NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 8:00

LOCATION PS89 M DATE 4/15/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
Outside							
South Exit		68.0	57.1	491	2	32	0
SE Corner		68.1	57.3	486	2	30	0
East Side		67.8	57.6	490	2	34	0
NE Corner		67.5	58.0	494	2	29	0
North Exit		67.3	58.5	498	2	34	0
NW Corner		67.6	58.9	503	2	30	0
By Air Intake		67.4	59.3	489	2	28	0
SW Corner		67.1	60.0	507	2	31	0
Playground N		67.4	62.3	513	2	30	0
Playground S		67.3	63.0	509	2	32	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: 4/15/02

CITY_21MC100_000490085

NYC-WTC_000222474

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 830

LOCATION PS89 M DATE 4/15/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
Hall by Cafeteria		71.1	64.6	560	2	23	0
Cafeteria		71.6	63.8	660	2	18	0
Dance Room		71.7	60.0	515	2	13	0
North Exit		71.6	61.1	530	2	19	0
132 (HALL)		71.2	61.2	517	2	24	0
Hall by Stair 2		71.1	61.2	538	2	24	0
South Exit		72.2	60.7	548	2	24	0
Hall by Stair 3		72.3	60.6	569	2	24	0
107 (HALL)		72.6	59.9	566	2	23	0
Hall by Elevator		72.5	59.4	570	2	23	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: 4/15/02

CITY_21MC100_000490086

NYC-WTC_000222475

NYC 9/11 Public Portal Document

TIME 900

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION PS89 M DATE 4/15/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
501	2	76.1	57.4	530	2	14	0
502	26	75.9	53.1	718	2	18	0
501 (HALL)	-	75.1	58.8	870	2	24	0
504 (HALL)	-	76.0	54.1	728	2	23	0
506	-	75.9	52.1	642	2	18	0
515 (HALL)	-	75.6	53.8	764	2	23	0
508	30	76.1	53.9	845	2	36	0
510	28	77.0	57.0	1160	2	26	0
512 (HALL)	-	75.6	52.7	789	2	24	0
Hall by Sta. - 2	-	75.6	52.3	687	2	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: 4/15/02

CITY_21MC100_000490087

NYC-WTC_000222476

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 930

LOCATION PS89 M DATE 4/15/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
526	30	76.1	54.1	885	2	15	0
528	28	76.0	54.3	980	2	22	0
517	1	75.5	50.6	587	2	19	0
530 (HALL)	—	75.3	51.2	637	2	21	0
532	28	75.6	52.5	740	2	21	0
519	11	75.7	52.2	844	2	18	0
Hall by Stair 1	—	75.8	53.2	806	2	21	0
419	—	74.8	51.5	602	2	19	0
432	—	74.9	49.6	564	2	11	0
419(HALL)		75.0	51.6	576	2	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: 4/15/02

CITY_21MC100_000490088

NYC-WTC_000222477

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 1000

LOCATION PS89 M DATE 4/15/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m^3)	TVOCs (ppm)
428	1	75.0	50.5	611	2	13	0
428 (HALL)		75.0	53.1	635	3	21	0
426	1	75.3	51.6	630	3	18	0
Hall by Stair 2	–	75.4	53.2	647	3	23	0
410 (HALL)		75.7	53.7	698	3	22	0
408	30	77.0	56.8	1120	3	15	0
415	1	76.0	50.3	660	3	20	0
Hall by Elevator	–	76.1	52.5	683	3	22	0
404	29	77.3	56.0	1097	3	24	0
401	–	77.0	49.2	566	3	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/m^3 24-hour average	1 ppm

Comments: _____

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

Signature: _____ Date: 4/15/02

CITY_21MC100_000490089

NYC-WTC_000222478

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 1030

LOCATION PS89 M DATE 4/15/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
401 (HALL)	-	76.5	51.9	662	3	22	0
402	28	77.3	55.3	1290	3	24	0
301	-	77.1	48.2	563	3	14	0
302	16	77.3	50.6	802	3	19	0
304	14	78.0	50.6	810	3	18	0
Hall by Stair 3	-	77.2	49.6	626	3	19	0
306	19	78.2	49.2	940	3	22	0
307 (HALL)		77.5	49.2	663	3	19	0
315	36	76.5	50.0	636	3	22	0
315 (HALL)		77.2	49.5	654	3	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: 4/15/02

CITY_21MC100_000490090

NYC-WTC_000222479

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 1100

LOCATION PS89 M DATE 4/15/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m^3)	TVOCs (ppm)
308	—	76.9	48.2	589	3	15	0
310	2	78.0	49.1	599	3	14	0
314 (HALL)	—	77.0	49.5	619	3	19	0
316	1	78.0	49.1	634	3	10	0
Hall by Stair 2	—	71.1	49.2	583	3	19	0
326	18	77.2	50.0	826	3	15	0
328	15	76.9	49.9	812	3	14	0
330	15	76.6	49.7	874	3	15	0
332	15	76.2	49.9	783	3	12	0
319 (HALL)	—	75.7	49.2	637	3	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/m^3 24-hour average	1 ppm

Comments: _____

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

Signature: _____ Date: 4/15/02

CITY_21MC100_000490091

NYC-WTC_000222480

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 1130

LOCATION PS89 M DATE 4/15/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
219	-	74.5	48.1	586	3	13	0
232	17	74.5	50.0	627	3	22	0
230	10	74.8	49.7	764	3	12	0
217C (HALL)	-	74.6	50.8	702	3	17	0
228	15	75.3	51.2	820	3	15	0
226 (HALL)		75.0	51.1	639	3	18	0
217 (Auditorium)		74.6	51.8	530	3	19	0
204	25	77.0	52.9	1049	3	10	0
202	22	77.3	52.7	760	3	17	0
201 (HALL)		76.6	51.0	612	3	19	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: 4/15/02

CITY_21MC100_000490092

NYC-WTC_000222481