NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 0800

LOCATION M894 DATE 2-5-02 PROJECT NO. 19125.0290

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(µg/m³)	TVOCs (ppm)
206	—	70.5	19.1	442	0	5	0
2ND FLOOR BY ELEVATORS	—	72.0	19.5	454	1	6	0
2ND FLOOR STAIRWELL A	—	72.2	19.6	449	1	6	0
1ST FLOOR BY ELEVATORS	—	68.1	18.3	598	1	23	0
1ST FLOOR BY MAIN ENTRANCE	34	63.8	17.6	481	1	19	0
1406 by STAIR B	16	66.2	20.9	463	0	8	0
1406 BY SERVING LINE	16	65.8	20.8	489	0	6	0
1403	3	65.2	22.9	796	1	7	0
14th FLOOR HALL BY ELEVATORS	—	65.9	20.8	541	1	10	0
14th FLOOR STAIRWELL A	—	65.3	21.3	551	1	8	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: Maxwell Mehlich Date: 2-5-02

CITY_21MC100_003058828

NYC-WTC_000335331

NYC 9/11 Public Portal Document

TIME 0835

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION M 894 DATE 2-5-02 PROJECT NO. 19125.0290

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m^3)	TVOCs (ppm)
1306 CENTER	1	66.5	19.9	430	0	4	0
1303	—	65.3	19.5	421	1	5	0
1311	—	66.7	19.7	476	1	4	0
1306 BY 1317A	—	67.8	19.8	504	1	4	0
13TH FLOOR HALL BY ELEVATORS	—	67.9	20.0	526	1	7	0
12TH FLOOR STAIRWELL A	—	66.5	20.3	522	1	6	0
1203	1	66.8	20.6	611	1	4	0
1205	16	67.2	21.2	662	1	5	0
1215	14	68.5	20.6	636	1	5	0
1206	5	68.1	19.6	533	1	5	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: Darnell Mehlich **Date:** 2-5-02

CITY_21MC100_0030588829

NYC-WTC_000335332

TIME 0855

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION WL 894 DATE 2-5-02 PROJECT NO. 19125.0290

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
1105	13	67.8	20.5	674	1	7	0
1109	20	67.9	22.0	803	1	3	0
1115	14	68.4	21.7	776	1	4	0
1106	25	68.7	22.2	809	1	5	0
11th FLOOR HALL BY ELEVATORS	—	68.8	21.1	772	1	6	0
10th FLOOR STAIRWELL A	—	68.0	20.6	588	1	8	0
1005	12	68.1	20.4	668	1	5	0
1009	—	67.5	19.0	504	1	4	0
1015	21	67.8	21.5	786	1	5	0
1006	24	68.1	21.1	748	1	6	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: Darnell Mehlich Date: 2-5-02

CITY_21MC100_003058830

NYC 9/11 Public Portal Document

TIME 0920

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION WTC 894 DATE 2-5-02 PROJECT NO. 19125.0290

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(µg/m³)	TVOCs (ppm)
903	1	68.2	20.2	732	1	4	0
905	1	68.5	19.1	629	1	5	0
909	17	68.3	21.2	763	1	6	0
915	—	67.1	19.5	502	1	4	0
9th FLOOR BY ELEVATORS	—	68.3	19.7	626	1	6	0
8th FLOOR STAIRWELL A	—	68.0	19.8	604	1	5	0
805	32	69.3	24.3	1211	1	4	0
815	20	69.4	22.3	832	1	6	0
8th FLOOR HALL BY STAIR B	—	69.1	19.8	738	1	6	0
8th FLOOR HALL BY ELEVATORS	—	69.3	19.9	789	1	5	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: Darnell Yehlich Date: 2-5-02

CITY_21MC100_003058831

NYC-WTC_000335334

NYC 9/11 Public Portal Document

TIME 0950

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION M 894 DATE 2-5-02 PROJECT NO. 19125.0290

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(µg/m³)	TVOCs (ppm)
702	6	70.1	20.8	705	1	6	0
703	—	69.7	19.8	601	1	4	0
705	1	69.7	21.0	838	1	7	0
707	1	69.4	20.1	732	1	4	0
706(HALL)	—	69.3	20.2	701	1	5	0
610	2	68.4	19.9	721	1	4	0
615	2	68.1	20.3	693	1	4	0
613	1	65.6	20.2	609	1	4	0
602	3	66.2	21.4	749	1	4	0
6th FLOOR HALL BY ELEVATORS	—	66.9	21.8	781	1	5	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: [signature] Date: 2-5-02

