

Gilsenan, Michael

From: Theodorellys, Penny
Sent: Tuesday, March 25, 2003 3:36 PM
To: Nace.Charles@epamail.epa.gov
Cc: Radhakrishnan, Krish; Gilsenan, Michael
Subject: FW: Revised PAH results

Revised PAH results.

-----Original Message-----

From: Andrew Gasparro [<mailto:agasparro@jlcenvironmental.com>] <<mailto:agasparro@jlcenvironmental.com>>
Sent: Monday, March 24, 2003 4:28 PM
To: 'Theodorellys, Penny'
Subject: FW: Revised PAH results



R03030157 revised Report.pdf



R03030158 revised Report.pdf

Penny,

I hope this reporting method is correct. Please let me know if we need to make any additional changes on this.

Thank you,

Andrew L. Gasparro
Vice President
JLC Environmental Consultants, Inc.
200 Park Ave. S. Suite 1001
New York, NY 10003
212-420-8119
212-420-6092 Fax
917-612-4803 Cell

-----Original Message-----

From: Usbeck, Fred [<mailto:FUsbeck@contactpsc.com>] <<mailto:FUsbeck@contactpsc.com>>
Sent: Monday, March 24, 2003 3:50 PM
To: agasparro@jlcenvironmental.com
Subject: Revised PAH results

Andrew -

Attached are revised reports showing detection limits for PAH wipes at 1 ug per parameter.

If you need anything else please get back to me (dioxin reports are being worked on).

Thanks! Fred

<<R03030157 revised Report.pdf>> <<R03030158 revised Report.pdf>>

Fred Usbeck, CIH
PSC Analytical Services
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Reading, PA 19605
fusbeck@contactpsc.com
(610) 921-8833 ext. 224



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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-0238

Date: 24-Mar-03

CLIENT: JLC Env. Consultants Inc.
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab Order: R03030157

Lab ID: R03030157-01

Collection Date: 3/5/2003

Client Sample ID: 04, 8th Flr (Floor Hallway)

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: CXA		
Acenaphthene	BRL	1.0		µg, Total	1	3/10/2003 6:20:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	3/10/2003 6:20:00 PM
Anthracene	BRL	1.0		µg, Total	1	3/10/2003 6:20:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	3/10/2003 6:20:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	3/10/2003 6:20:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 6:20:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	3/10/2003 6:20:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 6:20:00 PM
Chrysene	BRL	1.0		µg, Total	1	3/10/2003 6:20:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	3/10/2003 6:20:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 6:20:00 PM
Fluorene	BRL	1.0		µg, Total	1	3/10/2003 6:20:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	3/10/2003 6:20:00 PM
Naphthalene	BRL	1.0		µg, Total	1	3/10/2003 6:20:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	3/10/2003 6:20:00 PM
Pyrene	BRL	1.0		µg, Total	1	3/10/2003 6:20:00 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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ENVIRONMENTAL TESTING

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

Date: 24-Mar-03

CLIENT: JLC Env. Consultants Inc.
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab Order: R03030157

Lab ID: R03030157-02

Collection Date: 3/5/2003

Client Sample ID: 05, 8th Flr (Wall Living Rm, Lo

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: CXA		
Acenaphthene	BRL	1.0		µg, Total	1	3/10/2003 6:44:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	3/10/2003 6:44:00 PM
Anthracene	BRL	1.0		µg, Total	1	3/10/2003 6:44:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	3/10/2003 6:44:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	3/10/2003 6:44:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 6:44:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	3/10/2003 6:44:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 6:44:00 PM
Chrysene	BRL	1.0		µg, Total	1	3/10/2003 6:44:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	3/10/2003 6:44:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 6:44:00 PM
Fluorene	BRL	1.0		µg, Total	1	3/10/2003 6:44:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	3/10/2003 6:44:00 PM
Naphthalene	BRL	1.0		µg, Total	1	3/10/2003 6:44:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	3/10/2003 6:44:00 PM
Pyrene	BRL	1.0		µg, Total	1	3/10/2003 6:44:00 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

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ENVIRONMENTAL TESTING

•NY DOH/NELAC 10908
 •PA DEP 05-353
 •NJ DEP PA020
 •CT DPH PH-0238

Date: 24-Mar-03

CLIENT: JLC Env. Consultants Inc.
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab Order: R03030157

Lab ID: R03030157-03

Collection Date: 3/5/2003

Client Sample ID: 06, 8th Flr (Countertop Kitchen)

