NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 8:00 AM LOCATION: 89 M DATE: 5-9-02 PROJECT NO: 15-19125-0297

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
OUTSIDE							
SOUTHEXIT PLAYGROUND	0	55.3	43.2	406	2	36	0
PLAYGROUND NORTH	0	55.4	43.3	407	2	32	0
PLAYGROUND SOUTH	0	55.1	43.2	408	2	35	0
SOUTHEAST CORNER	0	55.3	43.3	410	2	34	0
EASTSIDE CORNER	0	55.3	43.3	406	2	33	0
NORTH WEST CORNER	0	55.3	43.5	409	2	33	0
NORTH EXIT	0	55.4	43.1	409	2	30	0
SOUTH WEST CORNER	0	55.3	43.3	410	2	31	0
NEXT TO INTAKE NOR	2	55.1	43.4	410	2	31	0
NORTH CORNER	0	55.4	43.4	411	2	30	0
Guideline levels ASHRAE/AIHA		68 – 75°F/winter 73-79 °F/summer	30-60%	Outdoor level +700 ppm	9 ppm	65 ug/m³	1 ppm

Comments: N/A

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

Signature: [signature] Date: 5-9-02

05/10/2002 13:35 FAX 212 353 8306 ATC 007/014

CITY_21MC100_009261634

NYC-WTC_000340663

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 8:50 AM LOCATION: 89 M DATE: 5-9-02 PROJECT NO: 15-19125-0297

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
NEXT TO STAIR 2 HALL	0	70.9	38.6	460	1	19	0
RM 526	0	72.1	39.5	477	1	18	0
RM 528	31	71.6	40.1	1486	1	17	0
RM 517	0	71.3	40.9	491	1	19	0
~~R~~ 530 HALL	0	70.6	39.9	481	1	20	0
RM 532	0	71.9	44.1	499	1	16	0
RM 514	0	70.9	43.1	491	1	18	0
RM 419	0	69.9	42.3	486	1	18	0
419 HALL	0	72.6	39.1	471	1	19	0
RM 432	20	72.1	38.5	1856	1	18	0
Guideline levels ASHRAE/AIHA		68 – 75°F/winter 73-79 °F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³	1 ppm

Comments: N/A

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

Signature: [signature] Date: 5-9-02

05/10/2002 13:35 FAX 212 353 8306 ATC 008/014

CITY_21MC100_009261635

NYC-WTC_000340664

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 9:20 AM LOCATION: 89 M DATE: 5.9.02 PROJECT NO: 15-19125-0297

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
NEXT TO STAIR 3 + HALLWAY	0	70.1	42.3	475	1	13	0
OUTSIDE OF RM 501	0	70.3	42.4	491	1	12	0
502	30	70.6	425	1109	1	13	0
504 HALL	0	69.1	426	461	1	9	0
NEXT TO ELEVATOR BANK	0	70.1	44.1	489	1	10	0
506	22	70.9	43.9	875	1	16	0
515 HALL	0	70.6	38.4	499	1	16	0
508	0	70.6	434	501	1	17	0
510	30	71.9	44.1	1161	1	13	0
512 HALL	0	70.9	44.1	461	1	12	0
Guideline levels ASHRAE/AIHA		68 – 75°F/winter 73-79 °F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³	1 ppm

Comments: N/A

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

Signature: [signature] Date: 5.9.02

05/10/2002 13:36 FAX 212 353 8306 ATC 009/014

CITY_21MC100_009261636

NYC-WTC_000340665

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 9:40 AM LOCATION: 89 M DATE: 5-9-02 PROJECT NO: 15-19125-0297

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
RM 430	20	72.5	38.1	898	1	18	0
428 HALL	0	72.2	37.2	471	1	20	0
RM 426	0	71.5	36.5	476	1	18	0
HALL NEXT TO STAIR #2	0	70.9	40.1	491	1	19	0
410 HALL	0	70.6	41.3	501	1	17	0
408	30	71.6	39.9	1142	1	20	0
NEXT TO ELEVATOR BANK	6	71.6	39.1	661	1	18	0
404	32	72.2	40.4	1161	1	18	0
401 HALL	0	71.2	41.4	471	1	18	0
402	33	71.4	39.4	1241	1	17	0
Guideline levels ASHRAE/AIHA		68 – 75°F/winter 73-79 °F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³	1 ppm

