The City of New York
Department of Environmental Protection
59-17 Junction Boulevard
Corona, New York
11373-5107

Joel A. Miele Sr., P.E.
Commissioner

February 23, 2002

NYC BOE

Subject: 292 GREENWICH STREET
PS234M
Second Notice

Dear Sir/ Madam:

This is a follow-up to the NYC DEP request for copies of the environmental hazard assessments including bulk sample results and air monitoring results and a summary of clean-up activities at the above referenced site. To date, our office has not received the requested documents and information. They may be faxed to (718) 595 3744 or sent to the NYC DEP Asbestos Control Program at 59-17 Junction Boulevard, 8th floor, Corona, New York 11373-5108.

Please be advised building owners are responsible for the cleaning of building exteriors, grounds, and common areas. Due to changing conditions and continued activity at Ground Zero, building owners should periodically assess the condition of building exteriors and air conditioning systems for cleanliness and may have to periodically re-clean areas. Adherence to proper cleaning methods is important for the protection of public health and the environment. DEP inspectors will be following up on this matter.

If you have any questions, you may reach the Department at (718) 595-3682 during office hours or the 24-hour Help Center at (718) DEP-HELP. DEP staff is available to provide guidance and technical assistance.

Sincerely,

R. Radhakrishnan, P.E.
Director
Asbestos Control Program

February 7, 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 @
Public School 234 M
292 Greenwich Street
New York, New York 10007
ATC Project No. 15-19125-0279

Dear Mr. Orlan:

At you request, ATC Associates Inc. (ATC) is pleased to provide you with the general summary of results for the wipe and air sampling performed at PS 234 M. 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.

Amel Javal
Project Manager

Reviewed by:

Andreas C. Andreou
Senior Project Manager

PUBLIC SCHOOL 234 M – RESPIRABLE PARTICULATES CONCENTRATION								
Date	Type of sampling	No. of readings	Number of Indoor readings >40 to ≤65 µg/m³ (24 hrs average)	Number of Indoor readings >65 µg/m³ (24 hrs average)	Range of Indoor respirable particulates concentration (µg/m³)	Average indoor respirable particulates concentration (µg/m³)	Range of outdoor respirable particulates concentration (µg/m³)	Average outdoor respirable particulates concentration (µg/m³)
11/29/01	Direct Readings	61	41	0	32 - 59	43	62 and 65	64
11/30/01	Direct Readings	56	21	35	48 - 110	71	95 and 104	100
12/01/01	Direct Readings	61	0	0	24 - 38	30	16 and 18	17
12/02/01	Direct Readings	57	25	0	33 - 65	44	46 and 57	52
12/08/01 – 12/09/01	24-hours data				21 - 62	30	10 - 132	25
12/11/01 – 12/12/01	24-hours data				29 - 44	44	39 - 258	55
12/12/01 – 12/13/01	24-hours data				1 - 134	58	39 - 241	55
12/08/01	Direct Readings	24	0	1	13 – 68	27	20 – 35	26
12/09/01	Direct Readings	24	0	0	7 – 27	22	17 – 27	23
12/11/01	Direct Readings	24	3	0	18 – 55	36	45 – 61	58
12/12/01	Direct Readings	16	2	0	23 – 44	35	46 – 66	52
01/15/02	Direct Readings (outdoor samples)	2					20 and 23	22
01/16/02	Direct Readings (outdoor samples)	4					18 – 21	20
01/17/02	Direct Readings (outdoor samples)	4					43 – 46	45
01/18/02	Direct Readings (outdoor samples)	4					32 – 36	34
01/21/02	Direct Readings (outdoor samples)	4					62 – 64	64
01/22/02	Direct Readings	50	0	0	9 – 29	16	16 - 29	21
01/23/02	Direct Readings	60	0	0	8 - 28	14	15	15
01/24/02	Direct Readings	60	24	0	29 – 65	44	36 - 60	51
01/25/02	Direct Readings	60	0	0	16 - 30	21	11 - 29	19
01/29/02	Direct Readings	60	37	2	33 - 70	48	38 - 69	56
01/30/02	Direct Readings	60	45	1	40 - 70	48	13 - 69	40
01/31/02	Direct Readings	60	0	0	18 - 40	29	20 - 40	33
02/01/02	Direct Readings	60	11	0	19 - 60	35	53 - 90	64
02/04/02	Direct Readings	60	0	0	10 - 27	16	24 - 37	32
02/05/02	Direct Readings	60	0	0				
02/06/02	Direct Readings	60	0	0	16 - 32	23	36 - 40	38

