

60 CENTRE STREET



KAM CONSULTANTS
 35-40 36th Street
 Long Island City
 New York, 11106
 Tel: (718) 729-1997
 Fax: (718) 729-1876

REPORT OF AIR MONITORING (PHASE CONTRAST MICROSCOPY ANALYSIS OF AIR FILTERS)

CLIENT: DCAS
 PROJECT:

DATE: 09/18/01
 ADDRESS: 60 Centre Street, Manhattan, NY

CLIENT SAMPLE ID#	LOCATION	R E S P	W O R K	TIME IN	TIME OUT	FLOW BEF. (lpm)	FLOW AFTER (lpm)	SAMPLE VOLUME (liters)	FIBERS PER FIELD	FIBERS PER CC	REMARKS	LAB ID#
01	IWA - Conference Room 7th Floor			19:00	20:00	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-01
02	IWA - Room 700 7th Floor			19:01	20:01	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-02
03	IWA - Lobby South 7th Floor			19:02	20:02	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-03
04	IWA - Room 665 6th Floor			19:09	20:09	15	15	900	0.070	< 0.01	Air Quality (Immed. TAT)	A010919A-04
05	IWA - Room 652			19:11	20:11	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-05
06	IWA - Room 641			19:13	20:13	15	15	900	0.060	< 0.01	Air Quality (Immed. TAT)	A010919A-06
07	IWA - Room 629			19:15	20:15	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-07
08	IWA - Reception Area 6th Floor			19:18	20:18	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-08
09	IWA - Library 500			20:25	21:25	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-09
10	IWA - 561 Room			20:27	21:27	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-10
11	IWA - 543 Room			20:29	21:29	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-11
12	IWA - Room 532			20:31	21:31	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-12
13	IWA - Room 514			20:33	21:33	15	15	900	0.060	< 0.01	Air Quality (Immed. TAT)	A010919A-13
14	IWA - Jury Room 452			20:39	21:39	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-14
15	IWA - Room 412			20:45	21:45	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-15
16	IWA - Room 422			20:47	21:47	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-16
17	IWA - Hall by Elevators 4th Floor			20:49	21:49	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-17
18	IWA - Room 438			20:51	21:51	15	15	900	0.090	< 0.01	Air Quality (Immed. TAT)	A010919A-18
19	IWA - Room 300 Corridor			21:32	22:32	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-19
20	IWA - Hallway by Elevators 3rd Floor			21:35	22:35	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-20
21	IWA - Room 315			21:37	22:37	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-21
22	IWA - Room 325			21:40	22:40	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-22
23	IWA - Corridor 341-345			21:42	22:42	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-23

TYPE OF RESPIRATORS:

TYPE OF WORK:

1 = HALF FACE, 2 = PAPR, 3 = TYPE C, 4 = OTHER (SPECIFY):

1 = BLDG DECON, 2 = PLASTICIZING, 3 = GROSS REMOVAL, 4 = GLOVEBAG, 5 = CLEANING,
 6 = ENCAPSULATION, 7 = BAGOUT, 8 = OTHER (SPECIFY):

SAMPLING TECHNICIAN: Z.B. Nowak / P. Sroka
 ROTAMETER: KAM- 04

Analyst:

Deepak Bajracharya

DATE RECEIVED: 09/19/01

DATE OF ANALYSIS: 09/19/01

DATE OF REPORT: 09/19/01

Lab Manager:

David Chen

The samples listed above are analyzed by Phase Contrast Microscopy (PCM) as per NIOSH 7400 Method -Issue 3. The detection limit of this method is 7 fibers per square mm per filter area.
 KAM CONSULTANTS shall not be liable for information arising from samples that are not in its QA and QC program.

The results relate only to the items calibrated or tested. The certificate of report shall not be reproduced without approval of the laboratory.

The report must not be used by the client to claim endorsement by NVLAP or any agency of the U.S. Government.

