NYC 9/11 Public Portal Document

01010 2836 — 3401006619 — 11/14/01

FIELD DATA COLLECTION/CHAIN-OF-CUSTODY RECORD : SILICA AND OTHER DUSTS EXCEPT ASBESTOS

OFFICE OF EMERGENCY PREPAREDNESS-USPHS
C/O: NEW YORK CITY DEPARTMENT OF HEALTH
253 BROADWAY, 12TH FLOOR, NEW YORK, NY 10007
PH (212) 676-6323 FAX (212) 676-6326

PROJECT REFERENCE NUMBER: USPHS MISSION #12: RESIDENTIAL SAMPLING NEW

SAMPLING LOCATION: 53 PARK PLACE (B01)

ANALYSIS REQUESTED (INVESTIGATOR: YOU MUST SPECIFY EITHER THE METHOD OR THE ANALYTE(S) FOR EACH SAMPLE) — USEPA

TYPE OF SURFACE: H = HARD SURFACE; CDP = CARPET, DEEP PILE; CS = CARPET, SHAG; CSP = CARPET, SHORT PILE; CTR = CARPET, THROW RUG

ATTENTION LABORATORY: SEND RESULTS TO:
ATTN: USPHS MISSION #12 RESIDENTIAL SAMPLING PH: (212) 442-6792
Mr. Sven Rodenbeck, MailStop E-32, 1600 Clifton Rd, NE, Atlanta, GA 30333
LXW2@cdc.gov (Ms. Lynn Wilder, CIH)
ATTN: Mr. Sven Rodenbeck (404) 498-0509 and USPHS Mission #12 at (212) 676-6326

Via: (Please check) [X] Mail Originals to: [X] E-MAIL to: [X] Fax to:

SAMPLING SITE	SAMPLE TYPE	SAMPLER FLOW Pre-Flow	SAMPLER FLOW Post-Flow	SAMPLE NUMBER		START TIME	STOP TIME	TYPE OF SURFACE	1) Weight Gain 2) by XRD: % total silica % cristobalite % quartz % tridymite % gypsum % mica % calcite % fiberglass	1) Weight Gain (EPA IP-10A) 2) by XRD: % total silica % cristobalite % quartz % tridymite % gypsum % mica % calcite % fiberglass	1) Weight Gain (EPA IP-10A) 2) by XRD: % total silica % cristobalite % quartz % tridymite % gypsum % mica % calcite % fiberglass	Silica by XRD: % cristobalite % quartz % tridymite % gypsum % mica % calcite % fiberglass	(g) (EPA 9043C)	ADDITIONAL INFORMATION REGARDING SAMPLE
Outdoors	Respirable fraction 37-mm cyclone 1	2.52 LPM	2.56 LPM	[R]RF-O-	1	1125	1645		X					Location: FRONT ENTRANCE 1' from wall/door
	~~Respirable fraction PM2.5 duct~~	~~LPM~~	~~LPM~~	~~[R]RF2-O-~~										
Button # 10	Thoracic fraction airborne dust 17	4.05 LPM	4.10 LPM	[R]TF-O-	1	1115	1440			X				
	Inhalable fraction airborne dust 13	4.03 LPM	4.07 LPM	[R]IF-O-	1	1115	1440				X			-2836-1
	Settled bar bulk			[R]SS-O-	1			H				X	X	
Common Area	Respirable fraction 37-mm cyclone 2	2.48 LPM	2.53 LPM	[R]RF-C-	1	1020	1543		X					Location: NO surface dust in common area, covered in preparation for abatement
	~~Respirable fraction PM2.5 duct~~	~~LPM~~	~~LPM~~	~~[R]RF2-C-~~										
Button # 12	Thoracic fraction airborne dust 16	3.97 LPM	4.08 LPM	[R]TF-C-	1	1020	1354			X				
	Inhalable fraction airborne dust 14	4.04 LPM	4.17 LPM	[R]IF-C-	1	1020	1354				X			
	~~Thoracic surface dust~~			~~[R]VS-C-~~								X	X	NO DUST SAMPLE SUBMITTED
Residence 1	Respirable fraction 37-mm cyclone 3	2.50 LPM	2.53 LPM	[R]RF-R1-	1	1054	1620		X					Floor: 2 Apt: C
	~~Respirable fraction PM2.5 duct~~	~~LPM~~	~~LPM~~	~~[R]RF2-R1-~~										
Button # 9	Thoracic fraction airborne dust 19	4.00 LPM	4.06 LPM	[R]TF-R1-	1	1054	1422			X				
	Inhalable fraction airborne dust 15	3.93 LPM	3.94 LPM	[R]IF-R1-	1	1054	1422				X			
	Vacuum surface dust			[R]VS-R1-	1			H				X	X	2.5 sq. ft of surface area
Residence 2	Respirable fraction 37-mm cyclone 4	2.49 LPM	2.48 LPM	[R]RF-R2-	1	1000	1537		X					Floor: 6 Apt: D
	~~Respirable fraction PM2.5 duct~~	~~LPM~~	~~LPM~~	~~[R]RF2-R2-~~										
Button # 7	Thoracic fraction airborne dust 20	3.98 LPM	4.01 LPM	[R]TF-R2-	1	1000	1345			X				
	Inhalable fraction airborne dust 16	3.93 LPM	4.00 LPM	[R]IF-R2-	1	1000	1345				X			
	Vacuum surface dust 3.75 ft²			[R]VS-R2-	1			H				X	X	3.75 sq feet of surface area
Air Sample Blanks	Respirable fraction 37-mm cyclone			[R]BRF-A	1				X					
	~~Respirable fraction airborne dust~~			~~[R]BRF-B~~					X					
	Thoracic fraction airborne dust			[R]BTF-A	1					X				
	~~Thoracic fraction airborne dust~~			~~[R]DTF-B~~						X				
25	Inhalable fraction airborne dust			[R]BIF-A	1						X			
31	Inhalable fraction airborne dust			[R]BIF-B	1						X			