PUBLIC SCHOOL 234 M													
	LEAD-IN-DUST-WIPE SAMPLE			MERCURY	PCB's AND CYANIDE	SILICA (RESPIRABLE DUST)		FIBER GLASS AND FUNGAL SPORES	TOXIC ORGANIC COMPOUND (TVOC), AND POLYNUCLEAR AROMATIC HYDROCARBONS (PAHs)		DIOXINS SAMPLES		HYDROCARBONS (HC) AND METALS	
Date	# of Sample	Lead Conc. On Floor (ug/ft^2)	Lead Conc. On Window Sill (ug/ft^2)	Mercury Conc. (mg/m^3)	Concentration	Range of Indoor Conc. (mg/m^3)	Range of Outdoor Conc. (mg/m^3)	Results	Indoor Readings	Outdoor Reading	Indoor Surfaces Range of Conc.	Air Plenum Conc.	Indoor Readings	Outdoor Reading
11/29/01	40	Below Guidance Level	Below Guidance Level										3 HC air samples collected. HC found above detection limits are: Total Other B Hydrocarbons = 0.095 - .0322 ppm.	1 HC air sample collected = Non Detected
11/30/01													3 HC air samples collected. HC found above detection limits are: Total Other B Hydrocarbons = 0.78 - 5 ppm. Tetrachloroethylene = 0.036 ppm Ethylbenzene = 0.061 ppm Xylenes = 0.294 ppm	1 HC air sample collected = Non Detected
12/01/01													3 HC air samples collected. HC found above detection limits are: Tetrachloroethylene = 0.346 ppm Chlorobenzene = 0.129 ppm Ethylbenzene = 0.154 ppm Styrene = 0.876 ppm Xylene = 0.859 ppm Total Other B Hydrocarbons = 16.6 ppm.	1 HC air sample collected = Non detected

PUBLIC SCHOOL 234 M														
	LEAD-IN-DUST-WIPE SAMPLE			MERCURY	PCB's AND CYANIDE	SILICA (RESPIRABLE DUST)		FIBER GLASS AND FUNGAL SPORES	TOXIC ORGANIC COMPOUND (TVOC), AND POLYNUCLEAR AROMATIC HYDROCARBONS (PAHs)		DIOXINS SAMPLES		HYDROCARBONS (HC) AND METALS	
Date	# of Sample	Lead Conc. On Floor (ug/ft^2)	Lead Conc. On Window Sill (ug/ft^2)	Mercury Conc. (mg/m^3)	Concentration	Range of Indoor Conc. (mg/m^3)	Range of Outdoor Conc. (mg/m^3)	Results	Indoor Readings	Outdoor Reading	Indoor Surfaces Range of Conc.	Air Plenum Conc.	Indoor Readings	Outdoor Reading
12/02/01													3 HC air samples collected. HC found above detection limits is. Total Other B Hydrocarbons = 0.158 – 0.308 ppm	1 HC air sample collected = Non Detected
12/05/01													4 HC air samples collected HC found above detection limits is: Total Other B Hydrocarbons = 0.054 ppm and Acetone = 0.116 ppm in cafet. Total Other B Hydrocarbons = 0.051 ppm in 2nd Floor Hallway Total Other B Hydrocarbons = 0.051 ppm and Acetone = 0.101 ppm in room 315.	4 HC air sample collected. HC found above detection limit is Acetone = 0.347 ppm
12/5/01													8 Air Sample for metals. The metals that were found above the limits of detection were aluminum, chromium, copper, iron, and magnesium. All of the metals found indoors were also detected outdoors. The indoor concentrations were comparable to or less than the outdoor concentrations.	