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: CXA		
Acenaphthene	BRL	1.0		µg, Total	1	3/10/2003 7:09:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	3/10/2003 7:09:00 PM
Anthracene	BRL	1.0		µg, Total	1	3/10/2003 7:09:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	3/10/2003 7:09:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	3/10/2003 7:09:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 7:09:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	3/10/2003 7:09:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 7:09:00 PM
Chrysene	BRL	1.0		µg, Total	1	3/10/2003 7:09:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	3/10/2003 7:09:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 7:09:00 PM
Fluorene	BRL	1.0		µg, Total	1	3/10/2003 7:09:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	3/10/2003 7:09:00 PM
Naphthalene	BRL	1.0		µg, Total	1	3/10/2003 7:09:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	3/10/2003 7:09:00 PM
Pyrene	BRL	1.0		µg, Total	1	3/10/2003 7:09:00 PM

Qualifiers:

BRL - Below Reporting Limit
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 * - 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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ENVIRONMENTAL TESTING

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 •CT DPH PH-0238

Date: 24-Mar-03

CLIENT: JLC Env. Consultants Inc.
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab Order: R03030157

Lab ID: R03030157-04

Collection Date: 3/5/2003

Client Sample ID: 04, 5th Flr (Floor Hallway)

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: CXA		
Acenaphthene	BRL	1.0		µg, Total	1	3/10/2003 7:34:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	3/10/2003 7:34:00 PM
Anthracene	BRL	1.0		µg, Total	1	3/10/2003 7:34:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	3/10/2003 7:34:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	3/10/2003 7:34:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 7:34:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	3/10/2003 7:34:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 7:34:00 PM
Chrysene	BRL	1.0		µg, Total	1	3/10/2003 7:34:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	3/10/2003 7:34:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 7:34:00 PM
Fluorene	BRL	1.0		µg, Total	1	3/10/2003 7:34:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	3/10/2003 7:34:00 PM
Naphthalene	BRL	1.0		µg, Total	1	3/10/2003 7:34:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	3/10/2003 7:34:00 PM
Pyrene	BRL	1.0		µg, Total	1	3/10/2003 7:34:00 PM

Qualifiers:

BRL - Below Reporting Limit
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 * - 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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ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
•PA DEP 05-353
•NJ DEP PA020
•CT DPH PH-0238

Date: 24-Mar-03

CLIENT: JLC Env. Consultants Inc.
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab Order: R03030157

Lab ID: R03030157-05

Collection Date: 3/5/2003

Client Sample ID: 05, 5th Flr (Wall Bathrm, Lower

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: CXA		
Acenaphthene	BRL	1.0		µg, Total	1	3/10/2003 7:58:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	3/10/2003 7:58:00 PM
Anthracene	BRL	1.0		µg, Total	1	3/10/2003 7:58:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	3/10/2003 7:58:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	3/10/2003 7:58:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 7:58:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	3/10/2003 7:58:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 7:58:00 PM
Chrysene	BRL	1.0		µg, Total	1	3/10/2003 7:58:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	3/10/2003 7:58:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 7:58:00 PM
Fluorene	BRL	1.0		µg, Total	1	3/10/2003 7:58:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	3/10/2003 7:58:00 PM
Naphthalene	BRL	1.0		µg, Total	1	3/10/2003 7:58:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	3/10/2003 7:58:00 PM
Pyrene	BRL	1.0		µg, Total	1	3/10/2003 7:58:00 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

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ENVIRONMENTAL TESTING

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

Date: 24-Mar-03

CLIENT: JLC Env. Consultants Inc.
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab Order: R03030157

Lab ID: R03030157-06

Collection Date: 3/5/2003

Client Sample ID: 06, 5th Flr (Countertop Kitchen)

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: CXA		
Acenaphthene	BRL	1.0		µg, Total	1	3/10/2003 8:23:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	3/10/2003 8:23:00 PM
Anthracene	BRL	1.0		µg, Total	1	3/10/2003 8:23:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	3/10/2003 8:23:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	3/10/2003 8:23:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 8:23:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	3/10/2003 8:23:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 8:23:00 PM
Chrysene	BRL	1.0		µg, Total	1	3/10/2003 8:23:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	3/10/2003 8:23:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 8:23:00 PM
Fluorene	BRL	1.0		µg, Total	1	3/10/2003 8:23:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	3/10/2003 8:23:00 PM
Naphthalene	BRL	1.0		µg, Total	1	3/10/2003 8:23:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	3/10/2003 8:23:00 PM
Pyrene	BRL	1.0		µg, Total	1	3/10/2003 8:23:00 PM

Qualifiers:
 BRL - Below Reporting Limit
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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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ENVIRONMENTAL TESTING

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

Date: 24-Mar-03

CLIENT: JLC Env. Consultants Inc.
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab Order: R03030157

Lab ID: R03030157-07

Collection Date: 3/4/2003

Client Sample ID: 04, 10th Flr (Floor Hallway)

