

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 1 of 12TIME 8:00LOCATION Stuyvesant H.S. (M477) DATE 3-13-02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
<i>Outside</i>		<i>53.4</i>	<i>56.8</i>	<i>503</i>	<i>1</i>	<i>21</i>	<i>0.2</i>
<i>1st floor Hallway, North</i>	<i>3</i>	<i>70.1</i>	<i>32.5</i>	<i>457</i>	<i>1</i>	<i>14</i>	<i>0.1</i>
<i>Auditorium</i>		<i>70.5</i>	<i>30.1</i>	<i>518</i>	<i>1</i>	<i>19</i>	<i>0.1</i>
<i>1st fl. lobby</i>	<i>10</i>	<i>69.8</i>	<i>33.7</i>	<i>531</i>	<i>0</i>	<i>15</i>	<i>0.0</i>
<i>125</i>	<i>30</i>	<i>71.2</i>	<i>35.1</i>	<i>786</i>	<i>0</i>	<i>14</i>	<i>0.0</i>
<i>129</i>	<i>30</i>	<i>71.0</i>	<i>36.3</i>	<i>885</i>	<i>0</i>	<i>16</i>	<i>0.0</i>
<i>132</i>	<i>3</i>	<i>71.6</i>	<i>35.4</i>	<i>667</i>	<i>0</i>	<i>12</i>	<i>0.0</i>
<i>133</i>	<i>10</i>	<i>69.7</i>	<i>31.2</i>	<i>685</i>	<i>0</i>	<i>13</i>	<i>0.0</i>
<i>Hallway by 133</i>	<i>4</i>	<i>70.4</i>	<i>30.3</i>	<i>675</i>	<i>0</i>	<i>11</i>	<i>0.0</i>
<i>Stair West side</i>		<i>70.1</i>	<i>30.0</i>	<i>504</i>	<i>0</i>	<i>6</i>	<i>0.0</i>
Guideline levels ASHRAE/AHIA/EPA		68-75°F/winter 73-79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m ³ 24-hour average	1 ppm

Comments: _____

The assessed location(s) () Does () Does not meet established indoor air quality guidelines.

Signature: _____

*H. Aubrey*Date: 3-13-02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 2 of 12

TIME 8:30

LOCATION Stuyvesant H.S (M477) DATE 3-13-02 PROJECT NO. 19125-0246

Location	Occup.	Temperature ("F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m ³)	TVOCs (ppm)
<i>2nd fl. lobby</i>	<i>4</i>	<i>68.9</i>	<i>33.6</i>	<i>511</i>	<i>0</i>	<i>15</i>	<i>0.0</i>
<i>213 m. office</i>	<i>1</i>	<i>71.5</i>	<i>30.1</i>	<i>575</i>	<i>0</i>	<i>7</i>	<i>0.0</i>
<i>211 G. office</i>	<i>5</i>	<i>72.3</i>	<i>37.8</i>	<i>722</i>	<i>0</i>	<i>8</i>	<i>0.0</i>
<i>260</i>	<i>2</i>	<i>69.5</i>	<i>32.0</i>	<i>541</i>	<i>0</i>	<i>16</i>	<i>0.0</i>
<i>229</i>	<i>30</i>	<i>71.5</i>	<i>35.8</i>	<i>869</i>	<i>0</i>	<i>14</i>	<i>0.0</i>
<i>231</i>	<i>30</i>	<i>72.1</i>	<i>36.7</i>	<i>905</i>	<i>0</i>	<i>12</i>	<i>0.0</i>
<i>233</i>	<i>30</i>	<i>70.6</i>	<i>34.9</i>	<i>976</i>	<i>0</i>	<i>14</i>	<i>0.0</i>
<i>235</i>	<i>25</i>	<i>71.8</i>	<i>34.2</i>	<i>914</i>	<i>0</i>	<i>15</i>	<i>0.0</i>
<i>236 Gd. office</i>	<i>5</i>	<i>72.1</i>	<i>37.5</i>	<i>705</i>	<i>0</i>	<i>8</i>	<i>0.0</i>
<i>237</i>	<i>30</i>	<i>72.5</i>	<i>36.5</i>	<i>965</i>	<i>0</i>	<i>10</i>	<i>0.0</i>
Guideline levels ASHRAE/AIHA/EPA		68 - 75°F/winter 73 - 79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m ³ 24-hour average	1 ppm

Comments: _____

The assessed location(s) () Does () Does not meet established indoor air quality guidelines.

