NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 8:00 AM LOCATION: PS 89 DATE: 6/21/02 PROJECT NO: 19125-0297

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
OUTSIDE							
SOUTH EXIT	3	70.4	68.7	531	1	97	0
PLAY GROUND N	4	70.2	68.1	541	1	96	0
PLAY GROUND S	1	70.4	68.1	540	1	95	0
SE CORNER	0	70.2	68.1	532	1	95	0
EAST SIDE	0	70.2	68.4	549	1	95	0
N/W CORNER	1	70.2	68.4	550	1	96	0
NORTH EXIT	4	70.2	68.1	560	1	96	0
S/W CORNER	5	70.2	68.1	561	1	96	0
NEXT TO AIR INTAKE	0	70.2	68.1	569	1	96	0
NORTH CORNER	0	70.2	68.7	571	1	96	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: _____

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

Signature: _____ Date: 6/21/02

06/24/2002 11:05 FAX 212 353 8308 ATC 007/014

CITY_21MC100_012158181

NYC-WTC_000340441

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 8:31 Am LOCATION: PS 89 DATE: 6/21/02 PROJECT NO: 19125-0297

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
HALLWAY NEXT TO CAFETERIA	3	69.1	57.6	628	1	32	0
NORTH EXIT	0	69.6	57.6	581	1	30	0
DANCE ROOM	0	69.3	57.6	609	1	26	0
CAFETERIA	26	67.6	57.9	989	1	38	0
HALLWAY BY RM 126	0	70.1	58.1	566	1	25	0
132 A	1	70.1	58.1	588	1	21	0
132 B	0	69.9	56.1	601	1	20	0
132 C	0	69.9	56.1	603	1	26	0
132 D	0	69.8	56.1	571	1	26	0
SOUTH EXIT	0	69.9	56.1	566	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/m³	1 ppm

Comments: _____

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

Signature: _____ Date: 6/21/02

08/24/2002 11:05 FAX 212 353 8306 ATC 008/014

CITY_21MC100_01215818 2

NYC-WTC_000340442

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 9:00 AM LOCATION: PS 89 DATE: 6/21/02 PROJECT NO: 19185-0297

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulate (ug/m³)	TVOCs (ppm)
308	3	70.2	57.1	843	1	26	0
310	3	70.3	55.1	809	1	20	0
314 HALL	1	70.9	54.1	621	1	19	0
316	2	70.3	50.5	836	1	18	0
HALLWAY BY STAIR #2	0	70.8	52.6	598	1	27	0
326	2	70.6	51.1	589	1	27	0
328	23	70.6	53.9	1016	1	27	0
330	22	69.9	54.1	1121	1	23	0
314	0	69.6	53.9	606	1	27	0
332	0	71.1	54.6	599	1	25	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: _____

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

Signature: [signature] Date: 6/21/02

06/24/2002 11:05 FAX 212 353 8306 ATC 009/014

CITY_21MC100_01215818 3

NYC-WTC_000340443

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 9:31 AM LOCATION: PS 89 DATE: 6/21/02 PROJECT NO: 19125-0297

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulate (ug/m³)	TVOCs (ppm)
301	23	71.1	56.3	986	1	26	0
301 HALLWAY	0	70.0	569	599	1	23	0
302	21	70.1	569	929	1	28	0
HALLWAY NEXT TO ELEVATOR BANK	0	70.9	577	603	1	31	0
304	24	70.3	57.7	1016	1	26	0
HALLWAY NEXT TO ELEVATOR BANK	1	70.8	573	625	1	24	0
306	17	70.9	571	1124	1	20	0
308 HALLWAY	2	70.9	571	641	1	20	0
315 HALLWAY	1	70.1	561	641	1	26	0
315 GYM	0	70.6	56.4	570	1	25	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: _____

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

Signature: _____ Date: 6/21/02

06/24/2002 11:06 FAX 212 353 8306 ATC 010/014

CITY_21MC100_012158184

NYC-WTC_000340444

NYC 9/11 Public Portal Document

06/24/2002 11:06 FAX 212 353 8306 ATC 011/014

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 10:00 AM LOCATION: PS 89 DATE: 6/21/02 PROJECT NO: 19185-0897

