NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 8:00 AM LOCATION: 89 M DATE: 5-8-02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
OUTSIDE							
SOUTHEXIT PLAYGROUND	0	65.1	44.6	426	1	37	0
PLAYGROUND NORTH	0	65.3	44.6	428	1	35	0
PLAYGROUND SOUTH	0	65.4	45.1	428	1	33	0
SOUTHEAST CORNER	0	65.1	44.5	436	1	26	0
EASTSIDE CORNER	0	65.6	44.6	440	1	31	0
NORTH WEST CORNER	0	65.6	44.6	441	1	32	0
NORTH EXIT	0	65.6	44.6	461	1	36	0
SOUTH WEST CORNER	0	65.7	44.6	470	1	33	0
NEXT TO INTAKE NOB	0	64.9	44.7	451	1	33	0
NORTH CORNER	0	65.7	44.6	460	1	32	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: Kevin Fitzpatrick Date: 5-8-02

05/09/2002 10:28 FAX 212 353 8306 ATC 008/015

CITY_21MC100_009261642

NYC-WTC_000340671

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ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 8:20 AM LOCATION: PS 89 M DATE: 5-8-02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
Hall NEXT TO CAFETERIA	26	73.2	41.2	986	1	16	0
NORTH EXIT	0	73.4	413	501	1	25	0
DANCE ROOM	0	74.1	416	485	1	16	0
I CAFETERIA	0	74.6	37.5	486	1	22	0
NEXT TO ROOM 126	0	72.3	42.6	479	1	23	0
INSIDE 132 A	0	74.5	423	461	1	25	0
132 B	0	73.9	41.7	451	1	26	0
132 C	0	73.9	416	499	1	22	0
132 D	0	73.7	43.6	506	1	19	0
SOUTH EXIT	0	72.1	44.9	502	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: 5-8-02

05/09/2002 10:29 FAX 212 353 8306 ATC 009/015

CITY_21MC100_009261643

NYC-WTC_000340672

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 840 AM LOCATION: 89 M DATE: 5-8-02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m^3)	TVOCs (ppm)
NEXT TO STAIR 3 HALLWAY	0	72.1	47.8	610	1	19	0
OUTSIDE OF RM 501	0	73.1	42.6	509	1	19	0
502	31	74.5	43.9	1011	1	19	0
504 HALL	0	74.6	40.1	485	1	23	0
NEXT TO ELEVATOR BANK	0	72.1	40.6	476	1	21	0
506	0	72.3	40.7	491	1	19	0
515 HALL	7	73.4	40.9	810	1	12	0
508	32	74.6	40.1	1261	1	17	0
510	29	75.5	39.6	1124	1	18	0
512 HALL	0	74.9	43.6	471	1	19	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	1 ppm

Comments: N/A

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

Signature: [signature] Date: 5-8-02

05/09/2002 10:29 FAX 212 353 8306 ATC 010/015

CITY_21MC100_009261644

NYC-WTC_000340673

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 910 AM LOCATION: 89 M. DATE: 5-8-02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
NEXT TO STAIR 2 HALL	0	74.1	44.4	501	1	19	0
Rm 526	33	73.9	43.1	996	1	21	0
Rm 528	29	74.1	40.9	1011	1	25	0
Rm 517	3	74.6	41.1	780	1	25	0
~~R~~ 530 HALL	0	72.3	39.9	491	1	19	0
RM 532	26	73.3	44.4	1026	1	17	0
Rm 514	10	73.4	45.6	989	1	16	0
Rm 419	3	75.1	42.3	671	1	20	0
419 HALL	0	72.6	43.3	491	1	21	0
Rm 432	0	74.6	44.4	486	1	22	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: Steve Fitzpatrick Date: 5-8-02

05/09/2002 10:29 FAX 212 353 8308 ATC 011/015

CITY_21MC100_00926164 5

NYC-WTC_000340674

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 9:30 AM LOCATION: 89 M DATE: 5-8-02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
RM 430	5	74.0	44.4	721	1	19	0
428 HALL	0	74.1	41.4	556	1	16	0
RM 426	26	73.9	43.9	1026	1	12	0
HALL NEXT TO STAIR #2	6	74.3	43.1	620	1	20	0
410 HALL	0	73.9	42.9	501	1	21	0
408	0	74.6	44.6	485	1	20	0
NEXT TO ELECATOR BANK	0	73.8	42.3	491	1	20	0
404	33	75.5	42.4	996	1	20	0
401 HALL	0	74.1	44.1	471	1	19	0
402	0	74.9	44.6	461	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: 5-8-02

05/09/2002 10:29 FAX 212 353 8308 ATC 012/015

CITY_21MC100_009261646

NYC-WTC_000340675

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 10:10 AM LOCATION: 89 M DATE: 5-8-02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
Rm 301	0	73.2	41.9	502	1	19	0
301 HALL	0	74.1	40.9	491	1	20	0
Rm 302	0	74.6	42.1	486	1	19	0
HALL NEXT TO STAIR 3	0	74.6	42.3	476	1	20	0
Rm 304	16	73.9	44.5	991	1	19	0
HALL NEXT TO ELEVATOR BANK	0	72.4	42.4	506	1	20	0
Rm 306	20	75.1	44.4	989	1	21	0
308 HALL	0	72.9	42.6	476	1	22	0
315	0	74.9	44.6	461	1	23	0
315 HALL	33	72.6	42.6	1126	1	20	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: 5-8-02

05/08/2002 10:30 FAX 212 353 8308 ATC 013/015

CITY_21MC100_009261647

NYC-WTC_000340676

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 11:00 AM LOCATION: 89 N DATE: 5-8-02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
PM 308	0	74.1	43.4	493	1	19	0
PM 310	6	74.6	43.5	645	1	20	0
314 HALL	2	72.9	42.9	461	1	19	0
PM 316	0	74.6	43.9	491	1	20	0
HALL NEXT TO STAIR 2	26	72.3	42.1	1041	1	19	0
PM 326	13	74.1	43.1	746	1	18	0
PM 328	13	72.9	40.6	742	1	19	0
PM 330	16	75.5	41.7	861	1	18	0
PM 332	14	75.5	41.6	651	1	17	0
PM 314	0	74.4	41.9	516	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: 5-8-02

05/09/2002 10:30 FAX 212 353 8306 ATC 014/015

CITY_21MC100_00926164B

NYC-WTC_000340677

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.

INDOOR AIR QUALITY FIELD REPORT

Time: 11:15 AM LOCATION: PS 89 M DATE: 5-8-02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulate (ug/m³)	TVOCs (ppm)
NEXT TO STAIR 4	0	72.1	43.1	491	1	19	0
Rm 219	1	72.3	42.6	526	1	21	0
Rm 232	16	73.4	42.1	770	1	21	0
Rm 230	11	73.1	42.3	691	1	23	0
r 217 HALL	2	72.9	43.4	540	1	19	0
Rm 228	13	74.5	40.9	860	1	18	0
Rm 226	13	74.6	41.6	890	1	16	0
AUDITORIUM	0	72.9	41.3	491	1	20	0
Rm 204	24	75.1	42.3	1110	1	20	0
Rm 202	26	74.9	41.9	1260	1	20	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: 5-8-02

05/08/2002 10:30 FAX 212 353 8306 ATC 015/015

CITY_21MC100_00926164

NYC-WTC_000340678