NYC 9/11 Public Portal Document

June 28, 2002

Mr. Bernard P. Orlan
Director, Environmental Health & Safety
New York City Board of Education
28-11 Queens Plaza North
Long Island City, NY 11101-4008

Re: Summary of Wipe and Air Sampling @
Stuyvesant High School
345 Chambers Street
New York, New York 10007
ATC Project No. 15-19125-0246

Dear Mr. Orlan:

At your request, ATC Associates Inc. (ATC) is pleased to provide you with the general summary of results for the wipe and air sampling performed at Stuyvesant High School. All the results were tabulated in the attached tables.

It is our pleasure to provide these wipe/air sampling services to the New York City Board of Education. If you have any questions about this report, please call (212) 353-8280, extension 261 or 298.

Sincerely,
ATC ASSOCIATES INC.

Reviewed by:

Arnel Javal
Senior Project Manager

Mark Terjesen
Operations Manager

NYC-WTC_000453602

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STUYVESANT HIGH SCHOOL							
Respirable Particulates Concentrations and Ambient area air sample TEM results for asbestos							
Date	**Total Number of readings collected**	**Outdoor Readings ($\mu g/m^3$)**	**Range of indoor readings ($\mu g/m^3$)**	**Number of readings >40 $\mu g/m^3$ to ≤ 65 $\mu g/m^3$ (24 hrs average)**	**Number of readings > 65 $\mu g/m^3$ (24 hrs average)**	**Number of air samples collected for asbestos TEM analysis**	**Results of TEM asbestos analysis (structures/mm2) (Area clearance criteria <70 structures/mm2)**
9/21/01	Indoor Air Quality Assessment (IAQ) did not start at this point					15	No structures Detected
10/4/01						5	No structures Detected
10/5/01						60	22.2 structures/mm^2 were detected in one sample
10/6/01						7	No structures Detected
10/7/01						7	No structures Detected
10/8/01						7	No structures Detected
10/9/01	104	20 and 30	10 – 39	0	0	12	No structures Detected
10/10/01	102	16 and 18	12 - 55	1	0	12	No structures Detected
10/11/01	96	33 and 42	18 - 43	1	0	12	No structures Detected
10/12/01	99	58	18 - 50	30	0	12	No structures Detected
10/13/01	Indoor air quality assessment was not performed - Weekend					12	22.2 structures/mm^2 were detected in one sample
10/14/01	Indoor air quality assessment was not performed - Weekend					12	No structures Detected
10/15/01	102	12 and 14	9 - 33	0	0	12	No structures Detected
10/16/01	114	25 and 35	12 - 37	0	0	13	No structures Detected
10/17/01	121	5 and 8	4 - 27	0	0	12	No structures Detected
10/18/01	105	9 and 14	4 - 26	0	0	20	22.2 structures/mm^2 were detected in one sample
10/19/01	101	21 and 75	13 - 47	17	0	21	No structures Detected
10/20/01	No respirable particulate readings were collected - Weekend					20	No structures Detected
10/21/01	No respirable particulate readings were collected - Weekend					20	22.2 structures/mm^2 were detected in one sample
10/22/01	101	74 and 145	27 - 104	46	35	21	No structures Detected
10/23/01	128	108 and 136	52 - 132	19	107	21	No structures Detected
10/24/01	101	76 and 81	27 - 86	62	26	21	No structures Detected
10/25/01	101	17 and 54	11 - 52	16	0	21	No structures Detected
10/26/01	99	21 and 33	9 - 28	0	0	21	22.2 structures/mm^2 were detected in one sample
10/27/01	No respirable particulate readings were collected - Weekend					21	No structures Detected
10/28/01	No respirable particulate readings were collected - Weekend					21	No structures Detected
10/29/01	101	23 and 48	12 - 41	1	0	21	No structures Detected
10/30/01	124	34 and 53	12 - 131	0	1	21	No structures Detected
10/31/01	116	24 and 46	12 - 38	0	0	21	No structures Detected
11/1/01	115	83 and 107	37 - 88	85	18	21	No structures Detected
11/02/01	117	54 and 78	38 - 81	87	20	21	No structures Detected
11/3/01	No respirable particulate readings were collected - Weekend					21	No structures Detected
11/4/01	No respirable particulate readings were collected - Weekend					21	No structures Detected
11/5/01	118	27 and 36	5 - 21	0	0	21	No structures Detected
11/6/01	119	14 and 16	5 - 15	0	0	21	No structures Detected
11/7/01	118	30, 31 and 31	17 - 41	1	0	21	No structures Detected
11/8/01	120	54 and 58	18 - 61	7	0	21	22.24 structures/mm^2 were detected in one sample
11/9/01	116	26 and 30	9 - 28	0	0	21	22.24 structures/mm^2 were detected in two samples
11/10/01	No respirable particulate readings were collected - Weekend					21	22.24 structures/mm^2 were detected in three samples
11/11/01	No respirable particulate readings were collected - Weekend					21	No structures Detected
11/12/01	No respirable particulate readings were collected – Veterans Day Holiday					21	22.24 structures/mm^2 were detected in one sample
11/13/01	117	42 and 52	21 - 52	19	0	21	No structures Detected
11/14/01	117	44 and 50	19 - 46	4	0	21	No structures Detected
11/15/01	116	140 and 140	58 - 116	3	111	21	No structures Detected
11/16/01	121	80 and 151	47 - 97	43	76	21	No structures Detected
11/17/01	186	16 and 24	6 - 12	0	0	21	No structures Detected

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STUYVESANT HIGH SCHOOL							
Respirable Particulates Concentrations and Ambient area air sample TEM results for asbestos							
Date	**Total Number of readings collected**	**Outdoor Readings ($\mu g/m^3$)**	**Range of indoor readings ($\mu g/m^3$)**	**Number of readings >40 $\mu g/m^3$ to ≤ 65 $\mu g/m^3$ (24 hrs average)**	**Number of readings > 65 $\mu g/m^3$ (24 hrs average)**	**Number of air samples collected for asbestos TEM analysis**	**Results of TEM asbestos analysis (structures/mm2) (Area clearance criteria <70 structures/mm2)**
11/18/01	192	27 and 32	9 - 40	0	0	21	No structures Detected
11/19/01	120	50 and 94	20 - 57	26	0	21	No structures Detected
11/20/01	120	12 and 18	4 - 36	0	0	21	No structures Detected
11/21/01	123	26 and 27	11 - 47	1	0	21	No structures Detected
No sampling was performed – Thanksgiving Holiday							
11/23/01	No respirable particulate readings were collected - Thanksgiving Holiday					21	No structures Detected
11/24/01	No respirable particulate readings were collected – Weekend					21	No structures Detected
11/25/01	No respirable particulate readings were collected – Weekend					21	No structures Detected
11/26/01	120	29 and 73	15 - 63	47	0	21	No structures Detected
11/27/01	120	36 and 43	15 - 52	5	0	21	No structures Detected
11/28/01	123	50 and 87	22 - 63	39	0	21	No structures Detected
11/29/01	124	37 and 43	9 - 49	6	0	21	No structures Detected
11/30/01	124	84 and 89	27 - 66	90	1	21	No structures Detected
12/1/01	No respirable particulate readings were collected - Weekend					21	No structures Detected
12/2/01	No respirable particulate readings were collected - Weekend					21	No structures Detected
12/3/01	124	70 and 120	20 - 90	80	19	21	No structures Detected
12/4/01	124	110 and 113	30 - 94	77	30	21	No structures Detected
12/5/01	124	53 and 85	27 - 80	84	1	21	No structures Detected
12/6/01	123	47 and 58	27 - 70	66	2	21	No structures Detected
12/7/01	123	4 and 63	15 - 52	13	0	21	22.24 structures/mm^2 were detected in one sample
12/8/01	No respirable particulate readings were collected - Weekend					21	No structures Detected
12/9/01	No respirable particulate readings were collected - Weekend					21	No structures Detected
12/10/01	123	76 and 85	22 - 66	56	1	21	No structures Detected
12/11/01	123	35 and 49	13 - 50	1	0	21	No structures Detected
12/12/01	127	58 and 60	26 - 63	14	0	21	No structures Detected
12/13/01	127	100 and 105	41 - 110	28	97	21	No structures Detected
12/14/01	126	85 and 89	31 - 107	84	33	21	No structures Detected
12/15/01	No respirable particulate readings were collected – Weekend					21	No structures Detected
12/16/01	No respirable particulate readings were collected – Weekend					21	No structures Detected
12/17/01	127	38 and 54	14 - 34	0	0	21	No structures Detected
12/18/01	127	3 and 4	2 - 10	0	0	21	No structures Detected
12/19/01	126	22 and 31	11 - 28	0	0	21	No structures Detected
12/20/01	127	7 and 53	6 - 32	0	0	21	No structures Detected
12/21/01	118	12 and 26	3 - 14	0	0	21	No structures Detected
12/22/01	No respirable particulate readings were collected – School was closed for holidays					21	No structures Detected
12/23/01	No respirable particulate readings were collected – School was closed for holidays					21	No structures Detected
12/24/01	No respirable particulate readings were collected – School was closed for holidays					21	No structures Detected
12/25/01	No sampling was performed – Christmas day						
12/26/01	No respirable particulate readings were collected – School was closed for holidays					21	No structures Detected
12/27/01	No respirable particulate readings were collected – School was closed for holidays					21	One sample was not analyzed. No asbestos was detected by qualitative scan
12/28/01	85	32	10 - 31	0	0	21	No structures Detected
12/29/01	52	35	18 - 30	0	0	21	No structures Detected
12/30/01	94	30	9 - 29	0	0	21	No structures Detected
12/31/01	94	30	7 - 26	0	0	21	No structures Detected
1/1/02	No sampling was performed – New Year day						
1/2/02	127	15 and 30	5 - 19	0	0	21	No structures Detected
1/3/02	127	18 and 20	8 - 27	0	0	21	No structures Detected
1/4/02	127	20 and 25	5 - 20	0	0	21	No structures Detected
1/5/02	No respirable particulate readings were collected Weekend					21	No structures Detected
1/6/02	No respirable particulate readings were collected – Weekend					21	No structures Detected
1/7/02	127	15 and 32	8 - 30	0	0	21	No structures Detected
1/8/02	127	12 and 15	5 - 17	0	0	21	No structures Detected
1/9/02	127	34 and 40	12 - 37	0	0	21	No structures Detected
1/10/02	122	38 and 49	15 - 38	0	0	21	No structures Detected