CITY_21MC100_003058832

NYC-WTC_000335335

TIME 1015

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION M894 DATE 2-5-02 PROJECT NO. 19125.0290

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
503	—	67.5	19.2	546	1	4	0
506	21	68.4	20.7	728	1	8	0
515	—	68.7	19.2	569	1	4	0
519(HALL)	—	68.8	19.6	609	1	4	0
5th FLOOR HALL BY ELEVATORS	—	68.7	19.4	624	1	5	0
403	20	68.9	19.7	677	1	5	0
404	—	69.2	19.1	603	1	4	0
415	19	69.7	20.6	807	1	5	0
4th FLOOR HALL BY ELEVATORS	—	69.7	19.2	622	1	6	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: Marcelle Nehlich Date: 2-5-02

CITY_21MC100_003058833

NYC 9/11 Public Portal Document

TIME 1035

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION M894 DATE 2-5-02 PROJECT NO. 19125.0390

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
305	2	70.2	19.3	598	1	8	0
309	—	69.9	18.9	549	1	4	0
315	—	69.6	18.4	555	1	3	0
319(HALL)	—	69.8	18.3	604	1	4	0
3RD FLOOR HALL BY ELEVATOR	—	70.3	19.3	681	1	6	0
B06	8	73.1	33.1	932	1	16	0
BASEMENT HALL BY ELEVATOR	—	72.5	28.6	836	1	18	0
OUTSIDE NE CORNER	—	35.4	17.8	424	2	51	0
OUTSIDE MAIN ENTRANCE	—	35.6	17.6	412	2	47	0
OUTSIDE SE CORNER	—	35.1	18.2	419	1	52	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: Marnee Yehlich **Date:** 2-5-02

CITY_21MC100_003058834

NYC-WTC_000335337

NYC 9/11 Public Portal Document

TIME 1315

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION WTC 894 DATE 2-5-02 PROJECT NO. 19125.0290

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(µg/m³)	TVOCs (ppm)
1406 BY 1419	2	67.2	22.6	685	1	8	0
1406 BY SERVING LINE	2	67.3	21.8	689	1	6	0
1403	3	66.8	22.3	769	0	8	0
1405	2	67.9	22.1	694	0	11	0
14th FLOOR HALL BY ELEVATORS	—	67.6	21.8	691	0	9	0
1306	5	69.9	20.4	634	0	7	0
1311	3	69.7	21.6	849	0	6	0
1303	—	67.6	19.9	602	0	7	0
13th FLOOR HALL BY ELEVATORS	—	68.8	19.9	631	0	9	0
13th FLOOR STAIRWELL A	—	67.5	20.5	709	1	8	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: Parveez Mehlich Date: 2-5-02

CITY_21MC100_003058835

NYC-WTC_000335338

NYC 9/11 Public Portal Document

TIME 1340

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION M894 DATE 2-5-02 PROJECT NO. 19125.0290

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m^3)	TVOCs (ppm)
1205	18	68.3	23.9	1096	0	11	0
1209	31	70.1	25.7	1233	1	10	0
1215 (HALL)	—	70.5	22.0	946	1	10	0
1206	1	69.7	20.1	692	1	9	0
12th FLOOR HALL BY ELEVATORS	—	69.9	21.0	831	1	10	0
1105	27	70.1	25.4	1282	1	7	0
1109	2	70.3	20.9	773	1	7	0
1115(HALL)	—	70.1	20.2	735	1	10	0
1106	20	70.8	23.2	1215	1	8	0
11th FLOOR HALL BY ELEVATORS	—	70.7	21.9	866	1	10	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:** 2-5-02