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: CXA		
Acenaphthene	BRL	1.0		µg, Total	1	3/10/2003 8:48:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	3/10/2003 8:48:00 PM
Anthracene	BRL	1.0		µg, Total	1	3/10/2003 8:48:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	3/10/2003 8:48:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	3/10/2003 8:48:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 8:48:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	3/10/2003 8:48:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 8:48:00 PM
Chrysene	BRL	1.0		µg, Total	1	3/10/2003 8:48:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	3/10/2003 8:48:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 8:48:00 PM
Fluorene	BRL	1.0		µg, Total	1	3/10/2003 8:48:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	3/10/2003 8:48:00 PM
Naphthalene	BRL	1.0		µg, Total	1	3/10/2003 8:48:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	3/10/2003 8:48:00 PM
Pyrene	BRL	1.0		µg, Total	1	3/10/2003 8:48:00 PM

Qualifiers:

BRL - Below Reporting Limit
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ENVIRONMENTAL TESTING

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

Date: 24-Mar-03

CLIENT: JLC Env. Consultants Inc.
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab Order: R03030157

Lab ID: R03030157-08

Collection Date: 3/4/2003

Client Sample ID: 05, 10th Flr (Wall Kitchen)

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: CXA		
Acenaphthene	BRL	1.0		µg, Total	1	3/10/2003 9:12:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	3/10/2003 9:12:00 PM
Anthracene	BRL	1.0		µg, Total	1	3/10/2003 9:12:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	3/10/2003 9:12:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	3/10/2003 9:12:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 9:12:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	3/10/2003 9:12:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 9:12:00 PM
Chrysene	BRL	1.0		µg, Total	1	3/10/2003 9:12:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	3/10/2003 9:12:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 9:12:00 PM
Fluorene	BRL	1.0		µg, Total	1	3/10/2003 9:12:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	3/10/2003 9:12:00 PM
Naphthalene	BRL	1.0		µg, Total	1	3/10/2003 9:12:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	3/10/2003 9:12:00 PM
Pyrene	BRL	1.0		µg, Total	1	3/10/2003 9:12:00 PM

Qualifiers:

BRL - Below Reporting Limit
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ENVIRONMENTAL TESTING

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 •NJ DEP PA020
 •CT DPH PH-0238

Date: 24-Mar-03

CLIENT: JLC Env. Consultants Inc.
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab Order: R03030157

Lab ID: R03030157-09

Collection Date: 3/4/2003

Client Sample ID: 06, 10th Flr (Countertop Kitchen

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: CXA		
Acenaphthene	BRL	1.0		µg, Total	1	3/10/2003 9:37:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	3/10/2003 9:37:00 PM
Anthracene	BRL	1.0		µg, Total	1	3/10/2003 9:37:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	3/10/2003 9:37:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	3/10/2003 9:37:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 9:37:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	3/10/2003 9:37:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 9:37:00 PM
Chrysene	BRL	1.0		µg, Total	1	3/10/2003 9:37:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	3/10/2003 9:37:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 9:37:00 PM
Fluorene	BRL	1.0		µg, Total	1	3/10/2003 9:37:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	3/10/2003 9:37:00 PM
Naphthalene	BRL	1.0		µg, Total	1	3/10/2003 9:37:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	3/10/2003 9:37:00 PM
Pyrene	BRL	1.0		µg, Total	1	3/10/2003 9:37:00 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
 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: 24-Mar-03

CLIENT: JLC Env. Consultants Inc.
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab Order: R03030157

Lab ID: R03030157-10

Collection Date: 3/5/2003

Client Sample ID: 04, 7th Flr (Floor Hallway)

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C				Analyst: CXA
Acenaphthene	BRL	1.0		µg, Total	1	3/10/2003 10:01:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	3/10/2003 10:01:00 PM
Anthracene	BRL	1.0		µg, Total	1	3/10/2003 10:01:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	3/10/2003 10:01:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	3/10/2003 10:01:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 10:01:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	3/10/2003 10:01:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 10:01:00 PM
Chrysene	BRL	1.0		µg, Total	1	3/10/2003 10:01:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	3/10/2003 10:01:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 10:01:00 PM
Fluorene	BRL	1.0		µg, Total	1	3/10/2003 10:01:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	3/10/2003 10:01:00 PM
Naphthalene	BRL	1.0		µg, Total	1	3/10/2003 10:01:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	3/10/2003 10:01:00 PM
Pyrene	BRL	1.0		µg, Total	1	3/10/2003 10:01:00 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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ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
 •PA DEP 05-353
 •NJ DEP PA020
 •CT DPH PH-0238

Date: 24-Mar-03

CLIENT: JLC Env. Consultants Inc.
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab Order: R03030157

