NYC 9/11 Public Portal Document

TIME 800

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION PS89 M DATE 3/21/02 PROJECT NO. 19125-297

Location Outside	Occup	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
Playground N.		50.3	24.8	380	0	49	0
Playground S		50.0	24.5	385	0	48	0
SE Corner		50.3	24.1	388	0	50	0
East Side		50.0	23.8	390	0	48	0
NE Corner		49.7	23.4	386	0	49	0
North Exit		50.6	23.6	384	0	47	0
NW Corner		50.1	23.8	388	0	48	0
By Air Intake		49.6	23.7	386	0	48	0
SW Corner		50.0	23.9	386	0	47	0
South Exit		49.4	24.3	390	0	50	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: Jim Chay Date: 3/21/02

03/22/2002 11:46 FAX 212 353 8308 ATC 007/014

CITY_21MC100_009253436

NYC-WTC_000209160

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 830

LOCATION PS89M DATE 3/21/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
Hall by Stair 1		70.9	24.2	446	0	25	0
132	3	70.8	23.7	443	0	25	0
132B	2	71.4	23.7	472	0	24	0
132C	1	71.1	23.7	459	0	27	0
132D	—	70.8	23.3	446	0	26	0
North Exit		72.1	25.7	455	0	27	0
Hall by Cafeteria		74.0	30.5	536	0	28	0
Cafeteria		73.3	23.4	448	0	23	0
Dance Rm	1	72.6	27.7	452	0	18	0
South Exit		73.6	24.1	457	0	31	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: 3/21/02

03/22/2002 11:46 FAX 212 353 8308 ATC 008/014

CITY_21MC100_009253437

NYC-WTC_000209161

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 900

LOCATION PS89 M DATE 3/21/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
201 (HAN)		73.3	25.8	560	0	24	0
202	20	73.4	26.7	746	0	28	0
Hall by Stair 3		73.5	25.4	564	0	25	0
204	17	74.2	27.2	664	0	25	0
208 (HAN)		73.9	24.7	530	0	28	0
Auditorium		72.3	21.9	428	0	23	0
Hall by Stair 2		72.8	24.0	514	0	25	0
226		73.1	24.7	497	0	28	0
228	13	72.9	26.2	661	0	25	0
230	2	72.3	24.0	478	0	26	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: 3/21/02

03/22/2002 11:46 FAX 212 353 8306 ATC 009/014

CITY_21MC100_00925343 8

NYC-WTC_000209162

NYC 9/11 Public Portal Document

TIME 930

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION PS89 M DATE 3/21/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
232	3	73.1	23.7	509	0	19	0
232 (HALL)		73.4	23.8	498	0	22	0
219	8	74.0	23.5	592	0	30	0
Stair #1		73.8	23.6	550	0	28	0
319		73.6	23.4	506	0	20	0
332	16	73.0	23.8	694	0	24	0
330	15	73.1	25.6	848	0	24	0
328	12	73.0	24.4	723	0	19	0
326	12	73.2	24.7	666	0	21	0
Hall by Stair 2	-	72.5	24.2	648	0	26	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: 3/21/02

03/22/2002 11:47 FAX 212 353 8306 ATC 010/014

CITY_21MC100_009253439

NYC-WTC_000209163

NYC 9/11 Public Portal Document

TIME 1000

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION PS89 M DATE 3/21/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m^3)	TVOCs (ppm)
316	1	72.2	23.2	475	0	32	0
314 (HALL)	–	71.9	24.0	619	0	25	0
310	1	72.2	24.0	590	0	27	0
315 (HALL)	–	72.3	24.3	637	0	24	0
Gym	–	69.9	23.4	565	0	22	0
308		72.0	24.0	570	0	26	0
306	20	74.1	26.5	802	0	23	0
304	16	74.4	27.4	711	0	23	0
302	15	74.2	26.5	817	0	17	0
	17	73.8	24.9	665	0	14	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: 3/21/02

03/22/2002 11:47 FAX 212 353 8306 ATC 011/014

CITY_21MC100_009253440

NYC-WTC_000209164

NYC 9/11 Public Portal Document

03/22/2002 11:48 FAX 212 353 8306 ATC 012/014

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 1030

LOCATION PS89 M DATE 3/21/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m^3)	TVOCs (ppm)
401	20	73.8	26.1	709	0	16	0
402	31	74.7	29.1	1113	0	20	0
402 (HALL)	–	74.8	26.3	808	0	20	0
404	28	75.3	30.4	954	0	29	0
Hall by Elevator	–	74.9	26.0	728	0	22	0
415	1	73.9	25.4	735	0	22	0
408	35	75.3	31.2	1268	0	24	0
410 (HALL)	–	74.8	25.6	760	0	24	0
Hall by Stair 2	–	74.7	24.7	662	0	23	0
426		74.9	25.1	593	0	18	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: 3/21/02

CITY_21MC100_009253441

NYC-WTC_000209165

NYC 9/11 Public Portal Document

TIME 1100

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION PS89 M DATE 3/21/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
428	-	73.0	22.8	519	0	20	0
430	17	73.7	27.0	884	0	20	0
432	11	74.0	27.6	1113	0	23	0
419	-	73.8	25.2	710	0	20	0
501	14	73.6	28.2	639	0	15	0
502	1	74.4	30.4	942	0	21	0
501 (HALL)		74.4	29.0	806	0	22	0
504	33	74.9	31.7	1219	0	33	0
506	33	75.2	31.4	1287	0	37	0
515	3	74.7	28.0	791	0	28	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: 3/21/02

03/22/2002 11:48 FAX 212 353 8306 ATC 013/014

CITY_21MC100_009253442

NYC-WTC_000209166

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 1130

LOCATION PS89 M DATE 3/21/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m^3)	TVOCs (ppm)
508	1	74.2	27.2	743	0	17	0
510	28	74.9	30.6	1338	0	33	0
512	1	73.2	26.5	751	0	24	0
Hall by Stair 2	—	75.3	25.6	770	0	26	0
526	29	75.3	29.3	1044	0	20	0
528	—	74.3	26.3	849	0	26	0
517	—	74.2	23.1	640	0	21	0
517A	1	74.0	22.1	505	0	21	0
532	34	74.2	27.2	1114	0	34	0
519 (Hall)		74.6	26.0	950	0	25	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: 3/21/02

03/22/2002 11:48 FAX 212 353 8306 ATC 014/014

CITY_21MC100_009253443

NYC-WTC_000209167