NYC 9/11 Public Portal Document

ATTACHMENT 1

IAQ FIELD DATA COLLECTION FORMS

NYC-WTC_000311908

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 10:44

LOCATION STUYVESANT HIGH SCHOOL 10th floor. DATE 10/31/01 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)	
Outdoors	—	50.8	40.2	392	0	24	0.0	
1001	22	74.4	26.6	815	0	18	0.0	
1004	26	74.0	26.5	900	0	18	0.0	1 window open
1006	32	74.3	26.8	820	0	19	0.0	
1007	34	75.1	25.4	920	0	17	0.0	
1009	2	74.2	23.3	640	0	18	0.0	
Hallway by 1010	—	73.5	23.8	628	0	22	0.0	
1024	20	75.5	24.8	810	0	18	0.0	1 window open
1033	—	76.3	25.4	726	0	30	0.0	
staircase W	—	76.4	25.4	850	0	27	0.0	
Guideline levels ASHRAE/AIHA		68 -75°F/winter 73 -79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³ 24-hour average	1 ppm	

Comments: 211

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

Signature: _____ Date: 10/31/01

CITY_21MC100_0003045763

NYC-WTC_000311909

NYC 9/11 Public Portal Document

TIME 10:25

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION STUYVESANT HIGH SCHOOL DATE 10/31/01 PROJECT NO. 19125-0246

9 Th floor

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m^3)	TVOCs (ppm)
940	22	74.3	23.4	770	0	22	0.0
935	30	74.7	25.1	875	0	33	0.0
938	12	74.6	25.4	976	0	22	0.0
936	22	74.8	24.6	820	0	21	0.0
931	21	75.9	28.8	1188	0	19	0.0
Walking by 913	—	74.4	24.3	720	0	19	0.0
913	34	75.4	25.4	763	0	22	0.0
902	32	74.6	27.7	964	0	23	0.0
901	1	72.4	23.5	515	0	22	0.0
Stair Case E	—	74.1	23.3	600	0	19	0.0
Guideline levels ASHRAE/AIHA		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: 10/31/01

CITY_21MC100_00304576

NYC-WTC_000311910

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 10:55

LOCATION STUYVESANT HIGH SCHOOL 8th floor. DATE 10/31/01 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
803	28	75.0	26.3	773	0	17	0.0
804	18	74.9	26.5	830	0	35	0.0
815	26	74.9	26.6	925	0	16	0.0
829	26	75.9	26.2	819	0	22	0.0
836	26	75.5	26.8	1001	0	21	0.0
837	26	76.3	26.2	836	0	20	0.0
840	—	75.9	24.3	515	0	19	0.0
839	—	75.5	23.7	650	0	18	0.0
stair case #1	—	74.5	22.4	558	0	17	0.0
Guideline levels ASHRAE/AIHA		68 -75°F/winter 73 -79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³ 24-hour average	1 ppm

Comments: 1-2-3

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

Signature: [signature] Date: 10/31/01

CITY_21MC100_003045765

NYC-WTC_000311911

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 11:30

LOCATION STUYVESANT HIGH SCHOOL DATE 10/31/01 PROJECT NO. 19125-0246

7th floor.

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
731	24	74.6	26.3	980	0	38	0.0
726	10	75.1	25.2	795	0	17	0.0
727	26	76.8	27.1	830	0	17	0.0
715	32	77.0	29.9	1350	0	17	0.0
704	3	75.3	24.3	670	0	16	0.0
703	18	75.0	26.6	837	0	17	0.0
701	—	75.1	24.2	615	0	16	0.0
Guideline levels ASHRAE/AIHA		68 -75°F/winter 73 -79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³ 24-hour average	1 ppm

Comments: _____

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

Signature: _____ Date: 10/31/01

CITY_21MC100_0030457766

NYC-WTC_000311912

NYC 9/11 Public Portal Document

TIME 12:10

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION STUYVESANT HIGH SCHOOL DATE 10/31/01 PROJECT NO. 19125-0246

6th floor

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
601	10	74.6	24.8	631	0	20	0.0
Hallway by E stair	—	74.6	26.5	740	0	21	0.0
Library	≈50	76.5	27.4	945	0	21	0.0
615A	32	74.9	28.3	1053	0	22	0.0
Hallway by W stair	—	74.6	25.4	630	0	18	0.0
629	32	74.8	29.3	1055	0	20	0.0
635	34	76.6	29.4	1040	0	18	0.0
Guideline levels ASHRAE/AIHA		68 -75°F/winter 73 -79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³ 24-hour average	1 ppm

Comments: _____

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

Signature: _____ Date: 10/31/01

CITY_21MC100_0030457 67

NYC-WTC_000311913

NYC 9/11 Public Portal Document

TIME 12:45

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION STUYVESANT HIGH SCHOOL DATE 10/31/01 PROJECT NO. 19125-0246

5th floor.

