NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 800

LOCATION PS89 M DATE 5/10/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
Outside AM. Reading		68.9	53.0	648	1	100	0.0
South Exit AM Reading		70.0	53.5	702	1	50	0.0
By Main Deck (Inside) Playground N		69.9	53.5	656	1	95	0.0
Playground S		69.7	53.9	650	1	94	0.0
NE Corner		69.4	54.3	655	1	95	0.0
East		69.1	54.6	657	1	96	0.0
SE		68.9	54.8	661	1	94	0.0
North Exit		68.6	55.0	658	1	92	0.0
NW Corner		68.3	55.3	655	1	94	0.0
SW Corner		68.6	55.5	651	1	90	0.0
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**

See next page

Comments: _____

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

Signature: Jay Chay Date: 5/10/02

CITY_21MC100_009261625

NYC-WTC_000340655

NYC 9/11 Public Portal Document

TIME 830

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION PS/IS89M DATE 5/10/02 PROJECT NO. 19125-0297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m^3)	TVOCs (ppm)
Hall by Elevator		72.6	50.6	725	1	47	0.0
Cafeteria		72.0	50.2	732	1	44	0.0
Hall by Cafeteria		73.5	50.1	750	1	46	0.0
Dance Room	(62) Full	73.2	53.6	1362	1	35	0.0
North Exit		73.0	50.4	811	1	44	0.0
132A		71.1	47.9	741	1	34	0.0
132B		70.9	47.8	739	1	31	0.0
132C	1	70.6	48.0	737	1	30	0.0
132D		70.8	48.6	760	1	22	0.0
Hall by Stair 1		70.1	49.6	732	1	47	0.0
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: Jay Chay Date: 5/10/02

CITY_21MC100_009261626

NYC-WTC_000340656

NYC 9/11 Public Portal Document

TIME 9:00

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION PS/IS89M DATE 5/10/02 PROJECT NO. 19125-0297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m^3)	TVOCs (ppm)
501	29	73.3	50.0	930	1	27	0.0
502	1	72.8	49.3	799	1	37	0.0
501 (HALL)		72.6	49.2	804	1	36	0.0
504	26	73.9	53.8	1280	1	47	0.0
Stair 3 (HALL)		73.8	50.6	888	1	40	0.0
506	34	74.3	53.6	1344	1	25	0.0
515		74.0	46.0	790	1	28	0.0
515 (HALL)		73.7	47.1	797	1	34	0.0
508		74.1	47.1	804	1	39	0.0
510 (HALL)		74.4	46.6	812	1	35	0.0
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: 5/10/02

CITY_21MC100_009261627

NYC-WTC_000340657

NYC 9/11 Public Portal Document

TIME 930

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION PS/IS89M DATE 5/10/02 PROJECT NO. 19125-0297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m^3)	TVOCs (ppm)
510	25	76.0	51.5	1259	2	43	0.0
512	1	75.1	47.1	888	2	28	0.0
Stair 2 (HALL)		74.1	46.5	838	2	37	0.0
526	29	74.9	49.3	1534	2	30	0.0
528	1	74.1	46.8	950	2	38	0.0
517		74.3	45.6	753	2	32	0.0
530 (HALL)		74.0	45.8	760	2	33	0.0
532	26	74.3	48.2	1149	2	43	0.0
519	11	74.2	48.3	1147	2	40	0.0
Stair 1 (HALL)		73.9	46.7	886	2	34	0.0
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: 5/10/02

CITY_21MC100_009261628

NYC-WTC_000340658

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 1000

LOCATION PS/IS89M DATE 5/10/02 PROJECT NO. 19125-0297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
419	5	74.0	45.3	990	1	20	0.0
432	28	74.2	47.6	1194	1	24	0.0
430	16	73.9	46.4	1021	1	26	0.0
428 (HALL)		73.5	46.4	916	1	31	0.0
426	1	73.7	46.3	766	1	39	0.0
Stair 2 (HALL)		73.7	46.5	750	1	36	0.0
410 (HALL)		73.7	46.7	803	1	33	0.0
408		74.1	47.4	745	1	21	0.0
406 (HALL)		73.8	46.6	76.2	1	32	0.0
404	29	75.3	54.3	1874	1	28	0.0
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: 5/10/02

CITY_21MC100_009261629

NYC-WTC_000340659

NYC 9/11 Public Portal Document

TIME 1030

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION PS/IS89M DATE 5/10/02 PROJECT NO. 19125-0297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
402	34	74.3	51.1	1820	1	36	0.0
401 (HALL)		73.8	47.7	950	1	31	0.0
302	17	74.8	47.9	1236	1	29	0.0
301 (HALL)		73.4	46.9	835	1	30	0.0
Stair 3 (HALL)		74.2	47.1	960	1	30	0.0
304	11	75.3	47.7	963	1	26	0.0
Elevator (HALL)		74.7	46.8	859	1	29	0.0
306	20	75.2	47.6	845	1	27	0.0
315	26	74.7	46.1	899	1	25	0.0
315 (HALL)		74.6	46.4	794	1	29	0.0
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: 5/10/02

CITY_21MC100_009261630

NYC-WTC_000340660

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 1100

LOCATION PS/IS89M DATE 5/10/02 PROJECT NO. 19125-0297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m^3)	TVOCs (ppm)
308		74.3	46.1	767	1	27	0.0
310	3	74.9	46.3	819	1	20	0.0
314 (HALL)	2	74.6	45.9	788	1	30	0.0
316 (HALL)		74.2	45.8	791	1	30	0.0
Stair 2 (HALL)		74.2	45.7	782	1	32	0.0
326	20	75.0	46.8	966	1	35	0.0
328 (HALL)	4	74.7	46.1	879	1	34	0.0
328	13	74.1	46.4	882	1	32	0.0
330	13	74.0	46.3	865	1	21	0.0
332	16	74.0	47.2	1060	1	35	0.0
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: Jing Chang Date: 5/10/02

CITY_21MC100_009261631

NYC-WTC_000340661

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME _____

LOCATION PS/IS89M DATE 5/10/02 PROJECT NO. 19125-0297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
319	2	73.7	44.8	899	1	30	0.0
232	17	72.3	46.5	1240	1	26	0.0
219	19	72.6	48.5	1310	1	23	0.0
230 (HALL)		72.7	47.2	884	1	27	0.0
228	14	73.3	48.3	1043	1	26	0.0
208 (HALL)		73.3	47.3	835	1	27	0.0
Auditorium		72.9	47.1	703	1	30	0.0
204	23	74.7	50.0	1460	1	36	0.0
202	5	74.2	48.5	920	1	27	0.0
Playground S		70.2	48.4	623	1	45	0.0
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: Jim Cheng Date: 5/10/02

CITY_21MC100_009261632

NYC-WTC_000340662