NYS-DOH ELAP # 11273

AIHA # 100269



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REPORT OF AIR MONITORING (PHASE CONTRAST MICROSCOPY ANALYSIS OF AIR FILTERS)

CLIENT: DCAS
PROJECT:

DATE: 09/18/01
ADDRESS: 60 Centre Street, Manhattan, NY

CLIENT SAMPLE ID#	LOCATION	R E S P	W O R K	TIME IN	TIME OUT	FLOW BEF. (lpm)	FLOW AFTER (lpm)	SAMPLE VOLUME (liters)	FIBERS PER FIELD	FIBERS PER CC	REMARKS	LAB ID#
24	IWA - Room 252			21:55	22:55	15	15	900	0.060	< 0.01	Air Quality (Immed. TAT)	A010919A-24
25	IWA - Corridor 248-252			22:00	23:00	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-25
26	IWA - Corridor 228-232			22:02	23:02	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-26
27	IWA - Corridor 208-212			22:04	23:04	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-27
28	IWA - Room 212			22:06	23:06	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-28
29	IWA - Ground Floor by Main Entrance			23:16	0:16	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-29
30	IWA - Main Hall Middle By Main Entrance			23:18	0:18	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-30
31	IWA - Ground Floor Voucher Area			23:19	0:19	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-31
32	IWA - Ground Floor 119			23:21	0:21	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-32
33	IWA - Ground Floor 139			23:23	0:23	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-33
34	IWA - Basement by East Entrance			23:33	0:33	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-34
35	IWA - Basement County Clerk Room 109B			23:35	0:35	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-35
36	IWA - Basement County Clerk Room 109B			23:36	0:36	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-36
37	IWA - Basement Hall By 117 B			23:38	0:38	15	15	900	0.065	< 0.01	Air Quality (Immed. TAT)	A010919A-37
38	IWA - Basement Hall By 103 B			23:40	0:40	15	15	900	<0.055	< 0.01	Air Quality (Immed. TAT)	A010919A-38
39	Field Blank								<0.055			A010919A-39
40	Field Blank								<0.055			A010919A-40
41	Field Blank								<0.055			A010919A-41
42	Field Blank								<0.055			A010919A-42

TYPE OF RESPIRATORS:
TYPE OF WORK:

1 = HALF FACE, 2 = PAPR, 3 = TYPE C, 4 = OTHER (SPECIFY):
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SAMPLING TECHNICIAN: Z.B. Nowak / P. Sroka
ROTAMETER: KAM- 04

DATE RECEIVED: 09/19/01
DATE OF ANALYSIS: 09/19/01
DATE OF REPORT: 09/19/01

Analyst:

Deepak Bajracharya

Lab Manager:

David Chen

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NYS-DOH ELAP # 11273

AIHA # 100269



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CHAIN OF CUSTODY FOR ASBESTOS AIR MONITORING

CLIENT: DCAS
PROJECT:

SAMPLING DATE: 09-18-01 TUE
ADDRESS: 60 CENTRE ST
MT-TALL, NY

FIELD DATA										LAB ANALYSIS			
SAMPLE ID#	TYPE	LOCATION	R E S P	W O R K	TIME IN PM	TIME OUT PM	FLOW BEF. (lpm)	FLOW AFTER (lpm)	VOLUME (liters)	FIBERS PER FIELD	FIBERS PER CC	LAB ID #	CASSETTE 25MM 37MM
1	LF	CONFERENCE ROOM 7TH FLR			7 ⁰⁰	8 ⁰⁰	15	15	900	1/100	<0.01	1	
2	LF	ROOM 700 7TH FLR			7 ⁰¹	8 ⁰¹	15	15	900	4/100	<0.01	2	
3	LF	LOBBY SOUTH 7TH FLR			7 ⁰²	8 ⁰²	15	15	900	2/100	<0.01	3	
4	LF	ROOM 665 6TH FLR			7 ⁰⁹	8 ⁰⁹	15	15	900	7/100	<0.01	4	
5	LF	ROOM 652			7 ¹¹	8 ¹¹	15	15	900	3/100	<0.01	5	
6	LF	ROOM 641			7 ¹³	8 ¹³	15	15	900	6/100	<0.01	6	
7	LF	ROOM 629			7 ¹⁵	8 ¹⁵	15	15	900	5/100	<0.01	7	
8	LF	RECEPTION AREA 6TH FLR			7 ¹⁸	8 ¹⁸	15	15	900	0.5/100	<0.01	8	
9	LF	LIBRARY 500			8 ²⁵	9 ²⁵	15	15	900	4/100	<0.01	9	
10	LF	561 ROOM			8 ²⁷	9 ²⁷	15	15	900	2/100	<0.01	10	
11	LF	543 ROOM			8 ²⁸	9 ²⁸	15	15	900	2/100	<0.01	11	
12	LF	ROOM 532			8 ³¹	9 ³¹	15	15	900	3/100	<0.01	12	
13	LF	ROOM 514			8 ³³	9 ³³	15	15	900	6/100	<0.01	13	
14	LF	DECK ROOM 452			8 ³⁹	9 ³⁹	15	15	900	5/100	<0.01	14	

