NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 800

LOCATION PS89 M DATE 1/31/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
PLAYGROUND NORTH END		40.1	51.7	509	0	27	0
OUTSIDE NORTH EXIT		39.9	53.4	496	0	29	0
OUTSIDE NW CORNER		39.6	56.4	491	0	25	0
OUTSIDE NE CORNER		39.0	60.1	476	0	28	0
PLAYGROUND SOUTH END		39.4	63.2	473	0	27	0
OUTSIDE SOUTH EXIT		38.8	63.0	475	0	26	0
OUTSIDE SW CORNER		39.1	63.9	464	0	25	0
OUTSIDE SE CORNER		41.9	64.5	480	0	31	0
DANCE ROOM		70.7	38.0	762	0	13	0
NORTH EXIT		70.2	71.5	681	0	15	0
Guideline levels ASHRAE/AIHA/EPA		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: 1/31/02

CITY_21MC100_012157764

NYC-WTC_000209111

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 8:30

LOCATION PS89 M DATE 1/31/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
By Entrance to Cafeteria		68.3	28.6	581	0	18	0
Cafeteria		68.6	28.5	569	0	19	0
By Elevator		68.8	27.8	557	0	21	0
SOUTH EXIT		68.3	27.9	602	0	22	0
207	10	70.8	28.2	616	0	19	0
202	—	70.1	26.2	533	0	18	0
201	—	70.4	26.6	541	0	13	0
204		70.2	26.2	520	0	20	0
Auditorium		69.6	25.9	532	0	16	0
226		68.5	25.7	513	0	21	0
Guideline levels ASHRAE/AIHA/EPA		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: 1/31/02

CITY_21MC100_012157765

NYC-WTC_000209112

NYC 9/11 Public Portal Document

TIME 9:00

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION PS89 M DATE 1/31/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
501	15	71.4	28.0	650	0	13	0
502	3	72.2	28.2	670	0	19	0
504	29	72.0	30.9	1220	0	21	0
506	28	72.1	32.0	1390	0	21	0
508	1	72.1	28.0	890	0	15	0
512(HALL)	—	71.0	27.2	769	0	22	0
512	1	71.3	27.3	880	0	22	0
528	30	70.9	29.1	1024	0	23	0
Library	—	71.7	27.3	758	0	14	0
532	32	71.8	28.6	901	0	21	0
Guideline levels ASHRAE/AIHA/EPA		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: 1/31/02

CITY_21MC100_012157766

NYC-WTC_000209113

NYC 9/11 Public Portal Document

TIME 9:30

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION PS89 M DATE 1/31/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m^3)	TVOCs (ppm)
419	6	71.2	26.3	676	0	19	0
430	5	70.4	26.1	646	0	15	0
426	32	69.5	27.5	899	0	16	0
410 (HALL)	—	69.4	26.7	720	0	18	0
408	M^5	70.3	27.3	820	0	17	0
411 (HALL)	—	70.4	27.1	729	0	19	0
406	8	70.2	26.7	684	0	17	0
404	28	70.7	28.8	900	0	20	0
401	—	70.9	27.0	696	0	13	0
402	3	70.7	26.9	745	0	19	0
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: _____ Date: 1/31/02

CITY_21MC100_012157767

NYC-WTC_000209114

NYC 9/11 Public Portal Document

TIME 10:00

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION PS89 M DATE 1/31/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
301 (HALL)		70.2	26.5	616	0	19	0
305 (HALL)		69.9	26.7	623	0	19	0
By Elevator (HALL)		70.1	26.5	626	0	19	0
Gym	36	69.9	27.5	632	0	19	0
310	—	69.8	27.4	605	0	15	0
by Stair 2	—	69.4	27.2	650	0	22	0
328 (HALL)		68.4	27.2	620	0	20	0
317	—	69.0	27.0	592	0	19	0
330	—	68.9	27.2	599	0	19	0
By Stair 1 (332)	—	69.1	27.0	603	0	19	0
Guideline levels ASHRAE/AIHA/EPA		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: Jay Chay Date: 1/31/02

CITY_21MC100_012157768

NYC-WTC_000209115

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 10:45

LOCATION PS89 M DATE 1/31/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m^3)	TVOCs (ppm)
North Playground	—	40.6	36.8	494	1	37	0
South Playground	—	41.0	40.1	480	0	39	
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: _____ Date: 1/31/02

CITY_21MC100_012157769

NYC-WTC_000209116