NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 8:01 AM LOCATION: PS 89 DATE: 6/25/02 PROJECT NO: 19125.0297

Location OUTSIDE	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
SOUTH EXIT	0	81.1	58.2	528	2	122	0
PLAY GROUND N	1	81.1	58.1	531	2	121	0
PLAY GROUND S	0	81.4	57.1	533	2	122	0
SE CORNER	0	80.9	57.1	541	2	110	0
EAST SIDE	1	80.9	57.1	529	2	119	0
N/W CORNER	0	81.3	57.1	549	2	116	0
NORTH EXIT	0	81.6	58.6	556	2	116	0
S/W CORNER	1	81.6	58.2	559	2	114	0
NEXT TO AIR INTAKE	0	81.5	58.3	551	2	119	0
NORTH CORNER	0	81.5	58.3	583	2	120	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: 6/25/02

CITY_21MC100_002863502

NYC-WTC_000369366

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 0930 LOCATION: PS 89 DATE: 6/25/02 PROJECT NO: 19185-0297

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
HALLWAY NEXT TO CAFETERIA	1	74.1	49.6	561	2	52	C
NORTH EXIT	0	76.8	50.2	541	2	50	C
DANCE PERM	2	73.9	49.1	560	2	49	C
CAFETERIA	31	73.8	49.3	484	2	50	C
HALLWAY BY RM 126	0	76.1	49.6	581	2	45	C
132 A	1	74.1	49.3	599	2	50	C
132 B	0	74.3	48.1	580	2	51	0
132 C	1	74.1	48.3	589	2	52	0
132 D	1	73.9	48.3	581	2	46	0
SOUTH EXIT	0	73.6	48.6	566	2	48	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: 6/25/02

CITY_21MC100_002863503

NYC-WTC_000369367

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 8:50 AM LOCATION: PS 89 DATE: 6/25/02 PROJECT NO: 19125-C297

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
308	0	73.9	47.9	603	2	22	C
310	2	73.2	47.3	681	2	26	C
314 HALL	1	73.6	50.3	589	2	31	C
316	0	73.6	47.1	571	2	29	C
HALLWAY BY STAIR #2	0	74.5	50.1	550	2	36	C
326	21	73.6	45.6	1027	2	30	C
325	16	73.9	48.7	941	2	29	C
330	20	74.1	45.7	1143	2	26	C
314	~~23~~	75.5	48.1	610	2	29	C
332	23	75.1	48.1	1241	2	31	C
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: 6/25/02

CITY_21MC100_002863504

NYC-WTC_000369368

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 9:11 AM LOCATION: PS 89 DATE: 6/25/02 PROJECT NO: 19185.0297

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
301	0	73.8	51.3	620	2	31	0
301 HALLWAY	0	74.1	49.6	599	2	32	0
302	24	75.6	51.1	1089	2	30	0
HALLWAY NEXT TO ELEVATOR BANK	1	74.6	50.2	610	2	29	0
304	14	75.3	49.9	861	2	26	0
HALLWAY NEXT TO ELEVATOR BANK	2	74.9	50.1	640	2	25	0
306	21	73.6	49.6	1021	2	20	0
308 HALLWAY	3	74.3	49.1	649	2	28	0
315 HALLWAY	0	75.1	49.9	589	2	29	0
315 GYM	2	72.1	47.3	620	2	26	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: 6/25/02

CITY_21MC100_002863505

NYC-WTC_000369369

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 9 30 AM LOCATION: PS 89 M DATE: 6/25/02 PROJECT NO: 19185-C277

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
430	0	74.6	49.9	581	1	19	0
428 Hallway	0	74.1	49.6	599	1	26	0
426	0	76.3	52.1	549	1	40	0
Hallway by stair #2	1	74.6	49.3	597	1	38	0
410 Hallway	3	75.1	50.9	710	1	25	0
408 Hallway	2	75.1	51.1	660	1	22	0
Next to elevator bank	1	74.7	49.6	640	1	22	0
404	22	73.6	49.3	1121	1	20	0
401 Hallway	0	74.3	49.3	601	1	19	0
402	0	76.1	52.4	621	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: _____

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

Signature: [signature] Date: 6/25/02

CITY_21MC100_002863506

NYC-WTC_000369370

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 10 00 AM LOCATION: PS 89 DATE: 6/25/02 PROJECT NO: 1485 · 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	75.1	51.3	603	2	26	0
526	0	74.1	51.6	586	2	18	0
525	25	73.2	51.1	1016	2	20	0
517	7	73.9	50.6	529	2	28	0
516 HALLWAY	1	74.1	50.1	616	2	36	0
512	20	74.3	50.1	1009	2	39	0
514	0	72.4	48.6	606	2	19	0
419	0	73.3	50.1	610	2	26	0
419 HALLWAY	0	74.1	49.1	599	2	41	0
432	~~0~~	73.6	48.9	~~1009~~	2	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: 6/25/02

CITY_21MC100_002863507

NYC-WTC_000369371

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 10:30 AM LOCATION: PS 89 DATE: 6/25/02 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	3	75.6	51.6	681	2	31	0
219	0	74.3	49.8	588	2	36	0
232	13	75.6	51.9	1002	2	30	0
230	16	75.9	51.6	1232	2	31	0
217 HALLWAY	0	74.9	50.1	610	2	28	0
225	13	76.1	52.4	1043	2	29	0
226	10	74.3	50.3	991	2	19	0
AUDITORIUM	4	74.1	50.7	801	2	21	0
204	21	72.9	48.3	1281	2	21	0
202	25	73.1	49.1	1293	2	23	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: 6/25/02

CITY_21MC100_002863508

NYC-WTC_000369372

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 11:00 AM LOCATION: PS 89 DATE: 6/25/02 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	7	74.6	49.8	801	2	20	0
EASTSIDE of ROOM 201	0	75.1	51.6	581	2	19	0
NEXT TO ELECTRICAL CLOSET 2ND FLOOR	0	75.1	52.8	599	2	16	0
INSIDE RM 206	0	76.1	53.9	601	2	20	0
NEXT TO RM 224	1	74.1	50.6	626	2	21	0
NEXT TO SOUTHSIDE of ROOM 217	0	74.3	50.9	591	2	18	0
NEXT TO ROOM 217	0	74.1	49.9	566	2	31	0
NEXT TO STAIRS #2 2ND FLOOR	0	73.9	48.6	570	2	36	0
SOUTH END OF HALLWAY 2ND FLOOR	1	739	501	699	2	29	0
NORTH END OF 2ND FLOOR HALLWAY	3	739	49.6	710	2	38	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: 6/25/02

CITY_21MC100_002863509

NYC-WTC_000369373