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STUYVESANT HIGH SCHOOL							
Respirable Particulates Concentrations and Ambient area air sample TEM results for asbestos							
Date	**Total Number of readings collected**	**Outdoor Readings ($\mu g/m^3$)**	**Range of indoor readings ($\mu g/m^3$)**	**Number of readings >40 $\mu g/m^3$ to ≤ 65 $\mu g/m^3$ (24 hrs average)**	**Number of readings > 65 $\mu g/m^3$ (24 hrs average)**	**Number of air samples collected for asbestos TEM analysis**	**Results of TEM asbestos analysis (structures/mm2) (Area clearance criteria <70 structures/mm2)**
1/11/02	127	26 and 57	15 - 34	0	0	21	No structures Detected
1/12/02	No respirable particulate readings were collected – Weekend					21	No structures Detected
1/13/02	No respirable particulate readings were collected – Weekend					21	No structures Detected
1/14/02	127	29 and 35	4 - 27	0	0	21	No structures Detected
1/15/02	127	79 and 83	16 - 71	60	3	21	No structures Detected
1/16/02	127	12 and 13	4 - 23	0	0	21	No structures Detected
1/17/02	127	45 and 53	10 - 40	0	0	21	No structures Detected
1/18/02	127	27 and 34	7 - 34	0	0	21	No structures Detected
1/19/02	No respirable particulate readings were collected – Weekend					21	No structures Detected
1/20/02	No respirable particulate readings were collected – Weekend					21	No structures Detected
1/21/02	No respirable particulate readings were collected – Martin Luther King Day					21	No structures Detected
1/22/02	100	21 and 21	10 - 26	0	0	21	No structures Detected
1/23/02	98	29 and 30	10 - 22	0	0	21	No structures Detected
1/24/02	126	62	7 - 25	0	0	21	No structures Detected
1/25/02	115	62 and 64	7 - 18	0	0	21	No structures Detected
1/26/02	No respirable particulate readings were collected – Weekend					21	No structures Detected
1/27/02	No respirable particulate readings were collected – Weekend					21	No structures Detected
1/28/02	107	69 and 72	8 - 43	2	0	21	No structures Detected
1/29/02	106	71 and 77	10 - 39	0	0	21	No structures Detected
1/30/02	105	54 and 62	17 - 32	0	0	21	No structures Detected
1/31/02	104	21 and 31	12 - 35	0	0	21	No structures Detected
2/1/02	93	31 and 36	15 - 32	0	0	21	No structures Detected
2/2/02	No respirable particulate readings were collected – Weekend					21	No structures Detected
2/3/02	No respirable particulate readings were collected – Weekend					21	No structures Detected
2/4/02	121	33 and 36	14 – 25 / 19	0	0	21	No structures Detected
2/5/02 to 02/06/02	2 (24-hour reading)		17 – 22 (Dust Trak) 3.47 – 9.03 (MEM)				
2/5/02	124	42 and 48	11 – 23 / 17	0	0	21	No structures Detected
2/6/02	123	32 and 36	14 – 22 / 18	0	0	21	No structures Detected
2/7/02	121	34 and 38	13 – 21 / 17	0	0	21	No structures Detected
2/8/02	121	41 and 56	13 – 21 / 17	0	0	21	No structures Detected
2/9/02	No respirable particulate readings were collected – Weekend					21	No structures Detected
2/10/02	No respirable particulate readings were collected – Weekend					21	No structures Detected
2/11/02	121	36 and 38	10 – 21 / 16	0	0	21	No structures Detected
02/12/02	121	28 and 35	10 – 19 / 15	0	0	21	No structures Detected
02/13/02	121	29 and 31	12 – 19 / 16	0	0	21	No structures Detected
						6 settled dust (bulk samples analyzed by PLM) were collected. No asbestos fibers were detected.	
02/14/02 to 02/15/02	2 (24-hour reading)		22 (Dust Trak) < 3.47 (MEM)				
02/14/02	121	31 and 35	8 – 19 / 14	0	0	21	No structures Detected
02/15/02	121	32 and 36	11 – 19 / 15			21	No structures Detected
02/14/02 to 02/15/02	2 (24-hour reading)		22 (Dust Trak) < 3.47 (MEM)				
02/16/02	No respirable particulate readings were collected – Weekend					21	No structures Detected
02/17/02	No respirable particulate readings were collected – Weekend					21	No structures Detected
02/18/02 to 02/19/02	2 (24-hour reading)		13 (Dust Trak) <3.47 (MEM)				

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STUYVESANT HIGH SCHOOL							
Respirable Particulates Concentrations and Ambient area air sample TEM results for asbestos							
Date	**Total Number of readings collected**	**Outdoor Readings ($\mu g/m^3$)**	**Range of indoor readings ($\mu g/m^3$)**	**Number of readings >40 $\mu g/m^3$ to ≤ 65 $\mu g/m^3$ (24 hrs average)**	**Number of readings > 65 $\mu g/m^3$ (24 hrs average)**	**Number of air samples collected for asbestos TEM analysis**	**Results of TEM asbestos analysis (structures/mm2) (Area clearance criteria <70 structures/mm2)**
2/19/02 to 02/20/05	2 (24-hour reading)		32 (Dust Trak)				
			9.03 (MEM)				
02/18/02	101	26 and 28	3 – 14 / 6	0	0	21	No structures Detected
02/19/02	101	27 and 31	4 – 10 /5	0	0	21	No structures Detected
02/20/02 to 02/21/02	2 (24-hour reading)		43 (Dust Trak) 11.1 (MEM)				
02/20/02 to 02/21/02	2 (24-hour reading)		43 (Dust Trak) 11.1 (MEM)				
02/20/02	101	25 and 31	4 – 17 / 7	0	0	21	No structures Detected
02/21/02	101	20 and 22	4 – 12 / 6	0	0	21	No structures Detected
02/22/02 to 02/23/02	2 (24-hour reading)		16 (Dust Trak) 10.4 (MEM)				
02/22/02	101	39 and 43	10 – 21 / 14	0	0	21	No structures Detected
02/23/02						21	No structures Detected
02/24/02						21	No structures Detected
02/25/02	124	32 and 35	10 – 22 / 16	0	0	21	No structures Detected
02/26/02 to 02/27/02	2 (24-hour reading)		6 (Dust Trak) <3.47 (MEM)				
02/26/02	120	26 and 29	10 – 21 / 16	0	0	21	No structures Detected
02/27/02	120	20 and 25	12 – 22 / 16	0	0	21	No structures Detected
02/27/02 to 02/28/02	2 (24-hour reading)		1 (Dust Trak) 6.25 (MEM)				
02/28/02	120	29 and 31	6 – 22 / 14	0	0	21	One (1) structure was found (22.24 S/mm^2) in the 1st floor lobby area.
03/01/02	120	25 and 28	2 – 17 / 10	0	0	21	No structures Detected
02/28/02 to 03/01/02	2 (24-hour reading)		-553 (Dust Trak) 20.1 (MEM)				
03/02/02						21	No structures Detected
03/03/02						21	No structures Detected
03/04/02	120	26 and 28	4 – 18 / 10	0	0	21	No structures Detected
03/3/02 to 03/4/02	2 (24-hour reading)		1 (Dust Trak) <3.47 (MEM)				
03/05/02	120	25 and 27	4 – 19 / 10	0	0	21	No structures Detected
03/06/02	120	29 and 32	4 – 19 / 10	0	0	21	No structures Detected
03/05/02 to 03/06/02	2 (24-hour reading)		5 (Dust Trak) <3.47 (MEM)				
03/07/02	120	37 and 42	5 – 22 / 11	0	0	21	No structures Detected
03/06/02 to 03/07/02	2 (24-hour reading)		6 (Dust Trak) <3.47 (MEM)				

