NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 8:00

LOCATION PS89M DATE 1/17/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
South Side of Playground		45.5	25.4	438	0	46	0
North Side of Playground		45.9	28.0	430	0	41	0
South Side Exit		68.3	33.0	541	0	31	0
Elevator (HALL)		69.2	29.0	478	0	31	0
Cafeteria.		67.1	24.8	454	0	23	0
Dance Room		67.5	24.2	460	0	23	0
Hall by Cafeteria.		67.4	24.0	459	0	26	0
Exit to P.G. (HALL) North side		67.9	24.4	499	0	27	0
132 (HALL)		68.4	24.0	462	0	29	0
North Exit.		68.9	23.5	480	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: Jay Clay Date: 1/17/02

CONFIDENTIAL, SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CITY_21MC100_014659977

NYC-WTC_000236972

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 8:25

LOCATION 89M DATE 1/17/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m^3)	TVOCs (ppm)
501	1	74.2	21.9	465	0	19	0
502	1	75.2	20.9	449	0	26	0
Hall by stair #3	—	74.8	20.8	455	0	31	0
504	1	78.0	23.3	629	0	29	0
506	2	76.3	19.4	499	0	28	0
509 (HALL)	—	74.7	19.0	465	0	34	0
WINDOW #1 OPEN HALL by stair #2	—	71.7	19.1	453	0	36	0
528	3	72.5	20.2	499	0	28	0
519	3	71.7	20.0	533	0	26	0
532	3	72.0	20.0	464	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/m^3 24-hour average	1 ppm

Comments: _____

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

Signature: Jim Chan Date: 1/17/02

CONFIDENTIAL, SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CITY_21MC100_014659978

NYC-WTC_000236973

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 8:55

LOCATION M89 DATE 1/17/02 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	–	71.2	21.0	499	0	25	0
419	2	71.3	20.9	491	0	23	0
430	–	71.4	20.7	449	0	23	0
426	1	71.4	20.7	465	0	28	0
Hall by 416	–	70.7	20.9	460	0	27	0
415	–	70.8	20.6	449	0	24	0
408	2	71.8	21.3	460	0	19	0
406	2	74.1	21.7	572	0	26	0
404	1	73.6	20.6	455	0	22	0
401 (Hall)	–	73.0	20.4	460	0	25	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: Jim Chen Date: 1/17/02

CONFIDENTIAL, SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CITY_21MC100_014659979

NYC-WTC_000236974

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 9:25

LOCATION M89 DATE 1/17/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m^3)	TVOCs (ppm)
302	—	72.6	20.4	455	0	25	0
301 (HALL)	—	72.1	20.6	460	0	25	0
315 (Gym)	—	70.3	21.1	465	0	25	0
310 (HALL)	—	69.7	21.0	470	0	26	0
324 (HALL)	—	69.3	21.3	455	0	26	0
326	—	70.0	21.4	449	0	28	0
328 (HALL)	—	69.4	21.7	458	0	26	0
319	—	68.3	21.4	454	0	25	0
333 (HALL)	—	68.2	21.8	466	0	26	0
stair #1	—	68.1	22.2	471	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/m^3 24-hour average	1 ppm

Comments: _____

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

Signature: _____ Date: 1/17/02

CONFIDENTIAL, SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CITY_21MC100_014659980

NYC-WTC_000236975

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 9:50

LOCATION M89 DATE 1/17/02 PROJECT NO. 19125-297

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
219	—	68.6	22.7	460	0	39	0
232	—	68.5	22.8	468	0	38	0
228	—	69.1	22.8	470	0	40	0
(Hall) 217	—	69.3	23.1	480	0	37	0
226	—	69.7	22.6	469	0	41	0
208	3	70.0	24.3	600	0	44	0
Hall by Elevator	—	70.4	23.0	480	0	37	0
201	—	71.1	22.2	448	0	30	0
202	—	70.1	21.9	445	0	40	0
Hall by Stair # 3	—	70.2	21.8	446	0	35	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: Jin Chen Date: 1/17/02

CONFIDENTIAL, SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CITY_21MC100_014659981

NYC-WTC_000236976