Lab ID: R03030157-11

Collection Date: 3/5/2003

Client Sample ID: 05, 7th Flr (Wall Living Rm, Rt

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: CXA		
Acenaphthene	BRL	1.0		µg, Total	1	3/10/2003 10:26:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	3/10/2003 10:26:00 PM
Anthracene	BRL	1.0		µg, Total	1	3/10/2003 10:26:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	3/10/2003 10:26:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	3/10/2003 10:26:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 10:26:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	3/10/2003 10:26:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 10:26:00 PM
Chrysene	BRL	1.0		µg, Total	1	3/10/2003 10:26:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	3/10/2003 10:26:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 10:26:00 PM
Fluorene	BRL	1.0		µg, Total	1	3/10/2003 10:26:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	3/10/2003 10:26:00 PM
Naphthalene	BRL	1.0		µg, Total	1	3/10/2003 10:26:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	3/10/2003 10:26:00 PM
Pyrene	BRL	1.0		µg, Total	1	3/10/2003 10:26:00 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



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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: 24-Mar-03

CLIENT: JLC Env. Consultants Inc.
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab Order: R03030157

Lab ID: R03030157-12

Collection Date: 3/5/2003

Client Sample ID: 06, 7th Flr (Countertop Kitchen)

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: CXA		
Acenaphthene	BRL	1.0		µg, Total	1	3/10/2003 10:50:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	3/10/2003 10:50:00 PM
Anthracene	BRL	1.0		µg, Total	1	3/10/2003 10:50:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	3/10/2003 10:50:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	3/10/2003 10:50:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 10:50:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	3/10/2003 10:50:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 10:50:00 PM
Chrysene	BRL	1.0		µg, Total	1	3/10/2003 10:50:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	3/10/2003 10:50:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 10:50:00 PM
Fluorene	BRL	1.0		µg, Total	1	3/10/2003 10:50:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	3/10/2003 10:50:00 PM
Naphthalene	BRL	1.0		µg, Total	1	3/10/2003 10:50:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	3/10/2003 10:50:00 PM
Pyrene	BRL	1.0		µg, Total	1	3/10/2003 10:50:00 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

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•NC DENR 599

ENVIRONMENTAL TESTING

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

Date: 24-Mar-03

CLIENT: JLC Env. Consultants Inc.
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab Order: R03030157

Lab ID: R03030157-13

Collection Date: 3/5/2003

Client Sample ID: 04, 9th Flr (Floor Hallway)

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: CXA		
Acenaphthene	BRL	1.0		µg, Total	1	3/10/2003 11:15:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	3/10/2003 11:15:00 PM
Anthracene	BRL	1.0		µg, Total	1	3/10/2003 11:15:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	3/10/2003 11:15:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	3/10/2003 11:15:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 11:15:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	3/10/2003 11:15:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 11:15:00 PM
Chrysene	BRL	1.0		µg, Total	1	3/10/2003 11:15:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	3/10/2003 11:15:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 11:15:00 PM
Fluorene	BRL	1.0		µg, Total	1	3/10/2003 11:15:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	3/10/2003 11:15:00 PM
Naphthalene	BRL	1.0		µg, Total	1	3/10/2003 11:15:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	3/10/2003 11:15:00 PM
Pyrene	BRL	1.0		µg, Total	1	3/10/2003 11:15:00 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

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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: 24-Mar-03

CLIENT: JLC Env. Consultants Inc.
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab Order: R03030157

Lab ID: R03030157-14

Collection Date: 3/5/2003

Client Sample ID: 05, 9th Flr (Wall Bathroom, Upp

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: CXA		
Acenaphthene	BRL	1.0		µg, Total	1	3/10/2003 11:40:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	3/10/2003 11:40:00 PM
Anthracene	BRL	1.0		µg, Total	1	3/10/2003 11:40:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	3/10/2003 11:40:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	3/10/2003 11:40:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 11:40:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	3/10/2003 11:40:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 11:40:00 PM
Chrysene	BRL	1.0		µg, Total	1	3/10/2003 11:40:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	3/10/2003 11:40:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	3/10/2003 11:40:00 PM
Fluorene	BRL	1.0		µg, Total	1	3/10/2003 11:40:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	3/10/2003 11:40:00 PM
Naphthalene	BRL	1.0		µg, Total	1	3/10/2003 11:40:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	3/10/2003 11:40:00 PM
Pyrene	BRL	1.0		µg, Total	1	3/10/2003 11:40:00 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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ENVIRONMENTAL TESTING

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

Date: 24-Mar-03

CLIENT: JLC Env. Consultants Inc.
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab Order: R03030157

Lab ID: R03030157-15

Collection Date: 3/5/2003

Client Sample ID: 06, 9th Flr (Countertop Kitchen)

