NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 8:00 AM LOCATION: PS 89 DATE: 6/13/02 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	10	64.5	47.1	529	1	48	0
PLAY GROUND N	0	64.5	47.1	536	1	46	0
PLAY GROUND S	3	64.5	47.1	516	1	40	0
SE CORNER	2	64.5	47.6	541	1	39	0
EAST SIDE	4	64.5	47.6	556	1	47	0
N/W CORNER	0	64.5	47.1	559	1	46	0
NORTH EXIT	1	64.6	47.1	571	1	46	0
S/W CORNER	1	64.6	47.1	589	1	46	0
NEXT TO AIR INTAKE	0	64.6	47.6	599	1	42	0
NORTH CORNER	0	64.6	47.1	582	1	43	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: 6/13/02

06/14/2002 13:35 FAX 212 353 8308 ATC 007/014

CITY_21MC100_009261479

NYC-WTC_000340477

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 8:31 AM LOCATION: PS 89 DATE: 6/13/02 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	0	70.0	51.9	626	1	20	0
NORTH EXIT	0	70.1	51.9	710	1	19	0
DANCE ROOM	0	70.9	51.9	701	1	16	0
CAFETERIA	28	70.1	51.9	1126	1	11	0
HALLWAY BY RM 126	0	70.1	51.9	589	1	16	0
132 A	1	71.2	51.3	589	1	17	0
132 B	0	71.2	51.4	616	1	19	0
132 C	0	71.2	51.6	591	1	11	0
132 D	1	71.2	51.7	613	1	10	0
SOUTH EXIT	0	71.4	51.7	619	1	8	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: 6/13/02

06/14/2002 13:36 FAX 212 353 8306 ATC 008/014

CITY_21MC100_009261480

NYC-WTC_000340478

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 850 AM LOCATION: PS 89 DATE: 6/13/02 PROJECT NO: 19125-0297

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
308	0	74.1	46.9	583	1	16	0
310	0	74.4	47.8	556	1	10	0
314 HALL	0	74.5	47.7	589	1	11	0
316	6	74.1	47.4	823	1	13	0
HALLWAY BY STAIR #2	0	74.2	47.6	659	1	13	0
326	16	74.3	47.5	986	1	17	0
328	15	74.2	47.9	904	1	16	0
330	24	74.4	48.3	1039	1	11	0
314	0	74.9	48.7	633	1	18	0
332	20	74.7	48.1	986	1	11	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: 6/13/02

06/14/2002 13:36 FAX 212 353 8306 ATC 009/014

CITY_21MC100_009261481

NYC-WTC_000340479

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 916 AM LOCATION: PS 89 DATE: 6/13/02 PROJECT NO: 19125-0297

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
301	20	75.2	48.8	891	1	12	0
301 HALLWAY	0	75.3	48.7	588	1	16	0
302	20	75.2	48.8	909	1	11	0
HALLWAY NEXT TO ELEVATOR BANK	0	75.4	48.6	561	1	9	0
304	1	75.1	48.2	653	1	8	0
HALLWAY NEXT TO ELEVATOR BANK	0	75.3	48.6	598	1	10	0
306	20	75.1	48.1	952	1	10	0
308 HALLWAY	1	75.1	48.7	603	1	6	0
315 HALLWAY	3	75.2	48.7	641	1	12	0
315 GYM	0	72.1	44.1	604	1	11	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: 6/13/02

06/14/2002 13:38 FAX 212 353 8306 ATC 010/014

CITY_21MC100_009261482

NYC-WTC_000340480

NYC 9/11 Public Portal Document

06/14/2002 13:36 FAX 212 353 8306 ATC 011/014

ATC ASSOCIATES, INC.

INDOOR AIR QUALITY FIELD REPORT

Time: 931 AM LOCATION: PS 89 M DATE: 6/13/02 PROJECT NO: 19125-0297

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m^3)	TVOCs (ppm)
430	19	75.1	50.1	1003	1	11	0
428 HALLWAY	0	75.2	50.4	562	1	16	0
426	2	74.7	49.2	610	1	15	0
HALLWAY BY STAIR #2	3	75.2	50.2	588	1	11	0
410 HALLWAY	0	75.6	50.2	571	1	10	0
408 HALLWAY	0	75.4	50.2	601	1	9	0
NEXT TO ELEVATOR BANK	1	75.1	50.4	610	1	13	0
404	0	75.2	48.8	641	1	12	0
401 HALLWAY	0	74.7	50.6	626	1	15	0
402	0	75.2	48.7	577	1	14	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: _____

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

Signature: _____ Date: 6/13/02

CITY_21MC100_009261483

NYC-WTC_000340481

NYC 9/11 Public Portal Document

06/14/2002 13:36 FAX 212 353 8306 ATC 012/014

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 10:01 AM LOCATION: PS 89 DATE: 6/13/02 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 #2 HALLWAY	1	73.7	52.2	561	1	18	0
526	25	74.6	51.2	1026	1	16	0
528	28	74.6	51.2	1128	1	19	0
517	6	74.9	51.6	801	1	11	0
530 HALLWAY	6	73.9	52.4	591	1	10	0
532	30	74.8	52.2	1086	1	17	0
514	0	73.6	51.6	541	1	12	0
419	4	75.1	50.6	626	1	12	0
419 HALLWAY	3	73.9	52.4	610	1	19	0
432	25	75.1	50.4	1013	1	13	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:** 6/13/02

CITY_21MC100_009261484

NYC-WTC_000340482

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 10:26 AM LOCATION: PS 59 DATE: 6/13/02 PROJECT NO: 19185-0297

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
NEXT TO STAIR #4	1	74.6	49.1	575	1	17	0
219	23	74.4	49.7	1161	1	17	0
232	20	74.3	48.6	1049	1	16	0
230	15	74.3	48.9	959	1	11	0
217 HALLWAY	0	74.6	50.4	701	1	18	0
228	0	74.2	48.5	606	1	19	0
226	0	74.1	47.9	581	1	12	0
AUDITORIUM	0	73.6	50.6	686	1	15	0
204	1	74.4	48.4	989	1	14	0
202	1	75.0	49.1	626	1	10	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: 6/13/02

06/14/2002 13:37 FAX 212 353 8306 ATC 013/014

CITY_21MC100_009261485

NYC-WTC_000340483

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 10:50 AM LOCATION: PS 89 DATE: 6/13/02 PROJECT NO: 19125-0297

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
EASTSIDE OF ROOM 208	6	73.6	48.6	891	1	18	0
EASTSIDE of ROOM 201	0	74.1	48.7	593	1	16	0
NEXT TO ELECTRICAL CLOSET 2ND FLOOR	0	74.6	49.1	601	1	11	0
INSIDE RM 206	0	74.3	49.6	610	1	14	0
NEXT TO RM 224	2	73.9	47.1	747	1	19	0
NEXT TO SOUTHSIDE of ROOM 217	1	74.6	47.5	590	1	20	0
NEXT TO ROOM 217	0	74.9	48.1	588	1	15	0
NEXT TO STAIRS #2 2ND FLOOR	0	74.9	48.6	602	1	16	0
SOUTH END of HALLWAY 2ND FLOOR	0	74.7	49.9	626	1	13	0
NORTH END of 2ND FLOOR HALLWAY	0	74.8	49.8	631	1	10	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: 6/13/02

06/14/2002 13:37 FAX 212 353 8306 ATC 014/014

CITY_21MC100_009261486

NYC-WTC_000340484