

**SUMMARY OF THE SCHEDULE FOR CLEANING OF STUYVESANT HIGH SCHOOL  
(UPDATED AS OF AUGUST 14, 2002)**

**UNIT VENTILATORS / AIR HANDLERS / CENTRAL HVAC DUCTS**

<b>Floor</b>	<b>Removal/ Cleaning of Unit Ventilators</b>	<b>Test/Inspect Unit Ventilators</b>	<b>Cleaning of Central HVAC System Ductwork</b>	<b>Cleaning of Air Handlers</b>	<b>General Room Cleaning/ Reinstall Unit Ventilators</b>	<b>Room Inspections/ Wipe Testing</b>	<b>Aggressive Air Testing</b>
<b>11</b>	N/A	N/A	N/A	July 15-18	N/A	N/A	N/A
<b>10</b>	July 15-17	July 18	July 18-22	N/A	July 23-28	July 29-30	August 18
<b>9</b>	July 16-18	July 19	July 19-23	N/A	July 24-29	July 30-31	August 18
<b>8</b>	July 17-19	July 20	July 23-27	July 15-22	July 28-Aug 2	Aug 3-4	August 18
<b>7</b>	July 18-20	July 21	July 23-28	July 17-20	July 29-Aug 3	Aug 2-5	August 18
<b>6</b>	July 19-21	July 22	July 27-Aug 1	July 19-24	Aug 2-7	Aug 8-9	August 18
<b>5</b>	July 20-22	July 23	July 26-Aug 4	N/A	Aug 5-10	Aug 11-12	August 18
<b>4</b>	July 21-23	July 24	July 31-Aug 6	July 19-26	Aug 7-12	Aug 13-14	August 18
<b>3</b>	July 22-24	July 25	July 30-Aug 9	N/A	Aug 10-15	Aug 16-17	August 18
<b>2</b>	July 23-24	July 26	Aug 6-11	N/A	Aug 12-17	Aug 18-19	August 25
<b>1</b>	July 24-26	July 27	Aug 5-16	July 19-26	Aug 17-22	Aug 23-24	August 25
<b>Basement</b>	N/A	N/A	N/A	July 21-28	N/A	N/A	N/A

Blue – Completed  
Yellow – In Progress

**Other Activities:**

Carpet Replacement: Two carpet samples from the auditorium were submitted for ultrasonication analysis for asbestos at EMSL Analytical. Results indicated 60,000 and 2.4 million asbestos structures per sq. cm. in the two samples. Request for replacement or testing of upholstered seats in auditorium and upholstery elsewhere in the school has been made to the Board of Education; response has not yet been received.

**STATUS OF CLEANING OF UNIT VENTILATORS AT STUYVESANT HIGH SCHOOL  
(UPDATED AS OF AUGUST 14, 2002)**

<b>Floor</b>	<b>Total Number of Units</b>	<b>Number of Units Cleaned</b>	<b>Number of Units with Post-Cleaning Inspections Completed</b>	<b>Number of Units that Passed Wipe Sampling<sup>1</sup> (Range of Lead Conc. in Passing Samples in ug/ft<sup>2</sup>)</b>	<b>Number of Units Reassembled</b>	<b>Number of Units Reinstalled</b>	<b>All Room Cleaning Completed</b>	<b>Post-Cleaning Room Inspections Completed</b>	<b>Passing Wipe Samples for Lead in All Rooms on Floor?<sup>2</sup> (Range of Lead Conc. in Passing Samples in ug/ft<sup>2</sup>)</b>	<b>Final Inspection Entire Floor Completed</b>
<b>10</b>	FM: 30	30	30	30 (<9 – 19.1) <b>a</b>	30	30	Yes	Yes	Yes ( <9.0 – 11.3) <b>b</b>	Yes
	CM: 2	2	2	2 (<9.0)	2	2				
<b>9</b>	FM: 33	33	33	33 (<9.0 – 18) <b>c</b>	33	33	Yes	Yes	Yes (<9.0 – 12.2)	Yes
	CM: 4	4	4	4 (<9.0)	4	4				
<b>8</b>	FM: 35	35	35	35 (<9.0 – 12.2)	35	35	Yes	Yes	Yes (<9.0-18.0)	Yes
	CM: 3	3	3	3 (<9.0) <b>e</b>	3	3				
<b>7</b>	FM: 36	36	36	36 (<9.0 – 16.0)	36	36	Yes	Yes	Yes (<9.0-12.0)	Yes
	CM: 0	--								
<b>6</b>	FM: 33	33	33	33 (<9.0 – 18.3) <b>f</b>	33	33	Yes	Yes	Yes (<9.0-14.0)	
	CM: 5	5	5	5 (<9.0- 11.8)	5	5				
<b>5</b>	FM: 17	17	17	17 <b>g</b> (<9.0 – 15.1)	17	17	IP			
	CM: 2	2	2	2 (<9.0 - <10.0)	2	2				
<b>4</b>	FM: 35	35	35	35 <b>h</b> (<9.0 – 14.6)	35	35	IP			
	CM: 4	4	4	4 (<9.0)	4	4				