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: CXA		
Acenaphthene	BRL	1.0		µg, Total	1	3/11/2003 12:04:00 AM
Acenaphthylene	BRL	1.0		µg, Total	1	3/11/2003 12:04:00 AM
Anthracene	BRL	1.0		µg, Total	1	3/11/2003 12:04:00 AM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	3/11/2003 12:04:00 AM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	3/11/2003 12:04:00 AM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 12:04:00 AM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	3/11/2003 12:04:00 AM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 12:04:00 AM
Chrysene	BRL	1.0		µg, Total	1	3/11/2003 12:04:00 AM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	3/11/2003 12:04:00 AM
Fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 12:04:00 AM
Fluorene	BRL	1.0		µg, Total	1	3/11/2003 12:04:00 AM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	3/11/2003 12:04:00 AM
Naphthalene	BRL	1.0		µg, Total	1	3/11/2003 12:04:00 AM
Phenanthrene	BRL	1.0		µg, Total	1	3/11/2003 12:04:00 AM
Pyrene	BRL	1.0		µg, Total	1	3/11/2003 12:04:00 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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ENVIRONMENTAL TESTING

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

Date: 24-Mar-03

CLIENT: JLC Env. Consultants Inc.
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab Order: R03030158

Lab ID: R03030158-01

Collection Date: 3/5/2003

Client Sample ID: 04, 6th Fl (Floor Hallway)

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: CXA		
Acenaphthene	BRL	1.0		µg, Total	1	3/11/2003 4:09:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	3/11/2003 4:09:00 PM
Anthracene	BRL	1.0		µg, Total	1	3/11/2003 4:09:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	3/11/2003 4:09:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	3/11/2003 4:09:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 4:09:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	3/11/2003 4:09:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 4:09:00 PM
Chrysene	BRL	1.0		µg, Total	1	3/11/2003 4:09:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	3/11/2003 4:09:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 4:09:00 PM
Fluorene	BRL	1.0		µg, Total	1	3/11/2003 4:09:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	3/11/2003 4:09:00 PM
Naphthalene	BRL	1.0		µg, Total	1	3/11/2003 4:09:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	3/11/2003 4:09:00 PM
Pyrene	BRL	1.0		µg, Total	1	3/11/2003 4:09:00 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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ENVIRONMENTAL TESTING

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 •CT DPH PH-0238

Date: 24-Mar-03

CLIENT: JLC Env. Consultants Inc.
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab Order: R03030158

Lab ID: R03030158-02

Collection Date: 3/5/2003

Client Sample ID: 05, 6th Fl (Wall Bathrm, Lower

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: CXA		
Acenaphthene	BRL	1.0		µg, Total	1	3/11/2003 4:34:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	3/11/2003 4:34:00 PM
Anthracene	BRL	1.0		µg, Total	1	3/11/2003 4:34:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	3/11/2003 4:34:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	3/11/2003 4:34:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 4:34:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	3/11/2003 4:34:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 4:34:00 PM
Chrysene	BRL	1.0		µg, Total	1	3/11/2003 4:34:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	3/11/2003 4:34:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 4:34:00 PM
Fluorene	BRL	1.0		µg, Total	1	3/11/2003 4:34:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	3/11/2003 4:34:00 PM
Naphthalene	BRL	1.0		µg, Total	1	3/11/2003 4:34:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	3/11/2003 4:34:00 PM
Pyrene	BRL	1.0		µg, Total	1	3/11/2003 4:34:00 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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Date: 24-Mar-03

CLIENT: JLC Env. Consultants Inc.
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab Order: R03030158

Lab ID: R03030158-03

Collection Date: 3/5/2003

Client Sample ID: 06, 6th Fl (Countertop Kitchen)

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: CXA		
Acenaphthene	BRL	1.0		µg, Total	1	3/11/2003 4:58:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	3/11/2003 4:58:00 PM
Anthracene	BRL	1.0		µg, Total	1	3/11/2003 4:58:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	3/11/2003 4:58:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	3/11/2003 4:58:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 4:58:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	3/11/2003 4:58:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 4:58:00 PM
Chrysene	BRL	1.0		µg, Total	1	3/11/2003 4:58:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	3/11/2003 4:58:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 4:58:00 PM
Fluorene	BRL	1.0		µg, Total	1	3/11/2003 4:58:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	3/11/2003 4:58:00 PM
Naphthalene	BRL	1.0		µg, Total	1	3/11/2003 4:58:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	3/11/2003 4:58:00 PM
Pyrene	BRL	1.0		µg, Total	1	3/11/2003 4:58:00 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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4418 Pottsville Pike Reading, PA 19605
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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: 24-Mar-03

CLIENT: JLC Env. Consultants Inc.
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab Order: R03030158

Lab ID: R03030158-04

Collection Date: 3/5/2003

Client Sample ID: 04, 3rd Fl (Floor Hallway)