Comments: N/A

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

Signature: [signature] Date: 5-9-02

05/10/2002 13:36 FAX 212 353 8306 ATC 010/014

CITY_21MC100_009261637

NYC-WTC_000340666

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 10:00 AM LOCATION: 89 M DATE: 5-9-02 PROJECT NO: 15-19125-0277

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
Rm 301	2	71.6	40.1	591	1	18	0
301 HALL	0	71.2	37.1	476	1	17	0
Rm 302	15	71.8	37.6	981	1	18	0
HALL NEXT TO STAIR 3	0	71.2	36.6	497	1	20	0
Rm 304	12	71.9	36.9	749	1	21	0
HALL NEXT TO ELEVATOR BANK	0	71.6	369	471	1	22	0
Rm 306	0	71.5	365	481	1	18	0
308 HALL	0	71.5	36.9	456	1	16	0
315	30	71.4	36.9	711	1	16	0
315 HALL	0	71.6	37.1	428	1	17	0
Guideline levels ASHRAE/AHIA		68–75°F/winter 73-79 °F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³	1 ppm

Comments: N/A

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

Signature: [signature] Date: 5-9-02

05/10/2002 13:36 FAX 212 353 8306 ATC 011/014

CITY_21MC100_009261638

NYC-WTC_000340667

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 10:15 AM LOCATION: 89 N DATE: 5-9-02 PROJECT NO: 15-19125-0297

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
PM 308	10	72.8	38.3	980	1	18	0
PM 310	6	73.4	39.1	726	1	19	0
314 HALL	0	70.1	39.1	491	1	18	0
PM 316	2	72.1	35.7	610	1	19	0
HALL NEAR TO STAIR 2	0	71.2	40.1	455	1	18	0
PM 326	1	71.2	35.9	526	1	20	0
PM 328	1	71.3	365	541	1	18	0
PM 330	8	71.1	38.6	789	1	19	0
PM 332	17	72.0	39.9	899	1	20	0
PM 314	0	71.2	40.1	426	1	18	0
Guideline levels ASHRAE/AIHA		68 – 75°F/winter 73-79 °F/summer	30-60%	Outdoor level +700 ppm	9 ppm	65 ug/m³	1 ppm

Comments: N/A

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

Signature: [signature] Date: 5-9-02

'05/10/2002 13:36 FAX 212 353 8306 ATC 012/014

CITY_21MC100_009261639

NYC-WTC_000340668

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 10:30 Am LOCATION: 89 M DATE: 5-9-02 PROJECT NO: 15-19125-0297

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
NEXT TO STAIR 4	0	71.3	40.1	510	1	18	0
Rm 219	18	70.7	35.7	1021	1	18	0
Rm 232	11	70.6	35.7	756	1	19	0
Rm 230	10	70.7	35.7	741	1	20	0
[217 HALL	0	71.2	41.1	514	1	16	0
Rm 228	15	70.7	35.7	928	1	16	0
Rm 226	12	70.7	35.7	869	1	13	0
AUDITORIUM	0	72.3	42.1	502	1	15	0
Rm 204	21	71.2	39.6	1021	1	16	0
Rm 202	21	71.6	37.7	941	1	16	0
Guideline levels ASHRAE/AIHA		68 – 75°F/winter 73-79 °F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³	1 ppm

Comments: N/A

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

Signature: [signature] Date: 5-9-02

05/10/2002 13:36 FAX 212 353 8306 ATC 013/014

CITY_21MC100_00926164O

NYC-WTC_000340669

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 10:45 AM LOCATION: 89M DATE: 5-9-02 PROJECT NO: 15-19125-0297

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
Hall NEXT TO CAFETERIA	0	70.1	39.1	489	1	16	0
NORTH EXIT	0	70.2	39.3	476	1	16	0
DANCE ROOM	15	69.6	40.0	983	1	17	0
1 CAFETERIA	3	70.1	38.1	721	1	16	0
NEXT TO ROOM 126	0	70.2	39.1	489	1	16	0
INSIDE 132 A	3	69.6	37.8	651	1	18	0
132 B	0	69.5	37.3	471	1	19	0
132 C	0	69.6	36.6	486	1	21	0
132 D	0	69.3	38.9	479	1	19	0
SOUTH EXIT	0	70.1	40.1	451	1	16	0
Guideline levels ASHRAE/AIHA		68 – 75°F/winter 73-79 °F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³	1 ppm

Comments: N/A

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

Signature: [signature] Date: 5-9-02

05/10/2002 13:37 FAX 212 353 8308 ATC 014/014

CITY_21MC100_009261641

NYC-WTC_000340670