PUBLIC SCHOOL 234 M														
	LEAD-IN-DUST-WIPE SAMPLE			MERCURY	PCB's AND CYANIDE	SILICA (RESPIRABLE DUST)		FIBER GLASS AND FUNGAL SPORES	TOXIC ORGANIC COMPOUND (TVOC), AND POLYNUCLEAR AROMATIC HYDROCARBONS (PAHs)		DIOXINS SAMPLES		HYDROCARBONS (HC) AND METALS	
Date	# of Sample	Lead Conc. On Floor (ug/ft^2)	Lead Conc. On Window Sill (ug/ft^2)	Mercury Conc. (mg/m^3)	Concentration	Range of Indoor Conc. (mg/m^3)	Range of Outdoor Conc. (mg/m^3)	Results	Indoor Readings	Outdoor Reading	Indoor Surfaces Range of Conc.	Air Plenum Conc.	Indoor Readings	Outdoor Reading
12/6/01					2 outdoor air samples for Cyanide were collected. Cyanide conc. range from 0.0021 – 0.0022 mg/m^3. 10 air samples (4 indoor/4 outdoors) were collected. No PCB's were found above the limit of detection in any of the samples. 10 indoor wipe samples of PCBs were collected. Results of all samples were below the reporting limit of 2.0 micrograms per sample.				4 air sample of PAHs were collected. PAHs detected were: 1-Methylnapthalene = 0.00021 to 0.00049 mg/m^3, 2-Methylnapthalene = 0.00024 to 0.00052 mg/m^3, Napthalene = 0.00021 to 0.00090 mg/m^3. 10 wipe samples of PAHDs were collected. Results of all samples were below the reporting limit of 5.0 micrograms per sample.	4 air sample of PAHs were collected. PAHs detected was: Napthalene = 0.00021 mg/m^3.	18 wipe samples of dioxins were collected. The concentration on indoor surfaces ranged from 0.00 to 0.41 ng/m^2. 4 indoor air samples for dioxin were collected. Indoor dioxin ranged from 0.0000078 to 0.000028 ng/m^3.	4 outdoor air samples for dioxin were collected. Outdoor dioxin ranged from 0.000028 to 0.00007 ng/m^3.	Detectable levels of eleven metals were found in the samples from 10 interior surfaces (wipe samples).	None collected
12/7/01				8 air samples for mercury were collected. Mercury was not found at levels greater than that found in the blank.										

PUBLIC SCHOOL 234 M														
	LEAD-IN-DUST-WIPE SAMPLE			MERCURY	PCB's AND CYANIDE	SILICA (RESPIRABLE DUST)		FIBER GLASS AND FUNGAL SPORES	TOXIC ORGANIC COMPOUND (TVOC), AND POLYNUCLEAR AROMATIC HYDROCARBONS (PAHs)		DIOXINS SAMPLES		HYDROCARBONS (HC) AND METALS	
Date	# of Sample	Lead Conc. On Floor (ug/ft²)	Lead Conc. On Window Sill (ug/ft²)	Mercury Conc. (mg/m³)	Concentration	Range of Indoor Conc. (mg/m³)	Range of Outdoor Conc. (mg/m³)	Results	Indoor Readings	Outdoor Reading	Indoor Surfaces Range of Conc.	Air Plenum Conc.	Indoor Readings	Outdoor Reading
12/8/01					2 outdoor air samples for Cyanide were collected. Cyanide conc. range from 0.0021 – 0.0022 mg/m³. 10 air samples (4 indoors/4 outdoors) were collected. No PCB's were found above the limit of detection in any of the samples.				4 air sample of PAHs were collected. PAHs detected were: 1-Methylnapthalene = 0.00024 mg/m³, 2-Methylnapthalene = 0.00031 to 0.0037 mg/m³, Napthalene = 0.00021 to 0.00040 mg/m³.	4 air sample of PAHs were collected. PAHs detected was: Napthalene = 0.00024 to 0.00029 mg/m³.			8 Air Sample for metals. The metals that were found above the limits of detection were chromium and copper. All of the metals found indoors were also detected outdoors. The indoor concentrations were comparable to or lower than the outdoor concentrations.	
12/9/01				8 air samples for mercury were collected. Mercury was not found at levels greater than that found in the blank.							4 indoor air samples for dioxin were collected. Indoor dioxin ranged from 0.0000078 to 0.000028 ng/m³.	4 outdoor air samples for dioxin were collected. Outdoor dioxin ranged from 0.000028 to 0.000073 ng/m³.	8 HC (4 indoors/4 outdoors) air sample were collected = None of the HC's in the panel were present above the limits of detection.	
12/11/01					2 outdoor air samples for Cyanide were collected. Cyanide conc. range from				4 air sample of PAHs were collected. PAHs detected were: 1-Methylnapthalene	4 air sample of PAHs were collected. PAHs detected			8 HC (4 indoors/4 outdoors) air sample were collected = None of the HC's in the panel were present above the limits of detection.	