Signature: *A. Ambrose* Date: 3-13-02

CITY_21MC100_003061444

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 3 of 12TIME 8:50LOCATION Stuyvesant H.S. (M477) DATE 3-13-02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
<u>3rd fl. Hallway</u>	<u>3</u>	<u>70.5</u>	<u>31.4</u>	<u>610</u>	<u>0</u>	<u>9</u>	<u>0.0</u>
<u>3rd fl. Gym</u>		<u>69.8</u>	<u>33.6</u>	<u>598</u>	<u>0</u>	<u>17</u>	<u>0.0</u>
<u>303</u>	<u>30</u>	<u>70.0</u>	<u>36.5</u>	<u>1026</u>	<u>0</u>	<u>15</u>	<u>0.0</u>
<u>305</u>	<u>30</u>	<u>70.2</u>	<u>35.8</u>	<u>1033</u>	<u>0</u>	<u>13</u>	<u>0.0</u>
<u>307</u>	<u>30</u>	<u>71.3</u>	<u>36.1</u>	<u>1008</u>	<u>0</u>	<u>14</u>	<u>0.0</u>
<u>313</u>	<u>30</u>	<u>70.9</u>	<u>37.4</u>	<u>1047</u>	<u>0</u>	<u>11</u>	<u>0.0</u>
<u>315</u>	<u>30</u>	<u>71.5</u>	<u>36.8</u>	<u>1040</u>	<u>0</u>	<u>12</u>	<u>0.0</u>
<u>327</u>	<u>25</u>	<u>70.1</u>	<u>34.3</u>	<u>1032</u>	<u>0</u>	<u>15</u>	<u>0.0</u>
<u>329</u>	<u>30</u>	<u>71.8</u>	<u>37.6</u>	<u>1057</u>	<u>0</u>	<u>14</u>	<u>0.0</u>
<u>333</u>	<u>25</u>	<u>72.6</u>	<u>30.0</u>	<u>1046</u>	<u>0</u>	<u>13</u>	<u>0.0</u>
Guideline levels ASHRAE/AHIA/EPA		68-75°F/winter 73-79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m ³ 24-hour average	1 ppm

Comments: _____

The assessed location(s) ☐ Does ☐ Does not meet established indoor air quality guidelines.

Signature: _____

H. AndersonDate: 3-13-02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 9:15

LOCATION Stuyvesant H.S. (M477) DATE 3-13-02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
335	30	72.1	37.4	1122	0	14	0.0
336 Ph. office	2	72.6	33.6	603	0	20	0.0
337	30	71.8	36.5	1098	0	18	0.0
338 Ph. lab		72.3	30.1	597	0	22	0.1
339	5	71.6	32.8	996	0	12	0.0
350	1	69.6	36.8	897	0	24	0.0
351	2	68.8	38.4	890	0	23	0.0
4th fl. Hallway	20	70.2	31.6	626	0	16	0.0
401	15	72.4	32.4	995	0	12	0.0
402 office	1	72.2	31.2	674	0	13	0.0
Guideline levels ASHRAE/AIAA/EPA		68-75°F/winter 73-79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m ³ 24-hour average	1 ppm

Comments:

The assessed location(s) () Does () Does not meet established indoor air quality guidelines.

Signature: H. H. H. H. Date: 3-13-02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 5 of 12TIME 9:40LOCATION Stuyvesant H.S (M477) DATE 3-13-02 PROJECT NO. 19/25-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m ³)	TVOCs (ppm)
403	30	71.4	36.2	1163	0	12	0.0
404	25	69.8	35.1	1100	0	11	0.0
405	30	70.1	34.8	1096	0	10	0.0
407	25	69.6	33.9	1067	0	13	0.0
411	30	70.0	36.2	1088	0	11	0.0
413	30	71.2	31.0	1135	0	13	0.0
427	25	70.3	29.9	1076	0	10	0.0
429	30	71.4	32.8	1143	0	15	0.0
431	30	70.6	31.6	1167	0	14	0.0
433	30	70.8	32.9	1135	0	12	0.0
Guideline levels ASHRAE/AHIA/EPA		68 -75°F/winter 73 -79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m ³ 24-hour average	1 ppm

Comments: _____

The assessed location(s) () Does () Does not meet established indoor air quality guidelines.

Signature: H. Ambler Date: 3-13-02

CITY_21MC100_003061447

ATC ASSOCIATES, INC.