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: CXA		
Acenaphthene	BRL	1.0		µg, Total	1	3/11/2003 5:23:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	3/11/2003 5:23:00 PM
Anthracene	BRL	1.0		µg, Total	1	3/11/2003 5:23:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	3/11/2003 5:23:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	3/11/2003 5:23:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 5:23:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	3/11/2003 5:23:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 5:23:00 PM
Chrysene	BRL	1.0		µg, Total	1	3/11/2003 5:23:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	3/11/2003 5:23:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 5:23:00 PM
Fluorene	BRL	1.0		µg, Total	1	3/11/2003 5:23:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	3/11/2003 5:23:00 PM
Naphthalene	BRL	1.0		µg, Total	1	3/11/2003 5:23:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	3/11/2003 5:23:00 PM
Pyrene	BRL	1.0		µg, Total	1	3/11/2003 5:23:00 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
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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: 24-Mar-03

CLIENT: JLC Env. Consultants Inc.
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab Order: R03030158

Lab ID: R03030158-05

Collection Date: 3/5/2003

Client Sample ID: 05, 3rd Fl (Wall Bathrm, Lower

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: CXA		
Acenaphthene	BRL	1.0		µg, Total	1	3/11/2003 5:48:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	3/11/2003 5:48:00 PM
Anthracene	BRL	1.0		µg, Total	1	3/11/2003 5:48:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	3/11/2003 5:48:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	3/11/2003 5:48:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 5:48:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	3/11/2003 5:48:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 5:48:00 PM
Chrysene	BRL	1.0		µg, Total	1	3/11/2003 5:48:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	3/11/2003 5:48:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 5:48:00 PM
Fluorene	BRL	1.0		µg, Total	1	3/11/2003 5:48:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	3/11/2003 5:48:00 PM
Naphthalene	BRL	1.0		µg, Total	1	3/11/2003 5:48:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	3/11/2003 5:48:00 PM
Pyrene	BRL	1.0		µg, Total	1	3/11/2003 5:48:00 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
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 •NC DENR 599

ENVIRONMENTAL TESTING

•NY DOH/NELAC 10903
 •PA DEP 05-353
 •NJ DEP PA020
 •CT DPH PH-0238

Date: 24-Mar-03

CLIENT: JLC Env. Consultants Inc.
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab Order: R03030158

Lab ID: R03030158-06

Collection Date: 3/5/2003

Client Sample ID: 06, 3rd Fl (Countertop Kitchen)

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: CXA		
Acenaphthene	BRL	1.0		µg, Total	1	3/11/2003 6:12:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	3/11/2003 6:12:00 PM
Anthracene	BRL	1.0		µg, Total	1	3/11/2003 6:12:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	3/11/2003 6:12:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	3/11/2003 6:12:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 6:12:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	3/11/2003 6:12:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 6:12:00 PM
Chrysene	BRL	1.0		µg, Total	1	3/11/2003 6:12:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	3/11/2003 6:12:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 6:12:00 PM
Fluorene	BRL	1.0		µg, Total	1	3/11/2003 6:12:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	3/11/2003 6:12:00 PM
Naphthalene	BRL	1.0		µg, Total	1	3/11/2003 6:12:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	3/11/2003 6:12:00 PM
Pyrene	BRL	1.0		µg, Total	1	3/11/2003 6:12:00 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

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ENVIRONMENTAL TESTING

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

Date: 24-Mar-03

CLIENT: JLC Env. Consultants Inc.
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab Order: R03030158

Lab ID: R03030158-07

Collection Date: 3/5/2003

Client Sample ID: 04, 4th Fl (Floor Hallway)

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: CXA		
Acenaphthene	BRL	1.0		µg, Total	1	3/11/2003 6:37:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	3/11/2003 6:37:00 PM
Anthracene	BRL	1.0		µg, Total	1	3/11/2003 6:37:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	3/11/2003 6:37:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	3/11/2003 6:37:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 6:37:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	3/11/2003 6:37:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 6:37:00 PM
Chrysene	BRL	1.0		µg, Total	1	3/11/2003 6:37:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	3/11/2003 6:37:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 6:37:00 PM
Fluorene	BRL	1.0		µg, Total	1	3/11/2003 6:37:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	3/11/2003 6:37:00 PM
Naphthalene	BRL	1.0		µg, Total	1	3/11/2003 6:37:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	3/11/2003 6:37:00 PM
Pyrene	BRL	1.0		µg, Total	1	3/11/2003 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

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
•CT DPH PH-0238

Date: 24-Mar-03

CLIENT: JLC Env. Consultants Inc.
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab Order: R03030158