CITY_21MC100_003058836

NYC-WTC_000335339

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 1400

LOCATION WTC 894 DATE 2-5-02 PROJECT NO. 19125.0290

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m^3)	TVOCs (ppm)
1005	16	70.1	24.6	1186	1	12	0
1009	—	69.7	20.6	604	1	8	0
1015	21	70.4	26.1	1175	1	11	0
1006	14	69.9	22.7	814	1	16	0
10th FLOOR HALL BY ELEVATORS	—	69.8	22.6	846	1	18	0
905	26	70.6	27.1	1146	1	19	0
909	11	69.9	24.6	1041	1	13	0
915	7	69.3	22.1	951	1	16	0
906	—	68.8	19.8	622	1	8	0
9th FLOOR HALL BY ELEVATORS	—	68.9	22.3	824	1	12	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: Farwell Nelliah Date: 2-5-02

CITY_21MC100_003058837

NYC-WTC_000335340

NYC 9/11 Public Portal Document

TIME 1420

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION M 894 DATE 2-5-02 PROJECT NO. 19125.0290

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
803	—	68.4	23.1	692	1	14	0
805	29	71.4	32.1	1163	1	12	0
815 (HALL)	—	70.6	28.3	877	1	17	0
806	—	69.5	27.9	888	1	14	0
8th FLOOR HALL BY ELEVATORS	—	69.3	28.8	883	1	12	0
7th FLOOR STAIRWELL A	—	68.4	23.4	643	1	14	0
705	1	69.1	22.8	1026	1	7	0
711	—	69.2	21.9	1021	1	8	0
715	2	69.4	22.1	906	1	11	0
7th FLOOR HALL BY ELEVATORS	—	69.7	22.3	862	1	12	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: Samuel Gehlich **Date:** 2-5-02

CITY_21MC100_003058838

NYC-WTC_000335341

NYC 9/11 Public Portal Document

TIME 1445

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION M894 DATE 2-5-02 PROJECT NO. 19125.0290

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
611	1	68.4	21.1	786	1	7	0
615	1	68.2	21.4	886	1	9	0
619 (HALL)	—	68.5	21.7	942	1	8	0
6th FLOOR HALL BY ELEVATORS	—	68.9	22.0	959	1	9	0
6th FLOOR STAIRWELL B	—	67.5	19.9	652	1	18	0
515	21	69.3	28.6	1072	1	9	0
506	32	70.6	25.5	1211	1	14	0
515 (HALL)	—	70.3	21.4	909	1	16	0
503 (HALL)	—	70.1	22.1	919	1	17	0
5th FLOOR STAIRWELL A	—	69.3	24.4	763	1	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: _____

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

Signature: _____ Date: 2-5-02

CITY_21MC100_003058839

NYC-WTC_000335342

NYC 9/11 Public Portal Document

TIME 1505

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION M 894 DATE 2-5-02 PROJECT NO. 19125.0290

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
403	14	69.8	20.7	663	1	11	0
404	—	70.4	24.1	949	1	12	0
415(HALL)	—	70.2	21.2	833	1	16	0
425(HALL)	—	70.3	20.9	786	1	18	0
403 (HALL	—	69.9	20.8	781	1	14	0
305	2	70.9	23.6	991	1	19	0
309	—	70.4	23.6	845	1	11	0
315(HALL)	—	70.6	22.8	758	1	9	0
325(HALL)	—	70.8	21.7	721	1	10	0
3RD FLOOR STAIRWELL A	—	70.3	22.3	811	1	16	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: Darnell Peebles **Date:** 2-5-02

CITY_21MC100_003058840

NYC-WTC_000335343

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 1520

LOCATION 111 894 DATE 2-5-02 PROJECT NO. 19125.0290

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
206	—	71.2	20.6	631	1	18	0
203 (HALL)	—	72.1	20.1	605	1	16	0
2ND FLOOR HALL BY ELEVATORS	—	71.8	19.8	623	1	19	0
B06	—	73.8	32.9	723	1	29	0
BASEMENT HALL BY ELEVATOR	—	72.7	30.8	989	1	27	0
1ST FLOOR BY ELEVATORS	—	63.8	18.3	531	2	34	0
1ST FLOOR MAIN ENTRANCE	—	61.4	18.5	517	1	32	0
OUTSIDE NE CORNER	—	38.4	18.7	503	2	34	0
OUTSIDE MAIN ENTRANCE	—	38.5	20.6	511	0	56	0
OUTSIDE SE CORNER	—	40.4	20.3	506	0	59	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: Harmeet Mehlich Date: 2-5-02

CITY_21MC100_0030588841

NYC-WTC_000335344