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STUYVESANT HIGH SCHOOL							
Respirable Particulates Concentrations and Ambient area air sample TEM results for asbestos							
Date	**Total Number of readings collected**	**Outdoor Readings ($\mu g/m^3$)**	**Range of indoor readings ($\mu g/m^3$)**	**Number of readings >40 $\mu g/m^3$ to ≤ 65 $\mu g/m^3$ (24 hrs average)**	**Number of readings > 65 $\mu g/m^3$ (24 hrs average)**	**Number of air samples collected for asbestos TEM analysis**	**Results of TEM asbestos analysis (structures/mm2) (Area clearance criteria <70 structures/mm2)**
03/08/02	120	38 and 43	7 – 27 / 15	0	0	21	No structures Detected
03/07/02 to 03/08/02	2 (24-hour reading)		10 (Dust Trak) 3.47(MEM)				
03/09/02						21	No structures Detected
03/10/02						21	No structures Detected
03/11/02	120	31 and 31	6 22 / 13	0	0	21	No structures Detected
03/11/02 to 03/12/02	2 (24-hour reading)		7 (Dust Trak) 16 (MEM)				
03/12/02	120	28 and 29	6 – 24 / 15	0	0	21	No structures Detected
03/12/02 to 03/13/02	2 (24-hour reading)		10 (Dust Trak) 17.4 (MEM)				
03/13/02	120	19 and 21	6 – 24 / 15	0	0	21	No structures Detected
03/14/02	120	52 and 58	13 – 29 / 19	0	0	21	No structures Detected
03/13/02 to 03/14/02	2 (24-hour readings		10 (Dust Trak) 9.72 (MEM)				
03/15/02	120	101 and 104	15 – 46 / 22	1	0	21	No structures Detected
03/16/02						21	No structures Detected
03/15/02 to 03/16/02	2 (24-hour readings		25 (Dust Trak) 20.1 (MEM)				
03/17/02						21	No structures Detected
03/18/02	120	32 and 38	7 – 27 /14	0	0	21	No structures Detected
03/19/02	120	25 and 28	8 –24 / 14	0	0	21	No structures Detected
03/20/02	120	16 and 17	5 – 22 / 14	0	0	21	No structures Detected
03/19/02 to 03/20/02	2 (24-hour readings		5 (Dust Trak) 9.03 (MEM)				
03/21/02	120	30 and 34	8 – 19 / 19	0	0	21	No structures Detected
03/20/02 to 03/21/02	2 (24-hour readings		3 (Dust Trak) <3.47 (MEM)				
03/22/02	120	18 and 23	6 – 22 / 14	0	0	21	No structures Detected
03/23/02						21	No structures Detected
03/24/02						21	No structures Detected
03/25/02	120	16 and 18	8 – 21 / 13	0	0	21	One (1) structure was found (22.24 S/mm^2) on the 2nd floor lobby area.
03/26/02	120	16 and 21	9 –22 / 13	0	0	21	No structures Detected
03/25/02 to 03/26/02	2 (24-hour readings		4 (Dust Trak) 3.47(MEM)				
03/27/02	120	12 and 15	8 – 19 / 13	0	0	21	No structures Detected
03/26/02 to 03/27/02	24 hour readings		<3.47 (MEM)				
03/28/02	Holiday					21	No structures Detected
03/276/02 to 03/28/02	24 hour readings		<3.47 (MEM)				
03/29/02	Holiday					21	No structures Detected

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STUYVESANT HIGH SCHOOL							
Respirable Particulates Concentrations and Ambient area air sample TEM results for asbestos							
Date	**Total Number of readings collected**	**Outdoor Readings ($\mu g/m^3$)**	**Range of indoor readings ($\mu g/m^3$)**	**Number of readings >40 $\mu g/m^3$ to ≤ 65 $\mu g/m^3$ (24 hrs average)**	**Number of readings > 65 $\mu g/m^3$ (24 hrs average)**	**Number of air samples collected for asbestos TEM analysis**	**Results of TEM asbestos analysis (structures/mm2) (Area clearance criteria <70 structures/mm2)**
03/28/02 to 03/29/02	24 hour readings		12.5 (MEM)				
03/30/02	Holiday					21	No structures Detected
03/31/02	Holiday					21	No structures Detected
04/01/02	Holiday					21	No structures Detected
04/02/01						21	No structures Detected
04/01/02 to 04/02/02	24 hour readings		<3.47 (MEM)				
04/03/02						21	No structures Detected
04/04/02						21	No structures Detected
04/05/02						21	No structures Detected
04/04/02 to 04/05/02	24 hour readings		5.56 (MEM)				
04/06/02						21	No structures Detected
04/07/01						21	No structures Detected
04/08/02	120	37 and 39	11 – 22 / 15	0	0	21	No structures Detected
04/09/02	120	25 and 33	6 – 18 / 13	0	0	21	No structures Detected
04/08/02 to 04/09/02	2 (24-hour readings		8 (Dust Trak) <3.47 (MEM)				
04/10/02	120	26 and 28	9 – 19 / 14	0	0	21	No structures Detected
04/09/02 to 04/10/02	2 (24-hour readings		14 (Dust Trak) <3.47 (MEM)				
04/11/02	120	27 and 32	9 – 27 / 15	0	0	21	No structures Detected
04/10/02 to 04/11/02	2 (24-hour readings		6 (Dust Trak) <3.47 (MEM)				
04/12/02	120	35 and 38	8 – 21 / 15	0	0	21	No structures Detected
04/11/02 to 04/12/02	2 (24-hour readings		7 (Dust Trak) 10.4 (MEM)				
04/13/02						21	No structures Detected
04/14/02						21	No structures Detected
04/15/02	120	36 and 39	9 – 21 / 13	0	0	21	No structures Detected
04/16/02	120	66 and 68	15 – 39 / 17	0	0	21	No structures Detected
04/15/02 to 04/16/02	2 (24-hour readings		21 (Dust Trak) <3.47 (MEM)				
04/17/02	120	30 and 72	30 – 72 / 49	49	5	21	No structures Detected
04/16/02 to 04/17/02	2 (24-hour readings		30 (Dust Trak) 5.56 (MEM)				
04/18/02	120	29 and 31	16 – 29 / 20	0	0	21	No structures Detected
04/17/02 to 04/18/02	2 (24-hour readings		19 (Dust Trak) <3.47 (MEM)				
04/19/02	120	66 and 95	20 – 47 / 30	7	0	21	No structures Detected

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STUYVESANT HIGH SCHOOL							
Respirable Particulates Concentrations and Ambient area air sample TEM results for asbestos							
Date	**Total Number of readings collected**	**Outdoor Readings ($\mu g/m^3$)**	**Range of indoor readings ($\mu g/m^3$)**	**Number of readings >40 $\mu g/m^3$ to ≤ 65 $\mu g/m^3$ (24 hrs average)**	**Number of readings > 65 $\mu g/m^3$ (24 hrs average)**	**Number of air samples collected for asbestos TEM analysis**	**Results of TEM asbestos analysis (structures/mm2) (Area clearance criteria <70 structures/mm2)**
04/18/02 to 04/19/02	2 (24-hour readings		21 (Dust Trak) <3.47 (MEM)				
04/20/02						21	No structures Detected
04/21/02						21	No structures Detected
04/22/02	120	14 and 45	2 – 18 / 12	0	0	21	One (1) structure was found (22.24 S/mm^2) outside the building on the 11th floor roof area.
04/23/02	120	10 and 16	6 – 15 / 10	0	0	21	No structures Detected
04/22/02 to 04/23/02	(24-hour readings)		6.0 (Dust Trak) <3.47 (MEM)				
04/24/02	120	15 and 17	8 – 19 / 12	0	0	21	No structures Detected
04/23/02 to 04/24/02	(24-hour readings)		5.0 (Dust Trak) 20.8 (MEM)				
04/25/02	120	12 and 19	7 – 20 / 11	0	0	21	No structures Detected
04/24/02 to 04/25/02	(24-hour readings)		9.0 (Dust Trak) 4.86 (MEM)				
04/26/02	120	18 and 20	7 – 17 / 11	0	0	21	No structures Detected
04/25/02 to 04/26/02	(24-hour readings)		5.0 (Dust Trak) <3.47 (MEM)				
04/27/02						21	No structures Detected
04/28/02						21	No structures Detected
04/29/02	120	5 and 6	3 – 12 / 7	0	0	21	No structures Detected
04/30/02	120	30 and 43	11 – 22 / 16	0	0	21	No structures Detected
04/29/02 to 04/30/02	(24-hour readings)		6.0 (Dust Trak) 4.86 (MEM)				
05/01/02	120	21 and 64	10 – 27 / 15	0	0	21	No structures Detected
04/30/02 to 05/01/02	(24-hour readings)		9.0 (Dust Trak) <3.47 (MEM)				
05/02/02	120	34 and 36	11 – 21 / 15	0	0	21	No structures Detected
05/01/02 to 05/02/02	(24-hour readings)		10.0 (Dust Trak) <3.47 (MEM)				
05/03/02	120	12 and 15	7 – 17 / 11	0	0	21	No structures Detected
05/02/02 to 05/03/02	(24-hour readings)		18.0 (Dust Trak) <3.47 (MEM)				
05/04/02						21	No structures Detected
05/05/02						21	No structures Detected
05/06/02	120	72 and 81	30 – 52 / 41	77	0	21	One (1) structure was found (22.24 S/mm^2) outside the building, south side.
05/07/02	120	28 and 29	15 – 29 / 21	0	0	21	No structures Detected
05/06/02 to 05/07/02	(24-hour readings)		11 (Dust Trak) 5.56 (MEM)				