Lab ID: R03030158-08

Collection Date: 3/5/2003

Client Sample ID: 05, 4th Fl (Wall Bathrm, Lower

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: CXA		
Acenaphthene	BRL	1.0		µg, Total	1	3/11/2003 7:01:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	3/11/2003 7:01:00 PM
Anthracene	BRL	1.0		µg, Total	1	3/11/2003 7:01:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	3/11/2003 7:01:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	3/11/2003 7:01:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 7:01:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	3/11/2003 7:01:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 7:01:00 PM
Chrysene	BRL	1.0		µg, Total	1	3/11/2003 7:01:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	3/11/2003 7:01:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 7:01:00 PM
Fluorene	BRL	1.0		µg, Total	1	3/11/2003 7:01:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	3/11/2003 7:01:00 PM
Naphthalene	BRL	1.0		µg, Total	1	3/11/2003 7:01:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	3/11/2003 7:01:00 PM
Pyrene	BRL	1.0		µg, Total	1	3/11/2003 7:01:00 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: 24-Mar-03

CLIENT: JLC Env. Consultants Inc.
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab Order: R03030158

Lab ID: R03030158-09

Collection Date: 3/5/2003

Client Sample ID: 06, 4th Fl (Countertop Kitchen)

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: CXA		
Acenaphthene	BRL	1.0		µg, Total	1	3/11/2003 7:26:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	3/11/2003 7:26:00 PM
Anthracene	BRL	1.0		µg, Total	1	3/11/2003 7:26:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	3/11/2003 7:26:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	3/11/2003 7:26:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 7:26:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	3/11/2003 7:26:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 7:26:00 PM
Chrysene	BRL	1.0		µg, Total	1	3/11/2003 7:26:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	3/11/2003 7:26:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 7:26:00 PM
Fluorene	BRL	1.0		µg, Total	1	3/11/2003 7:26:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	3/11/2003 7:26:00 PM
Naphthalene	BRL	1.0		µg, Total	1	3/11/2003 7:26:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	3/11/2003 7:26:00 PM
Pyrene	BRL	1.0		µg, Total	1	3/11/2003 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



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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: 24-Mar-03

CLIENT: JLC Env. Consultants Inc.
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab Order: R03030158

Lab ID: R03030158-10

Collection Date: 3/4/2003

Client Sample ID: 04, 11th Fl Downstairs (Wall Be

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: CXA		
Acenaphthene	BRL	1.0		µg, Total	1	3/11/2003 7:51:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	3/11/2003 7:51:00 PM
Anthracene	BRL	1.0		µg, Total	1	3/11/2003 7:51:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	3/11/2003 7:51:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	3/11/2003 7:51:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 7:51:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	3/11/2003 7:51:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 7:51:00 PM
Chrysene	BRL	1.0		µg, Total	1	3/11/2003 7:51:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	3/11/2003 7:51:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 7:51:00 PM
Fluorene	BRL	1.0		µg, Total	1	3/11/2003 7:51:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	3/11/2003 7:51:00 PM
Naphthalene	BRL	1.0		µg, Total	1	3/11/2003 7:51:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	3/11/2003 7:51:00 PM
Pyrene	BRL	1.0		µg, Total	1	3/11/2003 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

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ENVIRONMENTAL TESTING

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

Date: 24-Mar-03

CLIENT: JLC Env. Consultants Inc.
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab Order: R03030158

Lab ID: R03030158-11

Collection Date: 3/4/2003

Client Sample ID: 05, 11th Fl Downstairs (Floor Ha

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: CXA		
Acenaphthene	BRL	1.0		µg, Total	1	3/11/2003 8:15:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	3/11/2003 8:15:00 PM
Anthracene	BRL	1.0		µg, Total	1	3/11/2003 8:15:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	3/11/2003 8:15:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	3/11/2003 8:15:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 8:15:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	3/11/2003 8:15:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 8:15:00 PM
Chrysene	BRL	1.0		µg, Total	1	3/11/2003 8:15:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	3/11/2003 8:15:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 8:15:00 PM
Fluorene	BRL	1.0		µg, Total	1	3/11/2003 8:15:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	3/11/2003 8:15:00 PM
Naphthalene	BRL	1.0		µg, Total	1	3/11/2003 8:15:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	3/11/2003 8:15:00 PM
Pyrene	BRL	1.0		µg, Total	1	3/11/2003 8:15:00 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

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ENVIRONMENTAL TESTING

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

Date: 24-Mar-03

CLIENT: JLC Env. Consultants Inc.
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab Order: R03030158

Lab ID: R03030158-12

Collection Date: 3/4/2003

Client Sample ID: 06, 11th Fl Downstairs (Countert

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: CXA		
Acenaphthene	BRL	1.0		µg, Total	1	3/11/2003 8:40:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	3/11/2003 8:40:00 PM
Anthracene	BRL	1.0		µg, Total	1	3/11/2003 8:40:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	3/11/2003 8:40:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	3/11/2003 8:40:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 8:40:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	3/11/2003 8:40:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 8:40:00 PM
Chrysene	BRL	1.0		µg, Total	1	3/11/2003 8:40:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	3/11/2003 8:40:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 8:40:00 PM
Fluorene	BRL	1.0		µg, Total	1	3/11/2003 8:40:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	3/11/2003 8:40:00 PM
Naphthalene	BRL	1.0		µg, Total	1	3/11/2003 8:40:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	3/11/2003 8:40:00 PM
Pyrene	BRL	1.0		µg, Total	1	3/11/2003 8:40:00 PM