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<b>3</b>	FM: 28	28	28	28 <b>i</b> (<9.0-13.8)	28	28	IP			
	CM: 7	7	7	7 (<10.0-11.0)	7	7				
<b>2</b>	FM: 17	17	17	17 <b>j</b> (<9.0-9.6)	17	17				
	CM: 7	7	7	7 (<9.0)	IP	IP				
<b>1</b>	FM: 0	--	--	--						
	CM: 7	7	7	7 (<10.0-12.0)	IP	IP				

FM = Floor-mounted unit ventilators

CM = Ceiling-mounted unit ventilators

IP = In Progress

<sup>1</sup> One surface wipe sample for analysis of lead is collected from each unit ventilator. If the lead concentration is below a screening level of 20 micrograms per square foot,

<sup>2</sup> Two surface wipe sample for analysis of lead are collected from horizontal surfaces in each room. If the lead concentration is below a screening level of 20 micrograms per square foot,

**a** Three unit ventilators on the 10<sup>th</sup> floor contained between 22.3 and 26.2 ug/sq. ft. of lead after initial cleaning. Units were re-cleaned and retested and were all less than 20 ug/sq. ft. of lead.

**b** One floor sample from the 10<sup>th</sup> floor contained 23.4 ug/sq. ft. of lead. The area was re-cleaned and re-sampled and found to contain less than 20 ug/sq.ft of lead.

**c** Four unit ventilators on the 9<sup>th</sup> floor contained between 22.3 and 90.3 ug/sq.ft. of lead after initial cleaning. Units were re-cleaned and re-tested and found to contain less than 20 ug/sq. ft. of lead.

**e** Three ceiling unit ventilators on the 9<sup>th</sup> floor contained between 30.5 and 35.5 ug/sq.ft. of lead after initial cleaning. Units were re-cleaned re-tested and were found to contain less than 20 ug/sq. ft. of lead.

**f** Three unit ventilators on the 6<sup>th</sup> floor contained between 24.4 and 30.1 ug/sq.ft. of lead after initial cleaning. Units were re-cleaned and re-tested and found to contain less than 20 ug/sq. ft. of lead.

**g** Four unit ventilators on the 5<sup>th</sup> floor contained between 20.3 and 32.5 ug/sq.ft. of lead after initial cleaning. Units were re-cleaned and re-tested and found to contain less than 20 ug/sq. ft. of lead.

**h** Two unit ventilators on the 4<sup>th</sup> floor contained 23.4 and 26.5 ug/sq.ft. of lead after initial cleaning. Units were re-cleaned and re-tested and found to contain less than 20 ug/sq. ft. of lead.

**i** One unit ventilator on the 3<sup>rd</sup> floor contained 38.8 ug/sq. ft. of lead after initial cleaning. Unit was re-cleaned and re-tested and found to contain below 20 ug./sq. ft. of lead.

**j** One unit ventilator on the 2<sup>nd</sup> floor contained 20.1 ug/sq. ft. of lead after initial cleaning. Unit was re-cleaned and re-tested and found to contain below 20 ug./sq. ft. of lead.

**STATUS OF CLEANING OF CENTRAL HVAC SYSTEMS AT STUYVESANT HIGH SCHOOL  
(UPDATED AS OF AUGUST 14, 2002)**

Floor	Air Handling Units			HVAC System Ductwork		
	Number of AHUs	Number of AHUs Cleaned	Number of AHUs that Passed Wipe Testing Sampling <sup>a</sup> (Range of Lead Conc. in ug/ft <sup>2</sup> )	Ductwork Cleaning Completed	Number of Duct Wipe Samples Collected/Number of Samples that Passed <sup>b</sup> (Range of Lead Conc. in Passing Samples in ug/ft <sup>2</sup> )	Aggressive Air Monitoring Completed
11	2	2	2 (7.6 - <9.0)			
10	0	--	--	Yes	13/13 (<4.5 – 37.4)	
9	0	--	--	Yes	4/4 (<9.0) e	
8	4	4	Yes (<9.0)	Yes	8/6 (<9.0 – 26.7) c	
7	1	1	Yes e	Yes	8/6 (<9.0 – 21.6) d	
6	2	2	2 (<9.0-<10.0)	Yes	4/4 (<9.0 – 17.2) e	
5	0	--	--	Yes	4/4 (<9.0) e	
4	2	2	2 (<10.0)	Yes	4/4 (<10.0-14.0) e	

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<b>3</b>	0	--	--	Yes	6/6 (<9.0)	
<b>2</b>	2	2	2 (<10.0)	IP		
<b>1</b>	1	0		IP		
<b>B</b>	1	0				

IP = In Progress

<sup>a</sup> One surface wipe sample for analysis of lead is collected from the supply damper and one sample from the return damper in each AHU. If the lead concentration is below a screening level of 20 micrograms per square foot, the unit passes.

<sup>b</sup> A minimum of three surface wipe sample for analysis of lead are collected from supply ducts and three wipe samples from return ducts on each floor. If the lead concentration is below a screening level of 40 micrograms per square foot, the ducts pass.

<sup>c</sup> Two duct samples were found to contain lead at 85.3 and 145.7 ug/sq.ft. Areas were re-cleaned and re-tested and found to be below 40 ug/sq.ft. for lead.

<sup>d</sup> Two duct samples were found to contain lead at 49.3 and 677.6 ug/sq.ft. Areas were re-cleaned and re-tested and found to be below 40 ug/sq.ft. for lead.

<sup>e</sup> Awaiting additional data from SCA.