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STUYVESANT HIGH SCHOOL							
Respirable Particulates Concentrations and Ambient area air sample TEM results for asbestos							
Date	**Total Number of readings collected**	**Outdoor Readings ($\mu g/m^3$)**	**Range of indoor readings ($\mu g/m^3$)**	**Number of readings >40 $\mu g/m^3$ to ≤ 65 $\mu g/m^3$ (24 hrs average)**	**Number of readings > 65 $\mu g/m^3$ (24 hrs average)**	**Number of air samples collected for asbestos TEM analysis**	**Results of TEM asbestos analysis (structures/mm2) (Area clearance criteria <70 structures/mm2)**
05/08/02	120	22 and 26	13 – 22 / 16	0	0	21	No structures Detected
05/07/02 to 05/08/02	(24-hour readings)		18 (Dust Trak) <3.47 (MEM)				
05/09/02	120	20 and 22	10 – 19 / 15	0	0	21	No structures Detected
05/08/02 to 05/09/02	(24-hour readings)		7.0 (Dust Trak) <3.47 (MEM)				
05/10/02	120	41 and 67	24 – 37 / 30	0	0	21	No structures Detected
05/09/02 to 05/10/02	(24-hour readings)		13 (Dust Trak) 6.25 (MEM)				
05/11/02						21	No structures Detected
05/12/02						21	No structures Detected
5/13/02	120	22 and 33	8 – 24 / 18	0	0	21	No structures Detected
5/14/02	120	19 and 20	6 – 19 / 13	0	0	21	No structures Detected
5/15/02	120	17 and 19	7 – 18 / 13	0	0	21	No structures Detected
5/16/02	120	40 and 59	16 – 27 / 21	0	0	21	No structures Detected
5/17/02	120	36 and 48	20 – 35 / 28	0	0	21	No structures Detected
5/18/02						21	No structures Detected
5/19/02						21	No structures Detected
5/20/02	120	22 and 25	9 – 21 / 13	0	0	21	No structures Detected
5/21/02	120	15 and 18	7 17 / 11	0	0	21	No structures Detected
5/22/02	120	21 and 22	8 – 19 / 13	0	0	21	No structures Detected
5/23/02	120	29 and 32	12 – 22 / 17	0	0	21	No structures Detected
5/24/02	120	31 and 34	13 – 24 / 18	0	0	21	No structures Detected
5/25/02						21	No structures Detected
5/26/02						21	No structures Detected
5/27/02						21	No structures Detected
5/28/02	120	18 and 41	15 – 24 / 19	0	0	21	No structures Detected
5/29/02	120	81 and 88	27 – 42 / 34	2	0	21	No structures Detected
5/30/02	120	37 and 74	28 – 40 / 33	0	0	21	No structures Detected
5/31/02	120	71 and 79	25 – 45 / 33	4	0	21	No structures Detected
6/01/02						21	No structures Detected
6/02/02						21	No structures Detected
6/03/02	120	10 and 12	4 – 20 / 14	0	0	21	No structures Detected
6/04/02	120	23 and 31	15 – 24 / 19	0	0	21	No structures Detected
6/05/02	120	37 and 46	19 32 / 26	0	0	21	No structures Detected
6/06/02	120	48 and 85	22 – 43 / 34	7	0	21	No structures Detected
6/07/02	120	36 and 40	20 – 31 / 25	0	0	21	No structures Detected
6/08/02						21	No structures Detected
6/09/02						21	No structures Detected
6/10/02	120	36 and 39	16 – 25 / 20	0	0	21	One (1) structure was found (22.24 S/mm^2) outside the building, north side.
6/11/02	120	40 and 47	25 – 36 / 29	0	0	21	No structures Detected
6/12/02	120	48 and 58	25 39 / 30	0	0	21	One (1) structure was found (22.24 S/mm^2) outside the building, south side.
6/13/02	120	44 and 56	16 – 28 / 22	0	0	21	No structures Detected
6/14/02	120	20 and 21	9 – 17 / 13	0	0	21	No structures Detected
6/15/02						21	No structures Detected
6/16/02						21	No structures Detected
6/17/02	120	35 and 39	18 29 / 24	0	0	21	No structures Detected
6/18/02	120	36 and 37	17 – 26 / 21	0	0	21	No structures Detected
6/19/02	120	45 and 48	25 – 33 / 28	0	0	21	No structures Detected
6/20/02	120	51 and 57	21 – 38 / 26	0	0	21	No structures Detected
6/21/02	120	40 and 44	20 – 30 / 24	0	0	21	No structures Detected

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STUYVESANT HIGH SCHOOL							
Respirable Particulates Concentrations and Ambient area air sample TEM results for asbestos							
Date	**Total Number of readings collected**	**Outdoor Readings ($\mu g/m^3$)**	**Range of indoor readings ($\mu g/m^3$)**	**Number of readings >40 $\mu g/m^3$ to ≤ 65 $\mu g/m^3$ (24 hrs average)**	**Number of readings > 65 $\mu g/m^3$ (24 hrs average)**	**Number of air samples collected for asbestos TEM analysis**	**Results of TEM asbestos analysis (structures/mm2) (Area clearance criteria <70 structures/mm2)**
6/22/02						21	No structures Detected
6/23/02						21	No structures Detected
6/24/02	120	43 and 54	23 – 36 / 28	0	0	21	No structures Detected
6/25/02	120	62 and 71	27 – 37 / 32	0	0	21	No structures Detected
6/26/02	120	89 and 94	30 – 45 / 36	5	0	21	No structures Detected

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STUYVESANT HIGH SCHOOL														
	LEAD-IN-WIPE-DUST SAMPLE			MERCURY	PCB'S	SILICA (RESPIRABLE DUST)		FIBERGLASS	HYDROCARBONS		DIOXINS WIPE SAMPLE		METALS	
Date	**# of Sample**	**Lead Conc. On Floor ($\mu g/ft^2$)**	**Lead Conc. On Window Sill ($\mu g/ft^2$)**	**Mercury Conc. (mg/m^3)**	**Concentration (3 samples per day) ($\mu g/cm2$)**	**Range of Indoor Conc. (11 samples per day)**	**Range of Outdoor Conc. (1 sample day)**	**Results (10 samples per day)**	**Indoor Readings (2 samples per day)**	**Outdoor Reading (1 sample per day)**	**Indoor Surfaces Range of Conc. (2 samples per day) (ng/m^2)**	**Air Plenum Conc. (1 sample per day) (ng/m^2)**	**Indoor Readings (2 samples per day) (mg/m^3)**	**Outdoor Reading (1 sample per day) (mg/m^3)**
10/18/01	18 (+ 2 blks)	Swimming Pool 46.1 Cafet. 45.8	Below Guidance Level			No silica found above detection limit on 6 samples	No silica found above detection limit	Fiberglass was detected on 14 samples						
10/19/01						No silica found above detection limit on 10 samples	No silica found above detection limit							
10/20/01	5 (+ 2 blks)	All five area samples and field blanks results are below the OSHA Action Level of 30 $\mu g/m^3$.												
10/24/01	21 (+ 2 blks)	Below Guidance Level	Below Guidance Level			9th Floor Hallway 0.017 mg/m^3	No silica found above detection limit	No fiberglass was detected on 15 samples						
10/25/01						No silica found above detection limit	No silica found above detection limit							
10/31/01	17 (+ 2 blks)	Below Guidance Level	Below Guidance Level			No silica found above detection limit	No silica found above detection limit	Non detected						
11/07/01	17 (+ 2 blks)	Below Guidance Level	Below Guidance Level					Non Detected						
11/8/01									Hexane = 0.125 ppm (above detection limit)	None detected above limits of detection	0.00049 to 0.00019	0.0014	Aluminum = 0.001-0.002 Chromium 0.0002	Below limit of detection
11/14/01	17 (+ 2 blks)	Below Guidance Level	Below Guidance Level		Below reporting limit of 2 ug sample			Non Detected	Hexane 0.184 ppm (above detection limit)	None detected above limits of detection	0.0014 to 0.0014	0.081	Below limit of detection	Chromium 0.0005 Iron 0.004
11/15/01						Room 635 = 0.023 mg/m^3 (Above Detection Limit)	No silica found above detection limit							
11/16/01				0.000191 to 0.000222		No silica found above detection limit	No silica found above detection limit							

