NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 800

LOCATION PS89 M DATE 4/23/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m^3)	TVOCs (ppm)
Outside 7:40AM.							
South Exit		47.9	31.8	450	0	20	0.0
SE Corner		47.9	32.0	448	0	18	0.0
East Side		47.8	32.2	440	0	19	0.0
NE Corner		47.5	32.5	450	0	18	0.0
North Exit		47.9	32.8	455	0	17	0.0
NW Corner		48.1	33.1	453	0	16	0.0
By Air Intake		47.6	33.3	447	0	17	0.0
SW Corner		47.2	33.7	449	0	19	0.0
Playground S		47.0	34.0	450	0	17	0.0
Playground N		46.8	34.3	444	0	18	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: 4/23/02

CITY_21MC100_000490139

NYC-WTC_000222504

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 830

LOCATION PS89 M DATE 4/23/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
South Exit		64.0	36.5	534	0	16	0.0
Hall by Elevator		64.3	36.2	536	0	17	0.0
Cafeteria		65.0	32.0	590	0	11	0.0
Hall by Cafeteria		64.4	31.0	549	0	13	0.0
Dance Rm.		65.4	30.4	501	0	7	0.0
North Exit		64.2	30.2	482	0	12	0.0
Hall by Stair-1		64.3	29.2	477	0	9	0.0
132 B		64.8	29.8	473	0	8	0.0
132 C		65.4	29.9	472	0	5	0.0
132 D		65.5	29.8	481	0	5	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: 4/23/02

CITY_21MC100_000490140

NYC-WTC_000222505

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 900

LOCATION PS89 M DATE 4/23/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
501		68.3	29.4	494	0	5	0.0
502	31	68.3	29.6	665	0	8	0.0
502 (HALL)		68.6	29.0	611	0	9	0.0
504	27	69.0	29.2	725	0	12	0.0
Hall by Elevator	-	68.9	28.7	670	0	9	0.0
506	31	69.6	31.3	839	0	12	0.0
515	2	69.4	29.9	646	0	7	0.0
508	28	70.8	30.4	867	0	11	0.0
510	34	70.6	32.8	1050	0	10	0.0
512 (HALL)		69.5	27.5	730	0	11	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 Chey Date: 4/23/02

CITY_21MC100_00049014

NYC-WTC_000222506

NYC 9/11 Public Portal Document

TIME 930

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION PS89 M DATE 4/23/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
526	1	69.6	27.3	590	0	7	0.0
Hall by Stair 2	—	69.5	26.3	575	0	8	0.0
528	24	69.4	26.6	735	0	9	0.0
517	1	68.7	26.3	566	0	6	0.0
530(HALL)	—	68.5	26.4	558	0	8	0.0
532 (HALL)	—	69.0	27.2	654	0	10	0.0
519 (HALL)	—	69.1	27.5	656	0	10	0.0
419	2	69.8	27.2	622	0	6	0.0
432	16	69.9	29.5	732	0	8	0.0
Hall by Stair 1	—	69.8	28.0	666	0	7	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: Testing 532, 519

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

Signature: _____ Date: _____

CITY_21MC100_00049014 2

NYC-WTC_000222507

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 1000

LOCATION PS89 M DATE 4/23/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
430	19	70.2	29.1	821	0	7	0.0
428 (HALL)	5	69.4	26.8	670	0	9	0.0
426	27	69.5	27.1	825	0	13	0.0
410 (HALL)		68.8	25.4	639	0	12	0.0
408	32	70.1	29.6	938	0	6	0.0
406 (HALL)		69.5	26.4	684	0	10	0.0
404	22	69.9	28.1	792	0	9	0.0
401	1	69.5	26.2	599	0	6	0.0
402 (HALL)	-	69.1	25.8	633	0	9	0.0
Hall by #3	-	69.3	26.1	640	0	9	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: 4/23/02

CITY_21MC100_000490143

NYC-WTC_000222508

NYC 9/11 Public Portal Document

TIME 1030

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION PS89 M DATE 4/23/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
301	20	69.8	26.1	575	0	9	0.0
302	16	69.2	27.6	728	0	8	0.0
304	15	69.5	27.1	698	0	12	0.0
304(HALL)	—	69.2	23.8	653	0	11	0.0
306	—	69.3	25.8	616	0	10	0.0
308	—	68.9	24.9	543	0	9	0.0
307(HALL)	—	68.9	24.9	534	0	12	0.0
315(HALL)		69.0	25.0	540	0	13	0.0
315		68.7	24.8	512	0	10	0.0
308(HALL)		69.1	25.2	548	0	12	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: 4/23/02

CITY_21MC100_000490144

NYC-WTC_000222509

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 1100

LOCATION PS89 M DATE 4/23/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
310		69.4	25.7	521	0	8	0.0
314(HALL)		69.0	24.9	516	0	12	0.0
316 (HALL)		68.7	24.6	530	0	11	0.0
326	20	68.7	25.8	611	0	8	0.0
328	15	68.5	25.3	673	0	9	0.0
330	16	68.1	26.2	680	0	8	0.0
332	18	68.4	26.8	639	0	10	0.0
319(HALL)		68.3	25.5	587	0	9	0.0
Hall by Stair 1		68.2	25.3	570	0	9	0.0
Stair 1		67.9	25.5	572	6	11	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: 4/23/02

CITY_21MC100_000490145

NYC-WTC_000222510

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 1130

LOCATION PS89 M DATE 4/23/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
219 (HALL)		67.6	26.0	594	0	8	0.0
232	17	67.8	30.2	746	0	12	0.0
230 (HALL)	-	67.7	26.7	606	6	8	0.0
230	20	67.9	28.2	677	0	7	0.0
228	13	68.0	26.6	656	0	8	0.0
217C (HALL)	-	67.7	25.2	566	0	9	0.0
226 (HALL)	-	67.6	23.0	538	0	8	0.0
Auditorium	-	67.0	24.8	535	0	8	0.0
204	24	68.8	28.4	785	0	7	0.0
202	25	68.3	28.5	800	0	10	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: 4/23/02

CITY_21MC100_000490146

NYC-WTC_000222511