PUBLIC SCHOOL 234 M														
	LEAD-IN-DUST-WIPE SAMPLE			MERCURY	PCB's AND CYANIDE	SILICA (RESPIRABLE DUST)		FIBER GLASS AND FUNGAL SPORES	TOXIC ORGANIC COMPOUND (TVOC), AND POLYNUCLEAR AROMATIC HYDROCARBONS (PAHs)		DIOXINS SAMPLES		HYDROCARBONS (HC) AND METALS	
Date	# of Sample	Lead Conc. On Floor (ug/ft^2)	Lead Conc. On Window Sill (ug/ft^2)	Mercury Conc. (mg/m^3)	Concentration	Range of Indoor Conc. (mg/m^3)	Range of Outdoor Conc. (mg/m^3)	Results	Indoor Readings	Outdoor Reading	Indoor Surfaces Range of Conc.	Air Plenum Conc.	Indoor Readings	Outdoor Reading
					0.0021 – 0.0022 ng/m^3. 8 air samples (4 indoors/4 outdoor) were collected. No PCB's were found above the limit of detection in any of the samples.				= 0.00022 to 0.00029 mg/m^3, 2-Methylnapthalene = 0.00026 to 0.0056 mg/m^3. Napthalene = 0.00028 to 0.00047 mg/m^3.	was: Napthalene = 0.00026 to 0.00032 mg/m^3.			4 air sample for metals were collected. Chromium = 0.180 ug/m^3 Copper = 0.185 – 0.951 ug/m^3	4 air samples for metals were collected. Chromium = 0.198 – 0.207 ug/m^3 Copper = 0.233 ug/m^3
12/12/01				8 air samples for mercury were collected. Mercury was not found at levels greater than that found in the blank.							4 indoor air samples were collected. Indoor dioxin conc. ranged from 0.0000013 to 0.0000035 ng/m^3.	4 outdoor air samples were collected. Outdoor dioxin conc. ranged from 0.000001 4 to 0.000002 2 ng/m^3.		
12/13/01									4 indoor air samples for TVOC were collected. The range of TVOC's found were: Benzene (0.6 to 0.9 ppb), Ethylbenzene (0.3 to 1 ppb), Heptane (0.7 ppb), Tetrachloro ethylene (0.2 – 0.9 ppb), Toluene (0.6 – 2.8 ppb), and Xylenes (1 – 4.7 ppb).	One outdoor air sample was collected. TVOC's found were: Benzene (0.5 ppb) and Toluene (1.0 ppb).				