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STUYVESANT HIGH SCHOOL															
	LEAD-IN-WIPE-DUST SAMPLE			MERCURY	PCB'S	SILICA (RESPIRABLE DUST)		FIBERGLASS	HYDROCARBONS		DIOXINS WIPE SAMPLE		METALS	
Date	# of Sample	Lead Conc. On Floor ($\mu g/ft^2$)	Lead Conc. On Window Sill ($\mu g/ft^2$)	Mercury Conc. (mg/m^3)	Concentration (3 samples per day) ($\mu g/cm2$)	Range of Indoor Conc. (11 samples per day)	Range of Outdoor Conc. (1 sample day)	Results (10 samples per day)	Indoor Readings (2 samples per day)	Outdoor Reading (1 sample per day)	Indoor Surfaces Range of Conc. (2 samples per day) (ng/m^2)	Air Plenum Conc. (1 sample per day) (ng/m^2)	Indoor Readings (2 samples per day) (mg/m^3)	Outdoor Reading (1 sample per day) (mg/m^3)
11/20/01				0.000179 to 0.000323	Below reporting limit of 2 ug/sample	No silica found above detection limit	No silica found above detection limit		None detected above limits of detection	None detected above limits of detection	0.0013 to 0.00044	0.020	Chromium – 0.0002 to 0.0003	Iron – 0.0036
11/21/01	17 (+ 2 blks)	Below Guidance Level	Below Guidance Level					Non Detected						
11/27/01						No silica found above detection limit	No silica found above detection limit		None detected above limits of detection	None detected above limits of detection			Chromium = 0.00021 to 0.00031	Below limit of detection
11/28/01	17 (1 2 blks)	Below Guidance Level	Below Guidance Level		Below reporting limit of 2 µg / sample			Non Detected			0.00015 to 0.00056	0.0015		
12/3/01					Below reporting limit of 2 µg / sample						0.000065 to 0.00016	0.0016	Levels of airborne metals did not exceed the Limit of Detection except for the blank sample with trace amount of chromium.	
12/5/01	17 (1 2 blks)	Below Guidance Level						Non Detected						
12/7/01				3 air samples for Hg were collected Hg was detected in these samples at levels just above the detection limit		No silica found above detection limit	No silica found above detection limit		None detected above limits of detection	None detected above limits of detection				
12/12/01	17 (1 2 blks)	Below Guidance Level						Non Detected						
12/13/01				Mercury was not detected in any of the samples at a level greater than in a Bank	Below reporting limit of 2 µg / sample	No silica found above detection limit	No silica found above detection limit		None detected above limits of detection	None detected above limits of detection	0.000065 to 0.00016	0.0016	Chromium 0.000306 mg/m^3 found in 1st floor main lobby. Blank 0.026 micrograms per filter.	
12/19/01	17 (1 2 blks)	Below Guidance Level						Non Detected						
12/20/01				0.000333 to 0.000289	Below reporting limit of 2 µg / sample	No silica found above detection limit	No silica found above detection limit		Total Other B Hydrocarbons 0.261 ppm	None detected above limits of detection	0.000065 to 0.00016	0.0016	None of the metals in the analyt cal panel were present at levels above the limits of detection.	

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STUYVESANT HIGH SCHOOL														
	LEAD-IN-WIPE-DUST SAMPLE			MERCURY	PCB'S	SILICA (RESPIRABLE DUST)		FIBERGLASS	HYDROCARBONS		DIOXINS WIPE SAMPLE		METALS	
Date	**# of Sample**	**Lead Conc. On Floor ($\mu g/ft^2$)**	**Lead Conc. On Window Sill ($\mu g/ft^2$)**	**Mercury Conc. (mg/m^3)**	**Concentration (3 samples per day) ($\mu g/cm2$)**	**Range of Indoor Conc. (11 samples per day)**	**Range of Outdoor Conc. (1 sample day)**	**Results (10 samples per day)**	**Indoor Readings (2 samples per day)**	**Outdoor Reading (1 sample per day)**	**Indoor Surfaces Range of Conc. (2 samples per day) (ng/m^2)**	**Air Plenum Conc. (1 sample per day) (ng/m^2)**	**Indoor Readings (2 samples per day) (mg/m^3)**	**Outdoor Reading (1 sample per day) (mg/m^3)**
12/26/01	17 (1 2 blks)	Below Guidance Level		0.000292 to 0.000302	Below reporting limit of 2µg sample	No silica found above detection limit	No silica found above detection limit	Non Detected	None detected above limits of detection	Acetone – 0.114 ppm Hexane 0.062 ppm	0.000065 to 0.00016	0.0016	None of the metals in the analytical panel were present at levels above the limits of detection.	
1/02/02	17 (1 2 blks)	5th Floor Cafet 95.3 1st Flr Lobby 116.1	3rd Floor Aux. Gym 599.94					Non Detected						
1/03/02	9 (1 1 blank) (Retest after cleanup)	Below Guidance Level		0.000271 to 0.000302	Below reporting limit of 2 µg sample				None detected above limits of detection	None detected above limits of detection	0.00020 and 0.0049	0.83	None of the metals in the analytical panel were present at levels above the limits of detection.	
1/4/02						No silica found above detection limit	No silica found above detection limit							
1/09/02	17 (1 2 blks)	Below Guidance Level		0.000417 to 0.000375	Below reporting limit of 2 µg sample	2nd floor lobby = 0.014 mg/m^3 Room 260 0.0135 mg/m^3.	No silica found above detection limit	Non Detected	None detected above limits of detection	None detected above limits of detection	0.000056 and 0.00017	0.0010	None of the metals in the analytical panel were present at levels above the limits of detection.	
1/16/02	17 (1 2 blks)	Below Guidance Level						Non Detected						
1/17/02				0.000292 to 0.000302		2nd floor lobby – 0.0123 mg/m^3	No silica found above detection limit		None detected above limits of detection	None detected above limits of detection			The levels of airborne metals did not exceed the limits of detection in any of the samples except for chromium in the following locations: 1st floor main lobby (0.00543 mg/m^3). 2nd floor lobby near bridge entrance (0.00473 mg/m^3). roof air intake (0.00638 mg/m^3), and blank sample (0.296 micrograms per filter	
1/18/02					Below reporting limit of 2 µg sample						3 samples were collected for dioxin. The levels found in these samples were below the NYSDOH guidelines of 25 ng/m^2.			

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STUYVESANT HIGH SCHOOL															
	LEAD-IN-WIPE-DUST SAMPLE			MERCURY	PCB'S	SILICA (RESPIRABLE DUST)		FIBERGLASS	HYDROCARBONS		DIOXINS WIPE SAMPLE		METALS	
Date	# of Sample	Lead Conc. On Floor ($\mu g/ft^2$)	Lead Conc. On Window Sill ($\mu g/ft^2$)	Mercury Conc. (mg/m^3)	Concentration (3 samples per day) ($\mu g/cm2$)	Range of Indoor Conc. (11 samples per day)	Range of Outdoor Conc. (1 sample day)	Results (10 samples per day)	Indoor Readings (2 samples per day)	Outdoor Reading (1 sample per day)	Indoor Surfaces Range of Conc. (2 samples per day) (ng/m^2)	Air Plenum Conc. (1 sample per day) (ng/m^2)	Indoor Readings (2 samples per day) (mg/m^3)	Outdoor Reading (1 sample per day) (mg/m^3)
01/23/02	17 (1 2 blks)	Below Guidance Level		Mercury was not detected in any of the samples at a level greater than in the blank	Below reporting limit of 2 µg/ sample	No silica was found above detection limit		Non Detected	None detected above limits of detection	None detected above limits of detection	3 wipe samples (- 1 blank) were collected for dioxin. The levels found in these samples are below the NYSDOH guideline of 25 ng/m^2.		The leve's of airborne metals did not exceed the limits of detection in any of the samples except for chromium which was also found in the blank.	
01/29/02								Non Detected						
01/30/02	17 (1 2 blks)	Below Guidance Level		3 air samples were collected for mercury. Mercury was found in all three samples at a very low levels.	3 wipe samples for PCBs were collected. The PCB results of all samples were below the reporting limits of 2.0 ug/sample.	12 air samp es (- 1 blank) for silica were collected. Silica was not detected on any of the samp.es collected.			Chloroform was detected in both indoor samples (Main lobby = 0.049 ppm' and 2nd floor bridge entrance 0.14 ppm).	Non Detected	3 wipe samples (- 1 blank) were collected for dioxin. The levels found in these samples are below the NYSDOH guidelines of 25 ng/m^2.		3 air samples for metals were collected. The levels of airborne metals did not exceed the limits of detection in any of the samples except for chromium which was also found in the blank.	
02/06/02	17 (1 2 blks)	5th Floor Hallway and Room 635 Floor surfaces are above the guidance limit of 40 ug/ft^2.	Below Guidance Level	3 air samples were collected for mercury vapor. After the samples are blank corrected, the max. concentrations in the indoor and outdoor samples fall below the limit of detection.	3 wipe samples for PCBs were collected. The PCB results of all samples were below the reporting limits of 2.0 ug/sample.	12 air samp es (- 1 blank) were collected for silica. Silica was detected in only one sample collected in the pool area. It contained 0.0135 mg/m^3 of silica.		Non Detected	3 air sample were collected for HC. NO hydrocarbons were detected in the analytical panel were present above the limits of detection in any of the samples.		3 wipe samples (+1 blank) were collected for dioxin. Dioxins were not detected in two samples including blank. The level found in the HVAC #1 sample was below the NYSDOH guideline of 25 ng/m^2.		3 air samples for metals were collected. The levels of airborne metals did not exceed the limits of detection in any of the samples except for chromium and aluminum which was also found in the blank.	
02/07/02	6 (1 blank)	Below Guidance Level (follow up samples)												