SAMPLE TYPE:

A=BACKGROUND, B=PREABATEMENT, C=DURING ABATEMENT, D=POST-ABATEMENT
E=OUTSIDE WORK AREA, F=INSIDE WORK AREA, G=MICROTRAP EXHAUST DISCHARGE
H=DECONTAMINATION FACILITY, I=CRITICAL BARRIER, J=OUTSIDE BLDG., K=FIELD BLANK
L=AIR QUALITY, M=COMPLIANCE MONITORING

TYPE OF RESPIRATORS:

TYPE OF WORK:

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TECHNICIAN: Z. NOWALL / P. SROKA

ROTAMETER: KALL-10

PAGE 1 OF 3

CHAIN OF CUSTODY	RELINQUISHED BY:	COMMENTS:	RECEIVED AT LAB BY: <u>DB</u>
OF	METHOD OF SHIPMENT:		SAMPLE CONDITION UPON RECEIPT: <u>good</u>
JUSTIFY	DATE/TIME:		DATE/TIME: <u>9-19-01</u>

CITY_21MC100_011837556

RECEIVED
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2001 SEP 19 AM 8:36



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CHAIN OF CUSTODY FOR ASBESTOS AIR MONITORING

CLIENT: DCAS
PROJECT:

SAMPLING DATE: 09-18-01 TUE
ADDRESS: 60 CENTRE STR
MT-TALE, NY

FIELD DATA										LAB ANALYSIS			
SAMPLE ID#	TYPE	LOCATION	R E S P	W O R K	TIME IN P4	TIME OUT P4	FLOW BEF. (lpm)	FLOW AFTER (lpm)	VOLUME (liters)	FIBERS PER FIELD	FIBERS PER CC	LAB ID #	CASSETTE 25MM 37MM
15	LF	ROOM 412			845	945	15	15	900	2/100	20.0	15	TEST METHOD: <u>PCM</u> TEM
16	LF	ROOM 422			847	947	15	15	900	2/100	20.0	16	
17	LF	HALL BY ELEVATORS 7TH FL			848	948	15	15	900	2/100	20.0	17	TURN-AROUND TIME: <u>IMMEDIATE</u> 12-HOUR 24-HOUR 24-HOUR OTHER:
18	LF	ROOM 238			851	951	15	15	900	2/100	20.0	18	
19	LF	ROOM 300 CORRIDOR			932	1032	15	15	900	3/100	20.0	19	
20	LF	HALLWAY BY ELEVATORS 3RD FL			935	1035	15	15	900	1/100	20.0	20	
21	LF	ROOM 315			937	1037	15	15	900	1/100	20.0	21	
22	LF	ROOM 325			940	1040	15	15	900	2/100	20.0	22	ANALYST: <u>DB</u>
23	LF	CORRIDOR 341-345			942	1042	15	15	900	4/100	20.0	23	
24	LF	ROOM 252			955	1055	15	15	900	6/100	20.0	24	DATE OF ANALYSIS: <u>9-19-01</u>
25	LF	CORRIDOR 248-252			1040	1140	15	15	900	2/100	20.0	25	
26	LF	CORRIDOR 228-232			1042	1142	15	15	900	3/100	20.0	26	TIME OF ANALYSIS: <u>9 AM 9:36</u>
27	LF	CORRIDOR 208-212			1044	1144	15	15	900	15/100	20.0	27	
28	LF	Room 212			1046	1146	15	15	900	2/100	20.0	28	