PUBLIC SCHOOL 234 M														
	LEAD-IN-DUST-WIPE SAMPLE			MERCURY	PCB's AND CYANIDE	SILICA (RESPIRABLE DUST)		FIBER GLASS AND FUNGAL SPORES	TOXIC ORGANIC COMPOUND (TVOC), AND POLYNUCLEAR AROMATIC HYDROCARBONS (PAHs)		DIOXINS SAMPLES		HYDROCARBONS (HC) AND METALS	
Date	# of Sample	Lead Conc. On Floor (ug/ft^2)	Lead Conc. On Window Sill (ug/ft^2)	Mercury Conc. (mg/m^3)	Concentration	Range of Indoor Conc. (mg/m^3)	Range of Outdoor Conc. (mg/m^3)	Results	Indoor Readings	Outdoor Reading	Indoor Surfaces Range of Conc.	Air Plenum Conc.	Indoor Readings	Outdoor Reading
12/18/01								4 air sample for fungal spores were collected. Results: Amplified fungal growth is not occurring in the areas sampled (basement sump pump room, Hallway by B-11, Room 322, and outdoors).						
01/03/02	3	Below Guidance Level (Collected inside the distribution air ducts)												
01/16/02														3 outdoor wipe samples for metals were collected. Eight metals were detected in all three samples

PUBLIC SCHOOL 234 M														
	LEAD-IN-DUST-WIPE SAMPLE			MERCURY	PCB's AND CYANIDE	SILICA (RESPIRABLE DUST)		FIBER GLASS AND FUNGAL SPORES	TOXIC ORGANIC COMPOUND (TVOC), AND POLYNUCLEAR AROMATIC HYDROCARBONS (PAHs)		DIOXINS SAMPLES		HYDROCARBONS (HC) AND METALS	
Date	# of Sample	Lead Conc. On Floor (ug/ft^2)	Lead Conc. On Window Sill (ug/ft^2)	Mercury Conc. (mg/m^3)	Concentration	Range of Indoor Conc. (mg/m^3)	Range of Outdoor Conc. (mg/m^3)	Results	Indoor Readings	Outdoor Reading	Indoor Surfaces Range of Conc.	Air Plenum Conc.	Indoor Readings	Outdoor Reading
01/22/02	7	Below Guidance Level	Below Guidance Level	3 air samples for mercury were collected. Mercury was not detected at levels greater than that detected in the blank.		All of the samples were reported to be below the detection limit for silica except for the sample collected in the cafeteria. The sample was reported to be at the detection limit of 10 micrograms per sample		7 settled dust bulk samples for fiberglass were collected. All 7 samples contain fiberglass fibers ranging from 1 – 27%.					2 indoor air samples of metals collected. Chromium was the only metal that was detected in all of the samples. Blank correcting the samples will lower the Cr concentrations to below the detection limits. 2 air sample of HC were collected. None were detected above the limits of detection for the analyses.	1 indoor air sample of metals collected. Chromium was the only metal that was detected in all of the samples. Blank correcting the samples will lower the Cr concentrations to below the detection limits. 1 air sample of HC were collected. None were detected above the limits of detection for the analyses.
01/23/02					2 wipe samples were collected for PCBs. All samples results were below the reporting limits of 2.0 micrograms per sample.									
01/29/02	7	Below Guidance Level	Below Guidance Level					5 indoor settled dust bulk samples do not contain fiberglass fibers.						

February 7, 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 @
Public School 234 M
292 Greenwich Street
New York, New York 10007
ATC Project No. 15-19125-0279

Dear Mr. Orlan:

At you request, ATC Associates Inc. (ATC) is pleased to provide you with the general summary of results for the wipe and air sampling performed at PS 234 M. 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.

Arnel Javal
Project Manager

Reviewed by:

Andreas C. Andreou
Senior Project Manager

PUBLIC SCHOOL 234 M – RESPIRABLE PARTICULATES CONCENTRATION

Date	Type of sampling	No. of readings	Number of Indoor readings >40 to ≤65 µg/m³ (24 hrs average)	Number of Indoor readings >65 µg/m³ (24 hrs average)	Range of Indoor respirable particulates concentration (µg/m³)	Average indoor respirable particulates concentration (µg/m³)	Range of outdoor respirable particulates concentration (µg/m³)	Average outdoor respirable particulates concentration (µg/m³)
11/29/01	Direct Readings	61	41	0	32 - 59	43	62 and 65	64
11/30/01	Direct Readings	56	21	35	48 - 110	71	95 and 100	100
12/01/01	Direct Readings	61	0	0	24 - 38	30	16 and 18	17
12/02/01	Direct Readings	57	25	0	30 - 65	44	46 and 57	52
12/08/01 – 12/09/01	24-hours data				21 - 62	30	10 - 132	25
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12/11/01	Direct Readings	24	3	0	18 – 55	36	45 – 61	58
12/12/01	Direct Readings	16	2	0	23 – 44	35	46 – 66	52
01/15/02	Direct Readings (outdoor samples)	2					20 and 23	22
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01/29/02	Direct Readings	60	37	2	33 - 70	48	38 - 69	56
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01/31/02	Direct Readings	60	0	0	18 - 40	29	20 - 40	33
02/01/02	Direct Readings	60	11	0	19 - 60	35	53 – 90	64
02/04/02	Direct Readings	60	0	0	10 - 27	16	24 - 37	32
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PUBLIC SCHOOL 234 M														
	LEAD-IN-DUST-WIPE SAMPLE			MERCURY	PCB's AND CYANIDE	SILICA (RESPIRABLE DUST)		FIBER GLASS AND FUNGAL SPORES	TOXIC ORGANIC COMPOUND (TVOC), AND POLYNUCLEAR AROMATIC HYDROCARBONS (PAHs)		DIOXINS SAMPLES		HYDROCARBONS (HC) AND METALS	
Date	# of Sample	Lead Conc. On Floor (ug/ft^2)	Lead Conc. On Window Sill (ug/ft^2)	Mercury Conc. (ug/m^3)	Concentration	Range of Indoor Conc. (mg/m^3)	Range of Outdoor Conc. (mg/m^3)	Results	Indoor Readings	Outdoor Reading	Indoor Surfaces Range of Conc.	Air Plenum Conc.	Indoor Readings	Outdoor Reading
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11/30/01													3 HC air samples collected. HC found above detection limits are: Total Other B Hydrocarbons = 0.28 - 5 ppm. Tetrachloroethylene = 0.036 ppm. Ethlybenzene = 0.061 ppm Xylenes = 0.294 ppm	1 HC air sample collected = Non Detected
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	LEAD-IN-DUST-WIPE SAMPLE			MERCURY	PCB's AND CYANIDE	SILICA (RESPIRABLE DUST)		FIBER GLASS AND FUNGAL SPORES	TOXIC ORGANIC COMPOUND (TVOC), AND POLYNUCLEAR AROMATIC HYDROCARBONS (PAHs)		DIOXINS SAMPLES		HYDROCARBONS (HC) AND METALS	
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12/5/01													B Air Sample for metals. The metals that were found above the limits of detection were aluminum, chromium, copper, iron, and magnesium. All of the metals found indoors were also detected outdoors. The indoor concentrations were comparable to or less than the outdoor concentrations.	

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12/6/01					2 outdoor air samples for Cyanide were collected. Cyanide conc. range from 0.0021 – 0.0022 mg/m^3. 10 air samples (4 indoor/4 outdoors) were collected. No PCB's were found above the limit of detection in any of the samples. 10 indoor wipe samples of PCBs were collected. Results of all samples were below the reporting limit of 2.0 micrograms per sample.				4 air sample of PAHs were collected. PAHs detected were: 1-Methylnapthalene = 0.00021 to 0.00049 mg/m^3, 2-Methylnapthalene = 0.00024 to 0.00092 mg/m^3, Napthalene = 0.00021 to 0.00090 mg/m^3. 10 wipe samples of PAHDs were collected. Results of all samples were below the reporting limit of 5.0 micrograms per sample.	4 air sample of PAHs were collected. PAHs detected was: Napthalene = 0.00021 mg/m^3.	10 wipe samples of dioxins were collected. The concentration on indoor surfaces ranged from 0.00 to 0.41 ng/m^3. 4 indoor air samples for dioxin were collected. Indoor dioxin ranged from 0.0000078 to 0.000028 ng/m^3.	4 outdoor air samples for dioxin were collected. Outdoor dioxin ranged from 0.000028 to 0.00007 ng/m^3.	Detectable levels of eleven metals were found in the samples from 10 interior surfaces (wipe samples).	None collected
12/07/01				8 air samples for mercury were collected. Mercury was not found at levels greater than that found in the blank.										