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STUYVESANT HIGH SCHOOL														
	LEAD-IN-WIPE-DUST SAMPLE			MERCURY	PCB'S	SILICA (RESPIRABLE DUST)		FIBERGLASS	HYDROCARBONS		DIOXINS WIPE SAMPLE		METALS	
Date	# of Sample	Lead Conc. On Floor ($\mu g/ft^2$)	Lead Conc. On Window Sill ($\mu g/ft^2$)	Mercury Conc. (mg/m^3)	Concentration (3 samples per day) ($\mu g/cm2$)	Range of Indoor Conc. (11 samples per day)	Range of Outdoor Conc. (1 sample day)	Results (10 samples per day)	Indoor Readings (2 samples per day)	Outdoor Reading (1 sample per day)	Indoor Surfaces Range of Conc. (2 samples per day) (ng/m^2)	Air Plenum Conc. (1 sample per day) (ng/m^2)	Indoor Readings (2 samples per day) (mg/m^3)	Outdoor Reading (1 sample per day) (mg/m^3)
02/13/02	17 (−2 blks) 9 (11 blank) 3 (−2 blanks)	Lead concentration in all dust wipe samples collected was less than all applicable standards for lead in dust on floor and windowsills. Lead concentration in the blanks was below the detection limit. Additional sample collected inside the distribution air ducts and mixing boxes in air handling units. Results of all samples including blanks are below floor surface guidance level. 3 air samples (−2 blanks) were collected for lead. The levels of airborne lead did not exceed the Limit of detection in any of the samples.		3 air samples (−1 blank) were collected for mercury vapor. The Hg concentrations are essentially indistinguishable from the blank.	3 wipe samples (−1 blank) for PCBs were collected. The PCBs results of all samples were below the reporting limit of 2 ug/sample.	12 air samples (−1 blank) were collected for silica dust. Silica was found in one sample collected in the 1st floor lobby.		10 bulk samples for fiberglass were collected. No fiberglass detected in all 10 samples.	3 air sample were collected for HC. NO hydrocarbons were detected in the analytical panel were present above the limits of detection in any of the samples.				3 air samples (−1 blank) were collected for metal. Chromium was detected in all the samples including blank.	
02/14/02											3 wipe samples (−1 blank) were collected for dioxin. The levels found in these samples are below the NYSDOH guidelines of 25 ng/m^2.			
02/20/02	17 (−2 blks) 3 (−2 blanks)	Lead concentration in all dust wipe samples collected was less than all applicable standards for lead in dust on floor and windowsills. Lead concentration in the blanks was below the detection limit. The levels of airborne lead did not exceed the levels of detection in any of the samples.		3 air samples (−1 blank) were collected for mercury. Mercury was detected on the roof at a level greater than the blank.		12 air samples (−1 blank) for silica were collected. Silica was not detected on any of the samples collected.		10 settled dust bulk samples were collected. No fiberglass detected in all 10 samples.	3 air samples (−1 blank) for HCs were collected. None of the hydrocarbons in the analytical panel were present above the limit of detection in any of the samples.				3 air sample (−1 blank) for HCs were collected. None of the HCs were present above the limit of detection in any of the samples. 3 air samples (−1 blank) for metals were collected. Chromium was detected in all the samples including blank. Iron was detected in the 1st floor lobby.	

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STUYVESANT HIGH SCHOOL														
	LEAD-IN-WIPE-DUST SAMPLE			MERCURY	PCB'S	SILICA (RESPIRABLE DUST)		FIBERGLASS	HYDROCARBONS		DIOXINS WIPE SAMPLE		METALS	
Date	# of Sample	Lead Conc. On Floor ($\mu g/ft^2$)	Lead Conc. On Window Sill ($\mu g/ft^2$)	Mercury Conc. (mg/m^3)	Concentration (3 samples per day) ($\mu g/cm2$)	Range of Indoor Conc. (11 samples per day)	Range of Outdoor Conc. (1 sample day)	Results (10 samples per day)	Indoor Readings (2 samples per day)	Outdoor Reading (1 sample per day)	Indoor Surfaces Range of Conc. (2 samples per day) (ng/m^2)	Air Plenum Conc. (1 sample per day) (ng/m^2)	Indoor Readings (2 samples per day) (mg/m^3)	Outdoor Reading (1 sample per day) (mg/m^3)
02/22/02	10 (+2 blanks)	The levels of airborne lead did not exceed the levels of detection in any of the samples.			3 wipe samples (+1 blank) for PCBs were collected. The PCBs results of all samples were below the reporting limit of 2 ug sample.						3 wipe samples (+1 blank) were collected for dioxin. The levels found in these samples are below the NYSDOH guidelines of 25 ng/m^2.			
02/23/02	17 (+2 blks)	Lead concentration in all dust wipe samples collected was less than all applicable standards for lead in dust on floor and windowsills. Lead concentration in the blanks was below the detection limit.												
02/27/02	17 (+2 blks)	Lead concentration in all dust wipe samples collected was less than all applicable standards for lead in dust on floor and windowsills. Lead concentration in the blanks was below the detection limit.		3 air samples (+1 blank) were collected for Mercury Vapor. Hg was found at a trace level in each of the sample including blank		12 air samples (+1 blank) for silica were collected. Silica was not detected on any of the samples collected.		10 settled dust bulk sample were collected for fiberglass. None of the samples contain fiberglass fibers.	3 air sample (+1 blank) for HCs were collected. None of the HCs were present above the limit of detection in any of the samples.				3 air samples (+1 blank) for metals were collected. Chromium was detected in all the samples including blank.	
03/01/02	10 (+2 blanks) 60 (+6 blanks)	The levels of airborne lead did not exceed the levels of detection except for one sample collected in 9th floor hallway by classroom 921 (0.4 ug m3). Lead concentration in all dust wipe samples collected was less than all applicable standards for lead in dust on floor and window sill. Lead concentration in the blanks was below the detection limit.			3 wipe samples for PCBs were collected. The PCB results of all samples were below the reporting limits of 2.0 ug sample.						3 wipe samples were collected for dioxin. The levels found in these samples are below the NYSDOH guidelines of 25 ng/m^2.			

