



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

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. Lab Order: R03030158
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

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

Page 1 of 15



4418 Pottsville Pike Reading, PA 19686
(Tel) 610-921-8833 (Fax) 610-921-8667

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-0288

Date: 24-Mar-03

CLIENT: JLC Env. Consultants Inc. Lab Order: R03030158
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

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 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

Page 2 of 15



4418 Pottsville Pike Reading, PA 19685
(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 06-353
•NJ DEP PA020
•CT DPH PH-0238

Date: 24-Mar-03

CLIENT: JLC Env. Consultants Inc. Lab Order: R03030158
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

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 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

Page 3 of 15



4418 Pottsville Pike Reading, PA 19685
(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
•CT DPH PH-0238

Date: 24-Mar-03

CLIENT: JLC Env. Consultants Inc. Lab Order: R03030158
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

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 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

Page 4 of 15



4418 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
•CT DPH PH-0238

Date: 24-Mar-03

CLIENT: JLC Env. Consultants Inc. Lab Order: R03030158
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

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 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

Page 5 of 15



4418 Pottsville Pike Reading, PA 19606
(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. **Lab Order:** R03030158
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

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 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

Page 6 of 15



4410 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: 24-Mar-03

CLIENT: JLC Env. Consultants Inc. Lab Order: R03030158
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

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 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

Page 7 of 15



4418 Pottsville Pike Reading, PA 19605
(Tel) 610-921-8833 (Fax) 610-921-8867

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: 24-Mar-03

CLIENT: JLC Env. Consultants Inc. Lab Order: R03030158
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

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 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

Page 8 of 15



4418 Pottsville Pike Reading, PA 19685
(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: R03030158-09

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

Page 9 of 15



4410 Pottsville Pike Reading, PA 19685
(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
•CT DPH PH-0238

Date: 24-Mar-03

CLIENT: JLC Env. Consultants Inc. Lab Order: R03030158
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

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 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

Page 10 of 15



4418 Pottsville Pike Reading, PA 19605
(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 06-353
•NJ DEP PA020
•CT DPH PH-0238

Date: 24-Mar-03

CLIENT: JLC Env. Consultants Inc. Lab Order: R03030158
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

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 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

Page 11 of 15



4410 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: 24-Mar-03

CLIENT: JLC Env. Consultants Inc. Lab Order: R03030158
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

Lab ID: R03030158-12 Collection Date: 3/4/2003
Client Sample ID: 06, 11th Fl Downstairs (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 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: BRL - Below Reporting Limit S - Spike Recovery outside accepted recovery limits
I - 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

Page 12 of 15



4410 Pottsville Pike Reading, PA 19605
(Tel) 610-921-9833 (Fax) 610-921-9667

INDUSTRIAL HYGIENE

•EPA PA-00136
•AIHA ACCREDITATION NO. 100489
•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

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

Page 13 of 15



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: R03030158-14

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
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

Page 14 of 15



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

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. Lab Order: R03030158
Project: US DEP WTC - LBA (Dioxin & PAH wipes)

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: 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

Page 15 of 15