PUBLIC SCHOOL 234 M													
	LEAD-IN-DUST-WIPE SAMPLE			MERCURY	PCB's AND CYANIDE	SILICA (RESPIRABLE DUST)		FIBER GLASS AND FUNGAL SPORES	TOXIC ORGANIC COMPOUND (TVOC), AND POLYNUCLEAR AROMATIC HYDROCARBONS (PAHs)		DIOXINS SAMPLES		HYDROCARBONS (HC) AND METALS	
Date	# of Sample	Lead Conc. On Floor (ug/ft^2)	Lead Conc. On Window Sill (ug/ft^2)	Mercury Conc. (mg/m^3)	Concentration	Range of Indoor Conc. (mg/m^3)	Range of Outdoor Conc. (mg/m^3)	Results	Indoor Readings	Outdoor Reading	Indoor Surfaces Range of Conc.	Air Plenum Conc.	Indoor Readings	Outdoor Reading
12/6/01					2 outdoor air samples for Cyanide were collected. Cyanide conc. range from 0.0021 – 0.0022 mg/m^3. 10 air samples (4 indoors/4 outdoors) were collected. No PCB's were found above the limit of detection in any of the samples.				4 air sample of PAHs were collected. PAHs detected were: 1-Methylnaphthalene = 0.00024 mg/m^3. 2-Methylnaphthalene = 0.00031 to 0.0037 mg/m^3. Napthalene = 0.00021 to 0.00040 mg/m^3.	4 air sample of PAHs were collected. PAHs detected was: Napthalene = 0.00024 to 0.00029 mg/m^3.			8 Air Sample for metals. The metals that were found above the limits of detection were chromium and copper. All of the metals found indoors were also detected outdoors. The indoor concentrations were comparable to or lower than the outdoor concentrations.	
12/8/01				8 air samples for mercury were collected. Mercury was not found at levels greater than that found in the blank.							4 indoor air samples for dioxin were collected. Indoor dioxin ranged from 0.0000078 to 0.000028 ng/m^3.	4 outdoor air samples for dioxin were collected. Outdoor dioxin ranged from 0.000028 to 0.000073 ng/m^3.	8 HC (4 indoors/4 outdoors) air sample were collected = None of the HC's in the panel were present above the limits of detection.	
12/11/01					2 outdoor air samples for Cyanide were collected. Cyanide conc. range from				4 air sample of PAHs were collected. PAHs detected were: 1-Methylnaphthalene	4 air sample of PAHs were collected. PAHs detected			8 HC (4 indoors/4 outdoors) air sample were collected = None of the HC's in the panel were present above the limits of detection.	