CITY_21MC100_003292590

NYC-WTC_000453617

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STUYVESANT HIGH SCHOOL														
	LEAD-IN-WIPE-DUST SAMPLE			MERCURY	PCB'S	SILICA (RESPIRABLE DUST)		FIBERGLASS	HYDROCARBONS		DIOXINS WIPE SAMPLE		METALS	
Date	# of Sample	Lead Conc. On Floor ($\mu g/ft^2$)	Lead Conc. On Window Sill ($\mu g/ft^2$)	Mercury Conc. (mg/m^3)	Concentration (3 samples per day) ($\mu g/cm2$)	Range of Indoor Conc. (11 samples per day)	Range of Outdoor Conc. (1 sample day)	Results (10 samples per day)	Indoor Readings (2 samples per day)	Outdoor Reading (1 sample per day)	Indoor Surfaces Range of Conc. (2 samples per day) (ng/m^2)	Air Plenum Conc. (1 sample per day) (ng/m^2)	Indoor Readings (2 samples per day) (mg/m^3)	Outdoor Reading (1 sample per day) (mg/m^3)
03/06/02	17 (1 2 blks)	Lead concentration in all dust wipe samples collected was less than all applicable standards for lead in dust on floor and windowsills. Lead concentration in the blanks was below the detection limit.		3 air samples (+1 blank) were collected for Mercury Vapor. Hg was found at a trace level in each of the sample including blank		12 air samples (+1 blank) for silica were collected. Silica was not detected on any of the samples collected.		10 settled dust bulk samples were collected. None of the samples contain fiberglass fiber.	3 air sample (+1 blank) for HCs were collected. None of the HCs were present above the limit of detection in any of the samples.				3 air samples (+1 blank) for metals were collected. Chromium was detected in all the samples including blank.	
03/08/02					3 wipe samples for PCBs were collected. The PCBs results of all samples were below the reporting limit of 2 ug.sample.						3 wipe samples were collected for dioxin. The levels found in these samples are below the NYSDOH guidelines of 25 ng m^2.			
03/13/02	17 (1 2 blks)	Lead concentration in all dust wipe samples collected was less than all applicable standards for lead in dust on floor and windowsills. Lead concentration in the blanks was below the detection limit.		3 air samples (+1 blank) were collected for Mercury Vapor. Hg was found at a trace level in each of the sample including blank		12 air samples (+1 blank) for silica were collected. Silica was not detected on any of the samples collected.		10 settled dust bulk sample were collected for fiberglass. None of the samples contain fiberglass fibers.	3 air samples were collected for HCs. 3 of the HCs in the analyte panel were detected (acetone, hexane and dichloromethane). They were detected on the roof, main lobby and bridge entrance lobby.				3 air samples (+1 blank) were collected for metals. The metals detected in the samples were chromium, iron, lead, manganese and zinc.	
03/15/02					3 wipe samples for PCBs were collected. The PCBs results of all samples were below the reporting limit of 2 ug.sample.						3 wipe samples were collected for dioxin. The levels found in these samples are below the NYSDOH guidelines of 25 ng/m^2.			
03/20/02	17 (1 2 blks)	Lead concentration in all dust wipe samples collected was less than all applicable standards for lead in dust on floor and windowsills. Lead concentration in the blanks was below the detection limit.		3 air samples (+1 blank) were collected for Mercury Vapor. Hg was found at a trace level in each of the sample including blank	3 wipe samples for PCBs were collected. The PCBs results of all samples were below the reporting limit of 2 ug.sample.	12 air samples (+1 blank) for silica were collected. Silica was detected above the limit of detection in one sample (Room 100: 0.0147 mg/m^3).		10 settled dust bulk sample were collected for fiberglass. None of the samples contain fiberglass fibers.	3 air samples (+1 blank) for HCs were collected. Acetone was detected in the roof at .012 ppm. It was also detected at greater concentration in the blank. Acetone was not detected indoor.		3 wipe samples were collected for dioxin. The levels found in these samples are below the NYSDOH guidelines of 25 ng/m^2.		3 air samples (+1 blank) were collected for metals. The metals detected in the samples were Cr. And Pb. Al, Cu, and Pb were also detected in the blank.	

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STUYVESANT HIGH SCHOOL														
	LEAD-IN-WIPE-DUST SAMPLE			MERCURY	PCB'S	SILICA (RESPIRABLE DUST)		FIBERGLASS	HYDROCARBONS		DIOXINS WIPE SAMPLE		METALS	
Date	**# of Sample**	**Lead Conc. On Floor ($\mu g/ft^2$)**	**Lead Conc. On Window Sill ($\mu g/ft^2$)**	**Mercury Conc. (mg/m^3)**	**Concentration (3 samples per day) ($\mu g/cm2$)**	**Range of Indoor Conc. (11 samples per day)**	**Range of Outdoor Conc. (1 sample day)**	**Results (10 samples per day)**	**Indoor Readings (2 samples per day)**	**Outdoor Reading (1 sample per day)**	**Indoor Surfaces Range of Conc. (2 samples per day) (ng/m^2)**	**Air Plenum Conc. (1 sample per day) (ng/m^2)**	**Indoor Readings (2 samples per day) (mg/m^3)**	**Outdoor Reading (1 sample per day) (mg/m^3)**
03/27/02	17 (+ 2 blks)	Lead concentration in all dust wipe samples collected was less than all applicable standards for lead in dust on floor and windowsills. Lead concentration in the blanks was below the detection limit.		3 air samples (−1 blank) were collected for Mercury Vapor. Hg was found at a trace level in each of the sample including blank	3 wipe samples for PCBs were collected. The PCBs results of all samples were below the reporting limit of 2 ug.sample.	12 air samples (−1 blank) for silica were collected. Silica was detected above the limit of detection in room 1001 (0.0147 $mg.m^3$)		10 settled dust bulk samples were collected. None of the samples contain fiberglass fiber.	3 air samples (−1 blank) for HCs were collected. None of the hydrocarbons in the analytical panel were present above the limit of detection in any of the samples.		3 wipe samples were collected for dioxin. The levels found in these samples are below the NYSDOH guidelines of 25 $ng.m^2$.			
04/03/02	17 (+ 2 blks)	Lead concentration in all dust wipe samples collected was less than all applicable standards for lead in dust on floor and windowsills. Lead concentration in the blanks was below the detection limit.		3 air samples (−1 blank) were collected for mercury vapor. Hg was detected in the samples at levels that were indistinguishable from those detected in the blank.	3 wipe samples for PCBs were collected. The PCBs results of all samples were below the reporting limit of 2 ug.sample.			10 settled dust bulk sample were collected for fiberglass. None of the samples contain fiberglass fibers.			3 wipe samples were collected for dioxin. The levels found in these samples are below the NYSDOH guidelines of 25 $ng.m^2$.		3 air samples (+1 blank) were collected for metals. The metals detected in the samples and in the blank were Al. And Cr. 3 air sample (−1 blank) for HCs were collected. Total A hydrocarbons. Acetone and hexane were detected. The levels detected are below the occupational standards for these compounds.	
04/10/02	17 (+ 2 blks)	Lead concentration in all dust wipe samples collected was less than all applicable standards for lead in dust on floor and windowsills. Lead concentration in the blanks was below the detection limit.		3 air samples (−1 blank) were collected for mercury vapor. Mercury was detected in the samples at levels that were indistinguishable from that detected in the blank.	3 wipe samples for PCBs were collected. The PCBs results of all samples were below the reporting limit of 2 ug.sample.	12 air samples (−1 blank) for silica were collected. Silica was detected above the limit of detection in 1st floor main lobby (0.0147 $mg.m^3$)		10 settled dust bulk sample were collected for fiberglass. None of the samples contain fiberglass fibers.			3 wipe samples were collected for dioxin. The levels found in these samples are below the NYSDOH guidelines of 25 $ng.m^2$.		3 air samples (+1 blank) were collected for metals. The only metals detected in the all samples and in the blank was chromium. The blank-corrected Cr was below the limit of detection.	

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STUYVESANT HIGH SCHOOL														
	LEAD-IN-WIPE-DUST SAMPLE			MERCURY	PCB'S	SILICA (RESPIRABLE DUST)		FIBERGLASS	HYDROCARBONS		DIOXINS WIPE SAMPLE		METALS	
Date	# of Sample	Lead Conc. On Floor ($\mu g/ft^2$)	Lead Conc. On Window Sill ($\mu g/ft^2$)	Mercury Conc. (mg/m^3)	Concentration (3 samples per day) ($\mu g/cm2$)	Range of Indoor Conc. (11 samples per day)	Range of Outdoor Conc. (1 sample day)	Results (10 samples per day)	Indoor Readings (2 samples per day)	Outdoor Reading (1 sample per day)	Indoor Surfaces Range of Conc. (2 samples per day) (ng/m^2)	Air Plenum Conc. (1 sample per day) (ng/m^2)	Indoor Readings (2 samples per day) (mg/m^3)	Outdoor Reading (1 sample per day) (mg/m^3)
04/17/02	17 (+ 2 blks)	Lead concentration in all dust wipe samples collected was less than all applicable standards for lead in dust on floor and windowsills. Lead concentration in the blanks was below the detection limit.		3 air samples (+ 1 blank) were collected for mercury vapor. Hg was detected in the samples at levels that were indistinguishable from those detected in the blank.	3 wipe samples for PCBs were collected. The PCBs results of all samples were below the reporting limit of 2 ug sample.	12 air samples (+ 1 blank) for silica were collected. Silica was not detected on any of the samples collected.		10 settled dust bulk sample were collected for fiberglass. None of the samples contain fiberglass fibers.			3 wipe samples were collected for dioxin. The levels found in these samples are below the NYSDOH guidelines of 25 ng/m^2.		3 air samples (+ 1 blank) for HCs were collected. None of the HCs were present above the limit of detection in any of the samples. 3 air samples (+ 1 blank) were collected for metals. The metals detected inside the building were Cr and Pb. Cr, Pb, Fe, and Ni were detected on the roof. The blank-corrected level of these metals were below the detection limit.	
4/24/02	17 (+ 2 blks)	Lead concentration in all dust wipe samples collected was less than all applicable standards for lead in dust on floor and windowsills. Lead concentration in the blanks was below the detection limit.		3 air samples (+ 1 blank) were collected for mercury vapor. Hg was detected in the samples at levels that were indistinguishable from those detected in the blank	3 wipe samples for PCBs were collected. The PCBs results of all samples were below the reporting limit of 2 ug sample.	12 air samples (+ 1 blank) for silica were collected. Silica was not detected on any of the samples collected.		10 settled dust bulk sample were collected for fiberglass. None of the samples contain fiberglass fibers.			3 wipe samples were collected for dioxin. The levels found in these samples are below the NYSDOH guidelines of 25 ng/m^2.		3 air sample (+ 1 blank) for HCs were collected. None of the HCs were present above the limit of detection in any of the samples.	
5/1/02	17 (+ 2 blks)	Lead concentration in all dust wipe samples collected was less than all applicable standards for lead in dust on floor and windowsills. Lead concentration in the blanks was below the detection limit.		3 air samples (+ 1 blank) were collected for mercury vapor. Hg was detected at similar trace levels in the samples and the blanks. The results indicate that the Hg detected is a consistent contaminant of the sampling medium and not from the ambient air.		12 air samples (+ 1 blank) for silica were collected. Silica was not detected on any of the samples collected.		10 settled dust bulk sample were collected for fiberglass. None of the samples contain fiberglass fibers.			3 wipe samples were collected for dioxin. The levels found in these samples are below the NYSDOH guidelines of 25 ng/m^2.		3 air sample (+ 1 blank) for HCs were collected. None of the HCs were present above the limit of detection in any of the samples.	