Qualifiers:

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* - 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 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: 24-Mar-03

CLIENT: JLC Env. Consultants Inc.
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab Order: R03030158

Lab ID: R03030158-13

Collection Date: 3/4/2003

Client Sample ID: 04, 11th Fl Upstairs (Floor Kitch

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: CXA		
Acenaphthene	BRL	1.0		µg, Total	1	3/11/2003 9:04:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	3/11/2003 9:04:00 PM
Anthracene	BRL	1.0		µg, Total	1	3/11/2003 9:04:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	3/11/2003 9:04:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	3/11/2003 9:04:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 9:04:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	3/11/2003 9:04:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 9:04:00 PM
Chrysene	BRL	1.0		µg, Total	1	3/11/2003 9:04:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	3/11/2003 9:04:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 9:04:00 PM
Fluorene	BRL	1.0		µg, Total	1	3/11/2003 9:04:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	3/11/2003 9:04:00 PM
Naphthalene	BRL	1.0		µg, Total	1	3/11/2003 9:04:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	3/11/2003 9:04:00 PM
Pyrene	BRL	1.0		µg, Total	1	3/11/2003 9:04:00 PM

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ENVIRONMENTAL TESTING

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

Date: 24-Mar-03

CLIENT: JLC Env. Consultants Inc.
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab Order: R03030158

Lab ID: R03030158-14

Collection Date: 3/4/2003

Client Sample ID: 05, 11th Fl Upstairs (Wall Living

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: CXA		
Acenaphthene	BRL	1.0		µg, Total	1	3/11/2003 9:29:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	3/11/2003 9:29:00 PM
Anthracene	BRL	1.0		µg, Total	1	3/11/2003 9:29:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	3/11/2003 9:29:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	3/11/2003 9:29:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 9:29:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	3/11/2003 9:29:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 9:29:00 PM
Chrysene	BRL	1.0		µg, Total	1	3/11/2003 9:29:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	3/11/2003 9:29:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 9:29:00 PM
Fluorene	BRL	1.0		µg, Total	1	3/11/2003 9:29:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	3/11/2003 9:29:00 PM
Naphthalene	BRL	1.0		µg, Total	1	3/11/2003 9:29:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	3/11/2003 9:29:00 PM
Pyrene	BRL	1.0		µg, Total	1	3/11/2003 9:29:00 PM

Qualifiers:

BRL - Below Reporting Limit

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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: 24-Mar-03

CLIENT: JLC Env. Consultants Inc.
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab Order: R03030158

Lab ID: R03030158-15

Collection Date: 3/4/2003

Client Sample ID: 06, 11th Fl Upstairs (Countertop)

Matrix: WIPE

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLY AROMATIC HYDROCARBONS		SW8270C		Analyst: CXA		
Acenaphthene	BRL	1.0		µg, Total	1	3/11/2003 9:53:00 PM
Acenaphthylene	BRL	1.0		µg, Total	1	3/11/2003 9:53:00 PM
Anthracene	BRL	1.0		µg, Total	1	3/11/2003 9:53:00 PM
Benzo(a)anthracene	BRL	1.0		µg, Total	1	3/11/2003 9:53:00 PM
Benzo(a)pyrene	BRL	1.0		µg, Total	1	3/11/2003 9:53:00 PM
Benzo(b)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 9:53:00 PM
Benzo(g,h,i)perylene	BRL	1.0		µg, Total	1	3/11/2003 9:53:00 PM
Benzo(k)fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 9:53:00 PM
Chrysene	BRL	1.0		µg, Total	1	3/11/2003 9:53:00 PM
Dibenzo(a,h)anthracene	BRL	1.0		µg, Total	1	3/11/2003 9:53:00 PM
Fluoranthene	BRL	1.0		µg, Total	1	3/11/2003 9:53:00 PM
Fluorene	BRL	1.0		µg, Total	1	3/11/2003 9:53:00 PM
Indeno(1,2,3-cd)pyrene	BRL	1.0		µg, Total	1	3/11/2003 9:53:00 PM
Naphthalene	BRL	1.0		µg, Total	1	3/11/2003 9:53:00 PM
Phenanthrene	BRL	1.0		µg, Total	1	3/11/2003 9:53:00 PM
Pyrene	BRL	1.0		µg, Total	1	3/11/2003 9:53:00 PM

Qualifiers:

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 E - Value above quantitation range