	BRL	1.0		µg, Total	1	4/3/2003 3:37:00 AM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	4/3/2003 3:37:00 AM
Fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 3:37:00 AM
Fluorene	BRL	1.0		µg, Total	1	4/3/2003 3:37:00 AM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	4/3/2003 3:37:00 AM
Naphthalene	BRL	1.0		µg, Total	1	4/3/2003 3:37:00 AM
Phenanthrene	BRL	1.0		µg, Total	1	4/3/2003 3:37:00 AM
Pyrene	BRL	1.0		µg, Total	1	4/3/2003 3:37:00 AM

Qualifiers:
BRL - Below Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

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INDUSTRIAL HYGIENE

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ENVIRONMENTAL TESTING

•NY DOH/NELAC 10908
 •PA DEP 06-353
 •NJ DEP PA020
 •CT DPH PH-0238

Date: 07-Apr-03

CLIENT: JLC Env. Consultants Inc.
Project: NYC DEP (PAH wipes)

Lab Order: R03040013

Lab ID: R03040013-15
Client Sample ID: 7th Floor SR-03

Collection Date: 3/29/2003
Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: MDJ		
Acenaphthene	BRL	1.0		µg, Total	1	4/3/2003 4:02:00 AM
Acenaphthylene	BRL	1.0		µg, Total	1	4/3/2003 4:02:00 AM
Anthracene	BRL	1.0		µg, Total	1	4/3/2003 4:02:00 AM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	4/3/2003 4:02:00 AM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	4/3/2003 4:02:00 AM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 4:02:00 AM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	4/3/2003 4:02:00 AM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 4:02:00 AM
Chrysene	BRL	1.0		µg, Total	1	4/3/2003 4:02:00 AM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	4/3/2003 4:02:00 AM
Fluoranthene	BRL	1.0		µg, Total	1	4/3/2003 4:02:00 AM
Fluorene	BRL	1.0		µg, Total	1	4/3/2003 4:02:00 AM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	4/3/2003 4:02:00 AM
Naphthalene	BRL	1.0		µg, Total	1	4/3/2003 4:02:00 AM
Phenanthrene	BRL	1.0		µg, Total	1	4/3/2003 4:02:00 AM
Pyrene	BRL	1.0		µg, Total	1	4/3/2003 4:02:00 AM

Qualifiers:
 BRL - Below Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range