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
Dining Room	Full.	74.3	27.4	740	0	24	0.0
Faculty Dining	28	74.5	25.8	651	0	18	0.0
525	22	76.5	28.3	826	0	27	0.0
513	28	76.3	30.1	1052	0	24	0.0
511	20	75.6	28.4	891	0	19	0.0
locker area Hallway	—	72.6	24.5	500	0	18	0.0
507	22	74.2	29.9	920	0	19	0.0
505	32	75.6	32.7	1350	0	20	0.0
503	23	78.3	30.1	1130	0	15	0.0
502A	2	74.8	22.6	562	0	16	0.0
Guideline levels ASHRAE/AIHA		68 -75°F/winter 73 -79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³ 24-hour average	1 ppm

Comments: 700

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

Signature: [signature] Date: 10/31/01

CITY_21MC100_0030457768

NYC-WTC_000311914

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ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 1:20

LOCATION STUYVESANT HIGH SCHOOL DATE 10/31/01 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
105	6	75.4	24.1	530	0	13	0.0
103	4	75.6	24.6	546	0	19	0.0
101A	3	76.2	25.2	616	0	15	0.0
125	~~40~~ ≈ 40	76.4	29.4	1186	0	14	0.0
129	≈ 140	75.5	26.1	690	0	14	0.0
132	6	74.8	26.6	620	0	17	0.0
154	26	73.7	29.3	1490	0	~~3~~ 0	0.0
133	6	74.1	27.0	550	0	12	0.0
Front desk	~~2~~	74.4	26.7	470	0	18	0.0
theatre	28	74.8	27.4	457	0	17	0.0
Guideline levels ASHRAE/AIHA		68 -75°F/winter 73 -79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³ 24-hour average	1 ppm

Comments: _____

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

Signature: _____ Date: 10/31/01

CITY_21MC100_00304576

NYC-WTC_000311915

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 1:45

LOCATION STUYVESANT HIGH SCHOOL DATE 10/31/01 PROJECT NO. 19125-0246

4th floor.

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m^3)	TVOCs (ppm)
402	7	74.6	30.6	577	0	21	0.0
404	28	75.1	34.7	1083	0	20	0.0
403	24	75.1	34.0	970	0	19	0.0
405	24	75.2	33.8	856	0	19	0.0
407	32	77.2	34.0	840	0	35	0.0
411	4	75.7	30.3	600	0	16	0.0
429	32	77.9	35.3	1140	0	18	0.0
431	20	76.5	32.8	1060	0	19	0.0
453	30	74.5	33.4	911	0	23	0.0
						(1)	
Guideline levels ASHRAE/AIHA		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: 10/31/01

CITY_21MC100_0030457770

NYC-WTC_000311916

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 2:25

LOCATION STUYVESANT HIGH SCHOOL 3rd floor. DATE 10/31/01 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
351	26	74.6	30.7	701	0	28	0.0
325	30	74.7	34.4	800	0	21	0.0
315	30	75.4	36.5	990	0	22	0.0
313	30	74.9	35.5	912	0	23	0.0
371	4	74.3	30.1	448	0	23	0.0
Gym	~40	73.3	33.1	513	0	21	0.0
303	26	75.2	37.2	1280	0	26	0.0
302	5	76.3	31.2	680	0	14	0.0
Hallway by Escalator up	—	75.6	31.0	661	0	19	0.0
Guideline levels ASHRAE/AIHA		68 -75°F/winter 73 -79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³ 24-hour average	1 ppm

Comments: _____

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

Signature: _____ Date: 10/31/01

CITY_21MC100_0030457771

NYC-WTC_000311917

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 3:10

LOCATION STUYVESANT HIGH SCHOOL 2nd floor. DATE 10/31/01 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
239	4	74.9	30.6	540	0	18	0.0
237	24	75.9	35.4	926	0	28	0.0
236	offic	75.3	30.9	572	0	17	0.0
233	33	76.9	38.3	1245	0	24	0.0
231	32	76.2	36.9	1190	0	28	0.0
225	9	76.1	32.4	726	0	20	0.0
222	1	76.5	30.2	534	0	16	0.0
Bridge Entrance	—	76.5	32.9	720	0	20	0.0
213	office	76.6	31.6	740	0	17	0.0
Hallway Elevator	—	76.4	30.9	692	0	20	0.0
Guideline levels ASHRAE/AIHA		68 -75°F/winter 73 -79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³ 24-hour average	1 ppm
Comments: out doors		63.4	33.2	417	1	46	0.0

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

Signature: [signature] Date: 10/31/01

CITY_21MC100_003045772

NYC-WTC_000311918