NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 810

LOCATION PS89 M DATE 3/13/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
Playground North		45.6	81.3	470	0	59	0
Playground South		45.0	81.6	468	0	60	0
NE Corner Outside		44.6	81.9	465	0	58	0
East Side Outside		44.0	82.3	460	0	62	0
SE Corner Outside		43.8	82.6	454	0	59	0
South Exit Outside		44.0	83.0	450	0	62	0
SW Corner Outside		44.4	83.5	444	0	61	0
By Air Intake Outside		44.6	84.1	438	0	62	0
NW Corner Outside		44.1	84.3	431	0	60	0
North Exit Outside		43.8	84.9	428	0	62	0
Guideline levels ASHRAE/AIHA/EPA		68 -75°F/winter 73 -79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³ 24-hour average	1 ppm

Comments: Weather Conditions.

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

Signature: Jay Chu Date: 3/13/02

CITY_21MC100_006739305

NYC-WTC_000313331

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 830

LOCATION PS89 M DATE 3/13/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
501	1	76.3	25.6	529	0	15	0
501 (HALL)	—	76.5	25.5	522	6	16	0
502	1	76.0	25.8	510	0	17	0
Stair 3 Hall	—	75.9	26.3	531	0	19	0
504	1	75.4	26.3	522	0	24	0
Hall by Elevator	—	75.4	27.1	601	0	20	0
506	29	75.4	31.1	909	0	25	0
515 (HALL)	—	74.9	27.4	623	0	23	0
508	31	74.5	29.5	874	0	25	0
510 (HALL)	—	74.7	28.8	680	0	24	0
Guideline levels ASHRAE/AIHA/EPA		68 -75°F/winter 73 -79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³ 24-hour average	1 ppm

Comments: _____

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

Signature: _____ Date: 3/13/02

CITY_21MC100_006739306

NYC-WTC_000313332

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 900

LOCATION PS89 M DATE 3/13/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
510	26	75.0	33.0	931	0	32	0
512	3	74.8	30.4	753	0	25	0
520 (HALL)	—	74.6	28.5	641	0	28	0
524 (HALL)	—	74.3	28.1	603	0	26	0
526	32	74.3	31.7	909	0	23	0
528	29	73.7	29.1	869	0	29	0
517	2	73.6	27.6	608	0	22	0
517A	—	73.7	26.8	512	0	21	0
530 (HALL)	—	73.5	27.6	524	0	24	0
532	27	73.4	30.2	803	0	24	0
Guideline levels ASHRAE/AIHA/EPA		68 -75°F/winter 73 -79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³ 24-hour average	1 ppm

Comments: _____

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

Signature: _____ Date: 3/13/02

CITY_21MC100_006739307

NYC-WTC_000313333

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 930

LOCATION PS89 M DATE 3/13/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m^3)	TVOCs (ppm)
Hall by Stair 1	—	73.6	29.6	760	0	25	0
519	7	73.9	29.9	777	0	24	0
Stair #1	—	73.3	28.6	680	0	27	0
419	—	73.5	28.7	657	0	24	0
419 (HALL)	—	73.4	28.8	647	0	21	0
432	14	73.6	30.9	871	0	20	0
430	18	73.7	30.2	842	0	19	0
428 (HALL)	—	73.6	29.4	697	0	22	0
426	—	73.1	28.0	541	0	21	0
420 (HALL)	—	73.0	28.6	576	0	24	0
Guideline levels ASHRAE/AIHA/EPA		68 -75°F/winter 73 -79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m^3 24-hour average	1 ppm

Comments: _____

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

Signature: _____ Date: 3/13/02

CITY_21MC100_006739308

NYC-WTC_000313334

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 1000

LOCATION PS89 M DATE 3/13/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
410 (HALL)	2	73.4	29.1	668	0	24	0
408	28	73.8	32.9	939	0	23	0
406 (HALL)	—	73.8	30.2	686	0	24	0
404	28	74.2	33.7	899	0	30	0
401	1	74.0	28.6	599	0	16	0
402	29	73.9	31.5	945	0	25	0
Hall by Stair 3	—	74.1	30.0	718	0	23	0
301 (HALL)	—	73.6	28.5	545	0	26	0
302 (~~[illegible]~~)	~~[illegible]~~ 1	73.6	27.9 ~~[illegible]~~	536	0	16 ~~[illegible]~~	0
304	4	73.9	28.5	556	0	24	0
Guideline levels ASHRAE/AIHA/EPA		68 -75°F/winter 73 -79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³ 24-hour average	1 ppm

Comments: _____

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

Signature: [signature] Date: 3/13/02

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 1030

LOCATION PS89 M DATE 3/13/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
Hall by Elevator.		73.7	28.4	555	0	26	0
306	15	73.9	28.8	758	0	30	0
315	30	72.4	29.9	588	0	28	0
308	4	73.3	29.8	587	0	35	0
310	5	73.1	29.5	606	0	30	0
312(HALL)	—	73.0	29.6	600	0	29	0
Hall by Stair 2	—	72.4	29.0	587	0	28	0
326	15	73.1	30.7	793	0	19	0
328 (HALL)	—	72.4	29.4	617	0	25	0
330	19	72.7	30.2	684	0	26	0
Guideline levels ASHRAE/AIHA/EPA		68 -75°F/winter 73 -79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³ 24-hour average	1 ppm

Comments: _____

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

Signature: _____ Date: 3/13/02

CITY_21MC100_006739310

NYC-WTC_000313336

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 1100

LOCATION PS89 M DATE 3/13/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
332	16	72.8	30.0	744	0	20	0
319	—	72.8	28.5	594	0	19	0
319 (HALL)	—	72.8	29.4	602	0	24	0
219	2	73.3	29.6	545	0	30	0
232	15	73.1	29.8	646	0	25	0
230	13	73.1	29.7	679	0	23	0
217C (HALL)	—	73.2	29.4	605	0	24	0
228	12	73.6	30.1	680	0	25	0
226	10	73.9	30.1	630	0	32	0
Auditorium		71.6	28.3	496	0	22	0
Guideline levels ASHRAE/AIHA/EPA		68 -75°F/winter 73 -79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³ 24-hour average	1 ppm

Comments: _____

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

Signature: _____ Date: 3/13/02

CITY_21MC100_006739311

NYC-WTC_000313337

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 1130

LOCATION PS89 M DATE 3/13/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
204	23	72.7	31.2	810	0	20	0
201	—	73.5	29.5	568	0	15	0
202	27	73.8	31.5	818	0	28	0
SouthEast Inside	—	73.6	30.1	639	0	25	0
Hall by Elevator	—	73.7	29.5	552	0	23	0
Cafeteria	—	73.0	29.3	520	0	23	0
North Exit inside	—	73.3	29.5	589	0	25	0
Dance Room	1	73.5	28.8	557	0	14	0
132C	1	73.2	29.3	588	0	19	0
132D	—	73.5	29.4	591	0	21	0
Guideline levels ASHRAE/AIHA/EPA		68 -75°F/winter 73 -79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³ 24-hour average	1 ppm

Comments: _____

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

Signature: _____ Date: 3/13/02

CITY_21MC100_006739312

NYC-WTC_000313338