SAMPLE TYPE:

A=BACKGROUND, B=PREABATEMENT, C=DURING ABATEMENT, D=POST-ABATEMENT
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TECHNICIAN: 36. NOHAK / P. SROKA

ROTAMETER: KALU-44

PAGE 2 OF 3

CHAIN OF CUSTODY	RELINQUISHED BY: METHOD OF SHIPMENT: DATE/TIME:	COMMENTS:	RECEIVED AT LAB BY: <u>DB</u> SAMPLE CONDITION UPON RECEIPT: <u>good</u> DATE/TIME: <u>9-19-01</u>
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RECEIVED
KAM CONSULTANTS



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Long Island City
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CHAIN OF CUSTODY FOR ASBESTOS AIR MONITORING

CLIENT: DCAS
PROJECT:

SAMPLING DATE: 09-18-01 TUE
ADDRESS: 60 ROCKEFELLER ST
MT-TAK, NY

FIELD DATA										LAB ANALYSIS			
SAMPLE ID#	TYPE	LOCATION	R E S P	W O R K	TIME IN Pm	TIME OUT Am	FLOW BEF. (lpm)	FLOW AFTER (lpm)	VOLUME (liters)	FIBERS PER FIELD	FIBERS PER CC	LAB ID #	CASSETTE 25MM 37MM
29	LF	GROUND FLOOR BY MAIN ENTRANCE			11:16	12:16	15	15	900	0.5/100	Co.01	29	TEST METHOD: PCM TEM
30	LF	MAIN HALL MIDDLE BY MAIN ENTRANCE			11:18	12:18	15	15	900	4/100	Co.01	30	TURN-AROUND TIME: IMMEDIATE 12-HOUR 24-HOUR 24-HOUR OTHER: ANALYST: DB
31	LF	GROUND FLOOR ELEVATOR AREA			11:18	12:18	15	15	900	3/100	Co.01	31	
32	LF	GROUND FLOOR 119			11:21	12:21	15	15	900	4/100	Co.01	32	
33	LF	GROUND FLOOR 139			11:23	12:23	15	15	900	2/100	Co.01	33	
34	LF	BASEMENT BY EAST ENTRANCE			11:33	12:33	15	15	900	2/100	Co.01	34	
35	LF	-1- COUNTY CLERK ROOM 104B			11:35	12:35	15	15	900	2.5/100	Co.01	35	
36	LF	-1- HALL BY 117B			11:36	12:36	15	15	900	4/100	Co.01	36	
37	LF	-1- HALL BY 141B			11:38	12:38	15	15	900	6.5/100	Co.01	37	
38	LF	-1- HALL BY 103B			11:40	12:40	15	15	900	2/100	Co.01	38	DATE OF ANALYSIS: 9-19-01 TIME OF ANALYSIS:
39	K	FIELD BLANK								0/100	-	39	
40	K	-1-								0/100	-	40	
41	K	-1-								0/100	-	41	
42	K	-1-								0/100	-	42	

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H=DECONTAMINATION FACILITY, I=CRITICAL BARRIER, J=OUTSIDE BLDG., K=FIELD BLANK
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TECHNICIAN: DB-NP/KAL / P. SROKA

ROTAMETER: KAL 04

PAGE 3 OF 3

CHAIN OF CUSTODY	RELINQUISHED BY:	COMMENTS:	RECEIVED AT LAB BY: DB
	METHOD OF SHIPMENT:		SAMPLE CONDITION UPON RECEIPT: good
	DATE/TIME:		DATE/TIME: 9-19-01

RECEIVED
KAM CONSULTANTS
001 SEP 19 AM 8:36