Clayton
GROUP SERVICES
4636 E. Marginal Way South, Suite 215
Seattle, WA 98134
(206) 763-7364

AIR SAMPLE DATA

Log # W-4912
Laboratory Project # 77-99050.00
Number of Samples: 8

Client : **Grayhawk Construction**
PO / Job #: G011267EWA1886
Job Location: **Dexter Horton Building, 711 3rd Avenue**
Abatement Firm: **Grayhawk Construction**

SAMPLE # DH-01
SAMPLE TYPE: **Area**
PUMP # GH2
PRIORITY: 2 hr. Rush

DATE: **3/4/2001**
CONTROLS: N/A, N/A, N/A
NAME:
LOCATION: **First floor**
OBSERVATIONS: **Area after earthquake clean up**
SS# CERT#

TIME		FLOW RATE (LPM)		VOLUME	Fibers/ Fields	Fiber Concentration		
Start: 22:30	Total	Start: 5.00	Avg=	Liters=		Fibers/ mm²	Fibers/ Filter	*FIBERS/ CC:
End: 00:30	120	End: 5.00	5.00	600	5 / 100	< 5.0	< 2,000	<0.003
					Limit of Detection:	5	2,000	

Method: **NIOSH 7400, A rules (Issue #2, 8/15/94)**

Footnote: F5-Fibers greater than 5µm in length.

SAMPLE # DH-02
SAMPLE TYPE: **Area**
PUMP # GH2
PRIORITY: 2 hr. Rush

DATE: **3/4/2001**
CONTROLS: N/A, N/A, N/A
NAME:
LOCATION: **6th floor elevator lobby**
OBSERVATIONS: **Area after earthquake clean up**
SS# CERT#

TIME		FLOW RATE (LPM)		VOLUME	Fibers/ Fields	Fiber Concentration		
Start: 00:30	Total	Start: 5.00	Avg=	Liters=		Fibers/ mm²	Fibers/ Filter	*FIBERS/ CC:
End: 02:30	120	End: 5.00	5.00	600	7 / 100	< 5.0	< 2,000	<0.003
					Limit of Detection:	5	2,000	

Method: **NIOSH 7400, A rules (Issue #2, 8/15/94)**

Footnote: F5-Fibers greater than 5µm in length.

SAMPLE # DH-03
SAMPLE TYPE: **Area**
PUMP # GH2
PRIORITY: 2 hr. Rush

DATE: **3/4/2001**
CONTROLS: N/A, N/A, N/A
NAME:
LOCATION: **West stairwell**
OBSERVATIONS: **Area after earthquake clean up**
SS# CERT#

TIME		FLOW RATE (LPM)		VOLUME	Fibers/ Fields	Fiber Concentration		
Start: 02:30	Total	Start: 5.00	Avg=	Liters=		Fibers/ mm²	Fibers/ Filter	*FIBERS/ CC:
End: 04:30	120	End: 5.00	5.00	600	3 / 100	< 5.0	< 2,000	<0.003
					Limit of Detection:	5	2,000	

Method: **NIOSH 7400, A rules (Issue #2, 8/15/94)**

Footnote: F5-Fibers greater than 5µm in length.

Microscope field area (mm²): 0.00817
Filter size (mm): 25
Effective Filter Area (mm²): 385
Control slide: 94-21
Control Slide Result (f/mm²): 515.1
Detection Limits of Blank Corrected Fiber Count (Fibers/Field): 0.04

Blank Sample1: DH-08
Blank Sample2:
Blank Average: 4 / 100 fibers/field

Sampled by: **Michael Jackson**
Received by: **Steven J. Lynch**
Microscopist: **Steven J. Lynch**
Company: **Grayhawk Construction**
Date: **3/5/2001**
Date Analyzed: **3/5/2001**

Laboratory Manager or equivalent

Samples are collected and analyzed according to NIOSH 7400 (Issue 8/15/94) and/or State/OSHA Reference Methods via Phase Contrast Microscope (PCM) by NIOSH 582 trained, PAT or AIHA Registry participating analysts. Flow calibration is performed before and after sampling with calibrated rotameters. We are responsible only for our own work and cannot verify the accuracy of air sampling data supplied by customers or of sampling not supervised or observed by Clayton Group Services professionals.
Intralaboratory Sr: (6.4 - 25.5 fibers/100 fields) 0.43; (25.6 -63.7 fibers/100 fields) 0.38; (63.8 -127.4 fibers/100 fields) 0.29; (>127.4 fibers/100 fields) 0.53
Interlaboratory Sr: 0.40

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PO / Job #: G011267EWA1886
Job Location: **Dexter Horton Building, 711 3rd Avenue** Abatement Firm: **Grayhawk Construction**

SAMPLE # DH-04
SAMPLE TYPE: **Area**
PUMP # GH1
PRIORITY: 2 hr. Rush

DATE: **3/4/2001**
CONTROLS: N/A, N/A, N/A
NAME:
SS#
CERT#

LOCATION: **14th floor lobby**
OBSERVATIONS: **Area after earthquake clean up**

TIME		FLOW RATE (LPM)		VOLUME	Fibers/ Fields	Fiber Concentration		
Start: 00:30	Total	Start: 5.00	Avg=	Liters=		Fibers/ mm²	Fibers/ Filter	*FIBERS/ CC:
End: 02:30	120	End: 5.00	5.00	600	4 / 100	< 5.0	< 2,000	<0.003
					Limit of Detection:	5	2,000	

Method: **NIOSH 7400, A rules (Issue #2, 8/15/94)**

Footnote: F5-Fibers greater than 5µm in length.