PUBLIC SCHOOL 234 M

	LEAD-IN-DUST-WIPE SAMPLE			MERCURY	PCB's AND CYANIDE	SILICA (RESPIRABLE DUST)		FIBER GLASS AND FUNGAL SPORES	TOXIC ORGANIC COMPOUND (TVOC), AND POLYNUCLEAR AROMATIC HYDROCARBONS (PAHs)		DIOXINS SAMPLES		HYDROCARBONS (HC) AND METALS	
Date	# of Sample	Lead Conc. On Floor (ug/ft²)	Lead Conc. On Window Sill (ug/ft²)	Mercury Conc. (mg/m³)	Concentration	Range of Indoor Conc. (mg/m³)	Range of Outdoor Conc. (mg/m³)	Results	Indoor Readings	Outdoor Reading	Indoor Surfaces Range of Conc.	Air Plenum Conc.	Indoor Readings	Outdoor Reading
					0.0021 – 0.0022 ng/m³. 8 air samples (4 indoors/4 outdoor) were collected. No PCB's were found above the limit of detection in any of the samples				= 0.00822 to 0.00029 mg/m³, 2-Methylnapthalene = 0.00826 to 0.0036 mg/m³, Naphalene = 0.00823 to 0.00847 mg/m³.	was: Naphalene = 0.00026 to 0.0032 mg/m³.			4 air samples for metals were collected. Chromium = 0.180 ug/m³ Copper = 0.185 – 0.951 ug/m³	4 air samples for metals were collected. Chromium = 0.198 – 0.207 ug/m³ Copper = 0.233 ug/m³
12/12/01				8 air samples for mercury were collected. Mercury was not found at levels greater than that found in the blank.							4 indoor air samples were collected. Indoor dioxin conc. ranged from 0.00000013 to 0.00000035 ng/m³.	4 outdoor air samples were collected. Outdoor dioxin conc. ranged from 0.0000001 4 to 0.0000002 2 ng/m³.		
12/13/01									4 indoor air samples for TVOC were collected. The range of TVOC's found were: Benzene (0.6 to 0.9 ppb), Ethylbenzene (0.3 to 1 ppb), Heptane (0.7 ppb), Tetrachloroethylene (0.2 – 0.9 ppb), Toluene (0.6 – 2.8 ppb), and Xylenes (1 – 4.7 ppb).	One outdoor air sample was collected. TVOC's found were: Benzene (0.5 ppb) and Toluene (1.0 ppb).				

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Date	# of Sample	Lead Conc. On Floor (ug/ft²)	Lead Conc. On Window Sill (ug/ft²)	Mercury Conc. (mg/m³)	Concentration	Range of Indoor Conc. (mg/m³)	Range of Outdoor Conc. (mg/m³)	Results	Indoor Readings	Outdoor Reading	Indoor Surfaces Range of Conc.	Air Plenum Conc.	Indoor Readings	Outdoor Reading	
12/18/01								4 air sample for Fungal spores were collected. Results: Amplified fungal growth is not occurring in the areas sampled (basement sump pump room, Hallway by B-11, Room 322, and outdoors).							
01/03/02	3	Below Guidance Level (Collected inside the distribution air ducts)													
01/16/02															3 outdoor wipe samples for metals were collected. Eight metals were detected in all three samples

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Date	# of Sample	Lead Conc. On Floor (ug/ft^2)	Lead Conc. On Window Sill (ug/ft^2)	Mercury Conc. (mg/m^3)	Concentration	Range of Indoor Conc. (mg/m^3)	Range of Outdoor Conc. (mg/m^3)	Results	Indoor Readings	Outdoor Reading	Indoor Surfaces Range of Conc.	Air Plenum Conc.	Indoor Readings	Outdoor Reading
01/22/02	7	Below Guidance Level	Below Guidance Level	3 air samples for mercury were collected Mercury was not detected at levels greater than that detected in the blank.		All of the samples were reported to be below the detection limit for silica except for the sample collected in the cafeteria The sample was reported to be at the detection limit of 10 micrograms per sample		7 settled dust bulk samples for fiberglass were collected. All 7 samples contain fiberglass fibers ranging from 1 – 27%.					2 indoor air samples of metals collected Chromium was the only metal that was detected in all of the samples. Blank correcting the samples will lower the Cr concentrations to below the detection limits 2 air sample of HC were collected. None were detected above the limits of detection for the analyses.	1 indoor air sample of metals collected. Chromium was the only metal that was detected in all of the samples Blank correcting the samples will lower the Cr concentrations to below the detection limits. 1 air sample of HC were collected. None were detected above the limits of detection for the analyses.
01/23/02					2 wipe samples were collected for PCBs All samples results were below the reporting limits of 2.0 micrograms per sample.									
01/29/02	7	Below Guidance Level	Below Guidance Level					5 indoor settled dust bulk samples do not contain fiberglass fibers.						