NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 8:00

LOCATION PS89 M DATE 2/1/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	CO_2 Concentration (ppm)	Carbon Monoxide (ppm)	Respirable Particulate (ug/m³)	TVOC (ppm)
Outdoors Playground North		46.9	43.1	503	1	41	0
NE Corner		46.3	44.0	499	1	40	0
NW Corner		46.2	44.3	510	1	45	0
Playground South		46.8	43.3	507	1	43	0
SE Corner		46.4	44.0	519	1	42	0
SW Corner		46.7	44.9	529	1	40	0
OUTSIDE Exit North		46.1	45.1	570	1	40	0
OUTSIDE Exit South.		46.9	44.3	561	1	41	0
Hall by Cafeteria		68.5	34.3	699	0	29	0
Hall by Elevator		70.0	35.1	609	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: 2/1/02

CITY_21MC100_013429183

NYC-WTC_000404283

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 8:30

LOCATION PS89 M DATE 2/1/02 PROJECT NO. 19125-297

Location	Odor	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Particulate Concentration (ug/m³)	TVOC (ppm)
Inside North Exit		69.2	339	730	1	27	0
Inside South Exit		69.0	34.1	721	1	23	0
Room 202	—	68.1	38.2	541	0	19	0
201	—	68.7	34.9	650	0	15	0
204		68.8	33.9	535	0	21	0
Auditorium	—	68.4	34.2	526	0	24	0
Hall by Stairs	—	68.3	34.2	531	0	24	0
226	—	66.5	33.9	519	0	29	0
232	—	67.1	33.5	508	0	15	0
219 (HALL)	—	66.9	33.1	523	0	20	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: 2/1/02

CITY_21MC100_013429184

NYC-WTC_000404284

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 9:00

LOCATION PS89 M DATE 2/1/02 PROJECT NO. 19125-297

Location	Occupy	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulate (ug/m³)	TVOC (ppm)
501	26	71.2	36.0	720	0	22	0
502	3	72.2	35.0	730	0	25	0
504	31	71.8	38.3	1329	0	25	0
506	30	71.7	36.9	1309	0	19	0
508	4	70.9	32.8	709	0	20	0
510	27	71.1	35.6	1315	1	29	0
512 (HALL)	—	70.8	32.6	654	1	26	0
526	30	72.2	35.3	1044	0	24	0
Library	4	72.4	31.2	635	0	18	0
519	15	73.5	36.3	1190	0	14	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: 504, 506, 510, 526, 519 will be checked again in the afternoon.

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

Signature: [signature] Date: 2/1/02

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 930

LOCATION PS89 M DATE 2/1/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Particulates (ug/m³)	TVOC (ppm)
419	5	71.3	31.1	700	1	23	0
426	2	69.1	30.7	681	1	25	0
424 (HALL)	—	69.0	30.4	671	1	24	0
410 (HALL)	—	68.9	30.9	634	1	23	0
408	5	69.6	30.9	650	1	12	0
406	5	69.4	31.0	652	1	19	0
404	28	70.3	32.5	786	1	24	0
402	30	71.1	34.8	1249	D	25	0
401	—	70.3	32.5	801	0	16	0
Hall by Stair 3	—	70.5	31.5	681	0	18	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: 402 will be checked again in the afternoon.

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

Signature: Greg Chu Date: 2/1/02

CITY_21MC100_013429186

NYC-WTC_000404286

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 1000

LOCATION PS89 M DATE 2/1/02 PROJECT NO. 19125-297

Location	Occup.	Temp (°F)	Rel. Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOC (ppm)
301	—	70.8	31.5	624	1	16	0
302	—	70.8	21.3	618	1	26	0
Hall by Elevator	—	69.9	31.5	611	1	27	0
Gym	32	69.9	32.2	662	1	28	0
310		69.6	32.1	645	1	19	0
318 (HALL)		69.3	31.9	640	1	26	0
326 (HALL)		68.3	32.2	633	1	29	0
328 (HALL)		68.3	32.4	642	1	28	0
332 (HALL)		68.3	32.5	624	1	25	0
Stair #1		68.7	32.3	587	1	28	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: Jing Chang Date: 2/1/02

CITY_21MC100_013429187

NYC-WTC_000404287

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 10:45

LOCATION PS89 M DATE 2/1/02 PROJECT NO. 19125-297

Location	Occupied	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Particulates (ug/m³)	TVOC (ppm)
Playground North		47.1	43.0	517	1	39	0
Playground South		46.5	45.0	499	1	40	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: Jay Chang Date: 2/1/02

CITY_21MC100_013429188

NYC-WTC_000404288