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NYC 9/11 Public Portal Document

STUYVESANT HIGH SCHOOL														
	LEAD-IN-WIPE-DUST SAMPLE			MERCURY	PCB'S	SILICA (RESPIRABLE DUST)		FIBERGLASS	HYDROCARBONS		DIOXINS WIPE SAMPLE		METALS	
Date	# of Sample	Lead Conc. On Floor ($\mu g/ft^2$)	Lead Conc. On Window Sill ($\mu g/ft^2$)	Mercury Conc. (mg/m^3)	Concentration (3 samples per day) ($\mu g/cm2$)	Range of Indoor Conc. (11 samples per day)	Range of Outdoor Conc. (1 sample day)	Results (10 samples per day)	Indoor Readings (2 samples per day)	Outdoor Reading (1 sample per day)	Indoor Surfaces Range of Conc. (2 samples per day) (ng/m^2)	Air Plenum Conc. (1 sample per day) (ng/m^2)	Indoor Readings (2 samples per day) (mg/m^3)	Outdoor Reading (1 sample per day) (mg/m^3)
5.08.02	17 (+ 2 blks)	Lead concentration in all dust wipe samples collected was less than all applicable standards for lead in dust on floor and windowsills. Lead concentration in the blanks was below the detection limit.		3 air samples (+ 1 blank) were collected for mercury vapor. Hg was detected at similar trace levels in the samples and the blanks. The results indicate that the Hg detected is a consistent contaminant of the sampling medium and not from the ambient air.	3 wipe samples for PCBs were collected. The PCBs results of all samples were below the reporting limit of 2 ug/sample.	12 air samples (+ 1 blank) for silica were collected. Silica was not detected on any of the samples collected.		10 settled dust bulk sample were collected for fiberglass. None of the samples contain fiberglass fibers.			3 wipe samples were collected for dioxin. The levels found in these samples are below the NYSDOH guidelines of 25 ng/m^2.		3 air sample (+ 1 blank) for HCs were collected. None of the HCs were present above the limit of detection in any of the samples.	
5.15.02	17 (+ 2 blks)	Lead concentration in all dust wipe samples collected was less than all applicable standards for lead in dust on floor and windowsills. Lead concentration in the blanks was below the detection limit.		3 air samples (+ 1 blank) were collected for mercury vapor. Hg was detected at similar trace levels in the samples and the blanks. The results indicate that the Hg detected is a consistent contaminant of the sampling medium and not from the ambient air.	3 wipe samples for PCBs were collected. The PCBs results of all samples were below the reporting limit of 2 ug/sample.	12 air samples (+ 1 blank) for silica were collected. Silica was not detected on any of the samples collected.		10 settled dust bulk sample were collected for fiberglass. None of the samples contain fiberglass fibers.					3 air sample (+ 1 blank) for HCs were collected. None of the HCs were present above the limit of detection in any of the samples.	

CITY_21MC100_003292594

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STUYVESANT HIGH SCHOOL														
	LEAD-IN-WIPE-DUST SAMPLE			MERCURY	PCB'S	SILICA (RESPIRABLE DUST)		FIBERGLASS	HYDROCARBONS		DIOXINS WIPE SAMPLE		METALS	
Date	# of Sample	Lead Conc. On Floor ($\mu g/ft^2$)	Lead Conc. On Window Sill ($\mu g/ft^2$)	Mercury Conc. (mg/m^3)	Concentration (3 samples per day) ($\mu g/cm2$)	Range of Indoor Conc. (11 samples per day)	Range of Outdoor Conc. (1 sample day)	Results (10 samples per day)	Indoor Readings (2 samples per day)	Outdoor Reading (1 sample per day)	Indoor Surfaces Range of Conc. (2 samples per day) (ng/m^2)	Air Plenum Conc. (1 sample per day) (ng/m^2)	Indoor Readings (2 samples per day) (mg/m^3)	Outdoor Reading (1 sample per day) (mg/m^3)
5/22/02	17 (1 2 blks)	Lead concentration in all dust wipe samples collected was less than all applicable standards for lead in dust on floor and windowsills. Lead concentration in the blanks was below the detection limit.		3 air samples (+1 blank) were collected for mercury vapor. Hg was detected at similar trace levels in the samples and the blanks. The results indicate that the Hg detected is a consistent contaminant of the sampling medium and not from the ambient air.	3 wipe samples for PCBs were collected. The PCBs results of all samples were below the reporting limit of 2 ug.sample.	12 air samples (+1 blank) for silica were collected. Silica was not detected on any of the samples collected.		10 settled dust bulk sample were collected for fiberglass. None of the samples contain fiberglass fibers.					3 air sample (+1 blank) for HCs were collected. None of the HCs were present above the limit of detection in any of the samples.	
5/29/02	17 (+2 blks)	Lead concentration in all dust wipe samples collected was less than all applicable standards for lead in dust on floor and windowsills. Lead concentration in the blanks was below the detection limit.		3 air samples (+1 blank) were collected for mercury vapor. Hg was detected at similar trace levels in the samples and the blanks. The results indicate that the Hg detected is a consistent contaminant of the sampling medium and not from the ambient air.		12 air samples (+1 blank) for silica were collected. Silica was not detected on any of the samples collected.		10 settled dust bulk sample were collected for fiberglass. None of the samples contain fiberglass fibers.					3 air sample (+1 blank) for HCs were collected. None of the HCs were present above the limit of detection in any of the samples.	
6/5/02	17 (1 2 blks)	Lead concentration in all dust wipe samples collected was less than all applicable standards for lead in dust on floor and windowsills. Lead concentration in the blanks was below the detection limit.						10 settled dust bulk sample were collected for fiberglass. None of the samples contain fiberglass fibers.						

CITY_21MC100_003292595

NYC-WTC_000453622

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STUYVESANT HIGH SCHOOL														
	LEAD-IN-WIPE-DUST SAMPLE			MERCURY	PCB'S	SILICA (RESPIRABLE DUST)		FIBERGLASS	HYDROCARBONS		DIOXINS WIPE SAMPLE		METALS	
Date	# of Sample	Lead Conc. On Floor ($\mu g/ft^2$)	Lead Conc. On Window Sill ($\mu g/ft^2$)	Mercury Conc. (mg/m^3)	Concentration (3 samples per day) ($\mu g/cm2$)	Range of Indoor Conc. (11 samples per day)	Range of Outdoor Conc. (1 sample day)	Results (10 samples per day)	Indoor Readings (2 samples per day)	Outdoor Reading (1 sample per day)	Indoor Surfaces Range of Conc. (2 samples per day) (ng/m^2)	Air Plenum Conc. (1 sample per day) (ng/m^2)	Indoor Readings (2 samples per day) (mg/m^3)	Outdoor Reading (1 sample per day) (mg/m^3)
6-12-02	17 (1 2 blks)	Lead concentration in all dust wipe samples collected was less than all applicable standards for lead in dust on floor and windowsills. Lead concentration in the blanks was below the detection limit.						10 settled dust bulk sample were collected for fiberglass. None of the samples contain fiberglass fibers.						
6-19-02	17 (1 2 blks)	Lead concentration in all dust wipe samples collected was less than all applicable standards for lead in dust on floor and windowsills. Lead concentration in the blanks was below the detection limit.						10 settled dust bulk sample were collected for fiberglass. None of the samples contain fiberglass fibers.						
6-26-02	17 (1 2 blks)	Lead concentration in all dust wipe samples collected was less than all applicable standards for lead in dust on floor and windowsills. Lead concentration in the blanks was below the detection limit.						10 settled dust bulk sample were collected for fiberglass. None of the samples contain fiberglass fibers.						

CITY_21MC100_003292596

NYC-WTC_000453623