RELINQUISHED BY:	TIME/DATE:	RELINQUISHED BY:	TIME/DATE:
(PRINCIPAL/FIELD INVESTIGATOR)	1755 14NOV01	(LABORATORY REVIEWER)	
RELINQUISHED BY:	TIME/DATE:	RELINQUISHED BY:	TIME/DATE:
(LABORATORY SAMPLE RECEIVING)		(LABORATORY SUPERVISOR)	
RELINQUISHED BY:	TIME/DATE:		
(ANALYST)		Received Chain Dept 11/16/01 2PM	

SAMPLES SHIPPED TO:
COMPANY: EMSL Analytical, Inc.
ADDRESS: 107 Haddon Avenue, Westmont, New Jersey 08108
ATTN: SAMPLE RECEIVING (Robert DeMaio)
PHONE: (856) 397-1901 (cell)
FAX: (856) 858-1292
TIME:

11/20/2001 17:44 856-854-2362 EMSL ANALYTICAL PAGE 03/04
SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008 CONFIDENTIAL,
CITY_21MC100_003423449
NYC-WTC_000242526

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01011U2836 3001UU619 Sampling Date: 11-14-01

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SAMPLING LOCATION: Bldg. 2

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MAIL (Please check)
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[X] E-MAIL to:
[X] Fax to:

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ANALYSIS REQUESTED (INVESTIGATOR: YOU MUST SPECIFY EITHER THE METHOD OR THE ANALYTE(S) FOR EACH SAMPLE)

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SAMPLING SITE	SAMPLE TYPE	SAMPLER FLOW Pre-Flow	SAMPLER FLOW Post-Flow	SAMPLE NUMBER	START TIME	STOP TIME	TYPE OF SURFACE	1) Weight Gain 2) by XRD: % total silica % cristobalite % quartz % tridymite % gypsum % mica % calcite % fiberglass	1) Weight Gain (EPA IP-10A) 2) by XRD: % total silica % cristobalite % quartz % tridymite % gypsum % mica % calcite % fiberglass	1) Weight Gain (EPA IP-10A) 2) by XRD: % total silica % cristobalite % quartz % tridymite % gypsum % mica % calcite % fiberglass	Silica by XRD: % cristobalite % quartz % tridymite % gypsum % mica % calcite % fiberglass	pH (EPA 9045C)	ADDITIONAL INFORMATION REGARDING SAMPLE
Outdoors	Respirable fraction 37-mm cyclone	2.50 LPM	2.46 LPM	[R]RF-O- 2	1147	1636		X					
	Respirable fraction PM 2.5 dust	LPM	LPM	[R]RF2-O- 2					X				
	Thoracic fraction airborne dust	4.04 LPM	— LPM	[R]TF-O- 2	1147	1636			X				
Pattern #2	Inhalable fraction airborne dust	4.09 LPM	4.04 LPM	[R]IF-O- 2	1147	1636				X			
	Settled dust bulk			[R]SS-O- 2			#				X	X	Location: Courtyard 2836-2
Common Area	Respirable fraction 37-mm cyclone	2.51 LPM	2.50 LPM	[R]RF-C- 2	1117	1619		X					
	Respirable fraction PM 2.5 dust	LPM	LPM	[R]RF2-C- 2					X				
	Thoracic fraction airborne dust	3.98 LPM	3.93 LPM	[R]TF-C- 2	1117	1619			X				
Pattern #1?	Inhalable fraction airborne dust	4.07 LPM	4.07 LPM	[R]IF-C- 2	1117	1619				X			Location: Hallway, 19th Floor
	Vacuum surface dust			[R]VS-C- 2			CS				X	X	
Residence 1	Respirable fraction 37-mm cyclone	2.44 LPM	2.43 LPM	[R]RF-R1- 2	1014	1559		X					
	Respirable fraction PM 2.5 dust	LPM	LPM	[R]RF2-R1- 2					X				
	Thoracic fraction airborne dust	4.02 LPM	4.04 LPM	[R]TF-R1- 2	1014	1559			X				
Pattern #3	Inhalable fraction airborne dust	3.97 LPM	4.01 LPM	[R]IF-R1- 2	1247	1559				X			Floor: 6th Apt: 6B
	Vacuum surface dust			[R]VS-R1- 2			H				X	X	
Residence 2	Respirable fraction 37-mm cyclone	2.52 LPM	2.51 LPM	[R]RF-R2- 2	1033	1537		X					
	Respirable fraction PM 2.5 dust	LPM	LPM	[R]RF2-R2- 2					X				
	Thoracic fraction airborne dust	4.01 LPM	3.99 LPM	[R]TF-R2- 2	1033	1537			X				
Pattern #3	Inhalable fraction airborne dust	4.04 LPM	4.12 LPM	[R]IF-R2- 2	1033	1537				X			Floor: 4th Apt: 4F
	Vacuum surface dust			[R]VS-R2- 2			H				X	X	
Air Sample Blanks	Respirable fraction 37-mm cyclone			[R]BRF-A 2				X					
	Respirable fraction airborne dust			[R]BRF-B 2				X					
	Thoracic fraction airborne dust			[R]BTF-A 2					X				
	Thoracic fraction airborne dust			[R]BTF-B 2					X				
Pattern #?	Inhalable fraction airborne dust			[R]BIF-A 2						X			
	Inhalable fraction airborne dust			[R]BIF-B 2						X			

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(PRINCIPAL/FIELD INVESTIGATOR)	1340 14 Nov. 2001	(LABORATORY REVIEWER)	
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