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
NEXT TO STAIR #2 HALLWAY	0	70.8	57.9	581	1	22	0
526	22	71.1	58.1	1223	1	16	0
528	1	71.1	58.3	629	1	19	0
517	0	72.0	58.4	710	1	16	0
530 HALLWAY	0	70.3	57.9	599	1	26	0
532	25	69.9	57.6	1126	1	28	0
514	0	69.9	57.1	609	1	19	0
419	2	69.5	57.4	887	1	19	0
419 HALLWAY	1	70.1	56.6	603	1	16	0
432	0	70.3	55.9	610	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: _____

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

Signature: [signature] Date: 6/21/02

CITY_21MC100_012158185

NYC-WTC_000340445

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 10:15 AM LOCATION: PS 89 DATE: 6/21/02 PROJECT NO: 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	70.1	57.1	591	1	26	0
219	9	69.9	58.8	946	1	20	0
232	26	69.9	58.1	1101	1	21	0
230	1	70.6	58.1	610	1	19	0
217 HALLWAY	1	70.9	57.7	603	1	28	0
228	0	70.6	56.6	571	1	29	0
226	28	70.9	58.1	1163	1	30	0
AUDITORIUM	4	69.8	58.1	816	1	31	0
204	20	69.8	56.6	1041	1	29	0
202	24	69.1	56.6	1119	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: _____

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

Signature: _____ Date: 6/21/02

06/24/2002 11:06 FAX 212 353 8306 ATC 012/014

CITY_21MC100_012158186

NYC-WTC_000340446

NYC 9/11 Public Portal Document

08/24/2002 11:08 FAX 212 353 8306 ATC 013/014

ATC ASSOCIATES, INC.

INDOOR AIR QUALITY FIELD REPORT

Time: 10:31 AM LOCATION: PS 89 DATE: 6/21/02 PROJECT NO: 19185-0297

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
EASTSIDE OF ROOM 208	4	70.4	57.6	809	1	26	0
EASTSIDE OF ROOM 201	0	70.6	57.6	693	1	20	0
NEXT TO ELECTRICAL CLOSET 2ND FLOOR	0	70.9	58.1	571	1	19	0
INSIDE RM 206	0	71.1	58.6	574	1	21	0
NEXT TO RM 224	2	71.3	58.1	621	1	26	0
NEXT TO SOUTHSIDE OF ROOM 217	1	70.9	58.3	610	1	20	0
NEXT TO ROOM 217	0	70.8	56.1	601	1	20	0
NEXT TO STAIRS #2 2ND FLOOR	0	70.3	59.1	599	1	19	0
SOUTH END OF HALLWAY 2ND FLOOR	1	70.1	58.1	633	1	16	0
NORTH END OF 2ND FLOOR HALLWAY	0	70.1	58.3	586	1	15	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: _____

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

Signature: _____ Date: 6/21/02

CITY_21MC100_012158187

NYC-WTC_000340447

NYC 9/11 Public Portal Document

06/24/2002 11:07 FAX 212 353 8308 ATC 014/014

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 11:00 AM LOCATION: PS 89 M DATE: 6/21/02 PROJECT NO: 19185-0297

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
430	0	71.1	57.1	598	1	24	0
428 HALLWAY	0	70.9	57.1	610	1	20	0
426	0	71.3	57.3	601	1	21	0
HALLWAY BY STAIR #2	1	70.6	56.6	631	1	23	0
410 HALLWAY	3	70.9	56.9	669	1	19	0
408 HALLWAY	0	70.9	58.1	580	1	18	0
NEXT TO ELEVATOR BANK	0	70.6	55.3	573	1	20	0
404	0	71.0	57.1	603	1	20	0
401 HALLWAY	0	69.9	57.3	561	1	20	0
402	0	71.1	57.4	610	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/m³	1 ppm

Comments: _____

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

Signature: [signature] Date: 6/21/02

CITY_21MC100_012158188

NYC-WTC_000340448