Page 6 of 12

TIME 10:05

INDOOR AIR QUALITY FIELD REPORT

LOCATION Stuyvesant H.S (M477) DATE 3-13-02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
435	30	70.2	35.4	1167	0	12	0.0
436	25	72.4	30.1	1120	0	17	0.0
437	30	69.6	29.6	1185	0	10	0.0
439	30	70.8	30.3	1165	0	15	0.0
440	30	71.4	34.5	1144	0	17	0.0
5th fl. Hallway	30	71.6	29.8	972	0	16	0.0
Cafeteria	50	74.2	32.8	1064	0	16	0.0
503	2	71.5	34.6	875	0	14	0.0
505		70.8	30.7	833	0	12	0.0
507		69.7	31.9	801	0	11	0.0
Guideline levels ASHRAE/AHIA/EPA		68 - 75°F/winter 73 - 79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m ³ 24-hour average	1 ppm

Comments: _____

The assessed location(s) ☐ Does ☐ Does not meet established indoor air quality guidelines.Signature: H. Anderson Date: 3-13-02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 7 of 12TIME 10:30LOCATION Stuyvesant H.S (M4TH) DATE 3-13-02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m ³)	TVOCs (ppm)
511	20	72.4	36.2	1002	0	14	0.0
513	30	71.8	35.8	1045	0	12	0.0
525	20	70.9	33.6	970	0	16	0.0
6th fl. Hallway	6	71.2	31.8	803	0	12	0.0
6th fl. Gym	30	73.8	38.1	1185	0	18	0.0
601 office	1	73.1	32.2	807	0	12	0.0
615 library	10	74.2	30.0	867	0	19	0.0
627	25	71.4	32.7	907	0	16	0.0
629	30	72.6	35.9	967	0	18	0.0
635	25	70.8	32.6	1023	0	15	0.0
Guideline levels ASHRAE/AHIA/EPA		68-75°F/winter 73-79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m ³ 24-hour average	1 ppm

Comments: _____

The assessed location(s) () Does () Does not meet established indoor air quality guidelines.

Signature: H. Ando Date: 3-13-02

CITY_21MC100_003061449

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 8 of 12

TIME 10:30

LOCATION Stuyvesant H.S (M477) DATE 3-13-02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
636	30	68.2	35.6	1075	0	18	0.1
638	25	69.4	37.1	1060	0	16	0.0
639	30	70.5	36.2	1183	0	12	0.0
640	30	67.8	34.8	1096	0	15	0.0
Stair West side 7th floor Hallway		70.1	29.8	628	0	10	0.0
	6	71.2	29.6	775	0	13	0.0
	1	73.5	33.4	851	0	10	0.0
		73.1	32.8	765	0	13	0.0
701 office		73.2	34.6	749	1	16	0.1
702 office		72.4	35.7	796	0	11	0.0
703 lab							
704 office							
Guideline levels ASHRAE/AIHA/EPA		68-75°F/winter 73-79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m ³ 24-hour average	1 ppm

Comments: _____

The assessed location(s) () Does () Does not meet established indoor air quality guidelines.

Signature: H. Anderson Date: 3-13-02

CITY_21MC100_003061450

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 9 of 12

TIME 11:20

LOCATION Stuyvesant H.S (M477) DATE 3-13-02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
715	30	72.5	35.6	1003	0	17	0.0
717	30	72.1	34.3	1031	0	13	0.0
726 S.R	7	69.8	31.4	696	0	16	0.0
727 lab	5	73.2	30.8	726	0	19	0.0
736	25	71.6	32.6	896	0	15	0.0
737	30	69.9	36.2	975	0	14	0.0
738	30	70.8	37.1	1075	0	15	0.0
739	30	71.6	35.8	1045	0	17	0.0
740	30	70.1	34.6	1022	0	14	0.0
Stair West side		70.3	30.2	603	0	11	0.0
Guideline levels ASHRAE/AHIA/EPA		68-75°F/winter 73-79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m ³ 24-hour average	1 ppm

Comments: _____

The assessed location(s) ☐ Does ☐ Does not meet established indoor air quality guidelines.

Signature: H. H. H. Date: 3-13-02

CITY_21MC100_003061451

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 10 of 12TIME 11:45LOCATION Stuyvesant H.S. (M47F) DATE 3-13-02 PROJECT NO. 19125-0246