SAMPLE # DH-05
SAMPLE TYPE: **Area**
PUMP # GH3
PRIORITY: 2 hr. Rush

DATE: **3/4/2001**
CONTROLS: N/A, N/A, N/A
NAME:
SS#
CERT#

LOCATION: **5th floor lobby**
OBSERVATIONS: **Area after earthquake clean up**

TIME		FLOW RATE (LPM)		VOLUME	Fibers/ Fields	Fiber Concentration		
Start: 04:30	Total	Start: 5.00	Avg=	Liters=		Fibers/ mm²	Fibers/ Filter	*FIBERS/ CC:
End: 06:30	120	End: 5.00	5.00	600	10 / 100	7.3	2,827	0.005
					Limit of Detection:	5	2,000	

Method: **NIOSH 7400, A rules (Issue #2, 8/15/94)**

Footnote: F5-Fibers greater than 5µm in length.

SAMPLE # DH-06
SAMPLE TYPE: **Area**
PUMP # GH1
PRIORITY: 2 hr. Rush

DATE: **3/4/2001**
CONTROLS: N/A, N/A, N/A
NAME:
SS#
CERT#

LOCATION: **East stairwell**
OBSERVATIONS: **Area after earthquake clean up**

TIME		FLOW RATE (LPM)		VOLUME	Fibers/ Fields	Fiber Concentration		
Start: 04:30	Total	Start: 5.00	Avg=	Liters=		Fibers/ mm²	Fibers/ Filter	*FIBERS/ CC:
End: 06:30	120	End: 5.00	5.00	600	3 / 100	< 5.0	< 2,000	<0.003
					Limit of Detection:	5	2,000	

Method: **NIOSH 7400, A rules (Issue #2, 8/15/94)**

Footnote: F5-Fibers greater than 5µm in length.

Microscope field area (mm²): 0.00817
Filter size (mm): 25 Effective Filter Area (mm²): 385
Control slide: 94-21 Control Slide Result (f/mm²): 515.1
Detection Limits of Blank Corrected Fiber Count (Fibers/Field): 0.04

Blank Sample1: DH-08 Blank Sample2:
Blank Average: 4 / 100 fibers/field

Sampled by: **Michael Jackson** Company: **Grayhawk Construction**
Received by: **Steven J. Lynch** Date: **3/5/2001**
Microscopist: **Steven J. Lynch** Date Analyzed: **3/5/2001**

Laboratory Manager or equivalent

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Client : **Grayhawk Construction**
PO / Job #: G011267EWA1886
Job Location: **Dexter Horton Building, 711 3rd Avenue**
Abatement Firm: **Grayhawk Construction**

SAMPLE # DH-07
SAMPLE TYPE: Area
PUMP # GH1
PRIORITY: 2 hr. Rush

DATE: 3/4/2001
CONTROLS: N/A, N/A, N/A
NAME:
SS#
CERT#

LOCATION: 10th floor lobby
OBSERVATIONS: Floor area after earthquake clean up

TIME		FLOW RATE (LPM)		VOLUME	Fibers/ Fields	Fiber Concentration		
Start: 04:30	Total	Start: 5.00	Avg=	Liters=		Fibers/ mm²	Fibers/ Filter	*FIBERS/ CC:
End: 06:30	120	End: 5.00	5.00	600	3 / 100	< 5.0	< 2,000	<0.003
					Limit of Detection:	5	2,000	

Method: NIOSH 7400, A rules (Issue #2, 8/15/94)

Footnote: F5-Fibers greater than 5µm in length.

SAMPLE # DH-08
SAMPLE TYPE: Blank
PUMP #
PRIORITY: 2 hr. Rush

DATE: 3/4/2001
CONTROLS: N/A, N/A, N/A
NAME:
SS#
CERT#

LOCATION: Blank
OBSERVATIONS:

TIME		FLOW RATE (LPM)		VOLUME	Fibers/ Fields	Fiber Concentration		
Start:	Total	Start:	Avg=	Liters=		Fibers/ mm²	Fibers/ Filter	*FIBERS/ CC:
End:		End:			4 / 100	< 5.0	< 2,000	<?
					Limit of Detection:	5	2,000	

Method: NIOSH 7400, A rules (Issue #2, 8/15/94)

Footnote: F1-Actual value of client blank; the results have been blank corrected.

Microscope field area (mm²): 0.00817
Filter size (mm): 25
Effective Filter Area (mm²): 385
Control slide: 94-21
Control Slide Result (f/mm²): 515.1
Detection Limits of Blank Corrected Fiber Count (Fibers/Field): 0.04

Blank Sample1: DH-08
Blank Sample2:
Blank Average: 4 / 100 fibers/field

Sampled by: Michael Jackson
Received by: Steven J. Lynch
Microscopist: Steven J. Lynch
Company: Grayhawk Construction
Date: 3/5/2001
Date Analyzed: 3/5/2001

Laboratory Manager or equivalent

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Interlaboratory Sr: 0.40