Location	Occup.	Temperature ("F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m ³)	TVOCs (ppm)
<u>8th fl. Hallway</u>	<u>5</u>	<u>70.2</u>	<u>28.9</u>	<u>603</u>	<u>0</u>	<u>14</u>	<u>0.0</u>
<u>801 office</u>	<u>1</u>	<u>73.4</u>	<u>29.1</u>	<u>738</u>	<u>0</u>	<u>13</u>	<u>0.0</u>
<u>807 F. lab</u>		<u>73.1</u>	<u>27.6</u>	<u>765</u>	<u>0</u>	<u>16</u>	<u>0.1</u>
<u>804</u>	<u>25</u>	<u>72.6</u>	<u>32.7</u>	<u>1003</u>	<u>0</u>	<u>21</u>	<u>0.0</u>
<u>826 s. d.</u>	<u>10</u>	<u>70.0</u>	<u>29.8</u>	<u>857</u>	<u>0</u>	<u>19</u>	<u>0.0</u>
<u>827 G. L.</u>		<u>74.3</u>	<u>30.0</u>	<u>740</u>	<u>0</u>	<u>20</u>	<u>0.1</u>
<u>835</u>	<u>30</u>	<u>72.6</u>	<u>35.6</u>	<u>985</u>	<u>0</u>	<u>16</u>	<u>0.0</u>
<u>836</u>	<u>25</u>	<u>70.1</u>	<u>33.4</u>	<u>964</u>	<u>0</u>	<u>19</u>	<u>0.0</u>
<u>840</u>	<u>30</u>	<u>70.8</u>	<u>35.8</u>	<u>1036</u>	<u>0</u>	<u>15</u>	<u>0.0</u>
<u>Stair West side</u>	<u>2</u>	<u>69.8</u>	<u>29.5</u>	<u>615</u>	<u>0</u>	<u>12</u>	<u>0.0</u>
Guideline levels ASHRAE/AIHA/EPA		68 -75°F/winter 73 -79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m ³ 24-hour average	1 ppm

Comments: _____

The assessed location(s) () Does () Does not meet established indoor air quality guidelines.

Signature: H. A. Seng Date: 3-13-02

CITY_21MC100_003061452

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

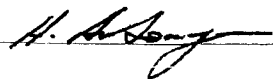
Page 11 of 12TIME 12:10LOCATION Stuyvesant H.S. (M477) DATE 3-13-02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
9th Fl. Hallway	10	72.5	28.7	687	0	12	0.0
901 office	1	73.6	32.6	725	0	10	0.0
902	30	72.9	34.7	992	0	14	0.0
925 lab		70.8	28.5	726	0	13	0.0
926 s. A	6	70.2	31.6	850	0	15	0.0
935	30	71.6	36.7	985	0	17	0.0
936	25	68.3	35.9	973	0	16	0.0
938 s. R.	10	69.7	33.2	804	0	13	0.0
939	30	72.5	36.7	1005	0	18	0.0
940	30	67.9	37.2	1015	0	20	0.0
Guideline levels ASHRAE/AHIA/EPA		68 -75°F/winter 73 -79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m ³ 24-hour average	1 ppm

Comments: _____

The assessed location(s) () Does () Does not meet established indoor air quality guidelines.

Signature: _____

Date: 3-13-02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 12 of 12TIME 12:35LOCATION Stuyvesant H.S. (M47F) DATE 3-13-02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
<u>10th fl. Hallway</u>	<u>5</u>	<u>69.8</u>	<u>28.4</u>	<u>775</u>	<u>0</u>	<u>15</u>	<u>0.0</u>
<u>1001</u>	<u>20</u>	<u>72.4</u>	<u>30.2</u>	<u>976</u>	<u>0</u>	<u>22</u>	<u>0.0</u>
<u>1004</u>	<u>30</u>	<u>67.8</u>	<u>31.6</u>	<u>1026</u>	<u>0</u>	<u>19</u>	<u>0.0</u>
<u>1006</u>	<u>30</u>	<u>70.1</u>	<u>35.2</u>	<u>1073</u>	<u>0</u>	<u>16</u>	<u>0.0</u>
<u>1007</u>	<u>30</u>	<u>71.3</u>	<u>32.4</u>	<u>1065</u>	<u>0</u>	<u>14</u>	<u>0.0</u>
<u>1009</u>	<u>25</u>	<u>70.0</u>	<u>34.8</u>	<u>988</u>	<u>0</u>	<u>15</u>	<u>0.0</u>
<u>1010</u>	<u>25</u>	<u>72.4</u>	<u>36.1</u>	<u>956</u>	<u>0</u>	<u>18</u>	<u>0.0</u>
<u>1017</u>	<u>20</u>	<u>72.5</u>	<u>30.8</u>	<u>944</u>	<u>0</u>	<u>18</u>	<u>0.0</u>
<u>1024</u>	<u>25</u>	<u>70.3</u>	<u>29.7</u>	<u>968</u>	<u>0</u>	<u>17</u>	<u>0.0</u>
<u>Outside</u>		<u>57.4</u>	<u>62.4</u>	<u>516</u>	<u>2</u>	<u>19</u>	<u>0.2</u>
Guideline levels ASHRAE/AHIA/EPA		68 - 75°F/winter 73 - 79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m ³ 24-hour average	1 ppm

Comments: _____

The assessed location(s) () Does () Does not meet established indoor air quality guidelines.

Signature: H. A. Lopez Date: 3-13-02

CITY_21MC100_003061454