NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 0835

LOCATION M894 DATE 2-15-02 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	4	71.6	24.4	509	1	5	0
1406 BY SERVING LINE	4	71.8	24.7	576	1	5	0
1403	3	71.7	25.2	584	1	6	0
14TH FLOOR HALL BY ELEVATORS	—	69.6	24.2	536	1	9	0
14TH FLOOR STAIRWELL A	—	66.4	24.7	552	1	12	0
HALL BY 1301	—	67.9	24.8	512	1	6	0
HALL BY 1323	—	68.7	24.9	521	1	7	0
1306	—	71.4	24.6	496	1	3	0
1311	—	72.9	24.3	499	1	3	0
1303	—	73.2	24.2	507	0	4	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: Marnell Hellrich Date: 2-15-02

CITY_21MC100_006797754

NYC-WTC_000189739

NYC 9/11 Public Portal Document

TIME 0955

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION 7th 894 DATE 2-15-02 PROJECT NO. 19125.0290

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(µg/m³)	TVOCs (ppm)
1203	1	70.6	25.4	608	1	6	0
1205	17	70.9	26.8	758	1	4	0
1209	23	73.2	27.1	852	1	5	0
1215	17	74.1	26.8	784	1	3	0
1206	6	73.1	24.2	556	1	4	0
1105	12	72.9	24.9	706	1	3	0
1109	18	74.2	26.1	858	1	3	0
1115	13	74.1	25.6	881	1	4	0
1106	21	73.9	25.9	874	1	8	0
11th FLOOR HALL BY ELEVATORS	—	73.8	24.8	692	1	4	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: Marwan Nehlich Date: 2-15-02

CITY_21MC100_0067977755

NYC-WTC_000189740

NYC 9/11 Public Portal Document

TIME 0915

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION 7M894 DATE 2-15-02 PROJECT NO. 19125.0290

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(µg/m³)	TVOCs (ppm)
1005	14	72.6	24.8	881	1	3	0
1009	1	73.3	24.4	619	1	6	0
1015	18	73.8	25.4	863	1	4	0
1006	20	72.9	24.9	722	1	3	0
10TH FLOOR HALL BY ELEVATORS	—	72.7	24.5	674	1	3	0
915	2	71.3	23.6	572	1	7	0
9TH FLOOR STAIRWELL B	—	70.4	23.4	593	1	4	0
HALL BY 909	—	70.7	23.8	611	1	9	0
906	1	70.4	24.1	538	1	3	0
9TH FLOOR HALL BY ELEVATORS	—	70.6	24.2	582	1	4	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: Warnell Mehlich Date: 2-15-02

CITY_21MC100_0067977756

NYC-WTC_000189741

NYC 9/11 Public Portal Document

TIME 0935

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION 7 WTC 894 DATE 2-15-02 PROJECT NO. 19125.0290

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(µg/m³)	TVOCs (ppm)
805 -	16	73.1	28.4	958	1	3	0
809	1	72.7	27.6	743	1	6	0
815	22	73.8	27.1	968	1	3	0
8TH FLOOR HALL BY ELEVATORS	—	73.2	24.8	681	1	4	0
8TH FLOOR STAIRWELL A	—	71.4	24.7	648	1	7	0
705	3	72.2	25.4	753	1	4	0
711	—	72.4	24.4	672	1	3	0
713	—	72.6	24.6	634	1	3	0
715	5	72.4	25.1	702	1	3	0
702	2	72.3	24.9	712	1	4	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: Harwell Hedrick Date: 2-15-02

CITY_21MC100_0067977757

NYC-WTC_000189742

NYC 9/11 Public Portal Document

TIME 1015

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION M 894 DATE 2-15-02 PROJECT NO. 19125.0290

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(µg/m³)	TVOCs (ppm)
603	1	71.1	24.7	618	1	3	0
609	1	76.2	25.1	647	1	2	0
611	1	71.2	24.4	648	1	4	0
613	2	70.9	24.6	704	1	3	0
615	4	72.1	25.6	806	1	1	0
503	1	72.4	24.6	586	1	2	0
506	16	72.9	28.1	994	1	4	0
515	6	74.8	27.2	863	1	4	0
5TH FLOOR STAIRWELL B	—	70.8	25.4	652	1	7	0
5TH FLOOR HALL BY ELEVATORS	—	72.4	25.6	726	1	3	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 Hedrick Date: 2-15-02

CITY_21MC100_00679758

NYC-WTC_000189743

NYC 9/11 Public Portal Document

TIME 1040

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION 7th 894 DATE 2-15-02 PROJECT NO. 19125.0290

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(µg/m³)	TVOCs (ppm)
403	2	73.4	24.7	616	1	2	0
404	10	73.7	24.8	688	1	4	0
415	11	74.3	24.3	664	1	4	0
4th FLOOR HALL BY ELEVATORS	—	74.1	23.9	617	1	2	0
4th FLOOR STAIRWELL A	—	72.6	24.8	718	1	8	0
305	21	74.8	26.9	942	1	6	0
3RD FLOOR HALL BY 309	—	72.2	23.7	586	1	2	0
3RD FLOOR STAIRWELL B	—	72.4	23.9	607	1	4	0
3RD FLOOR HALL BY ELEVATORS	—	73.4	25.1	702	1	3	0
3RD FLOOR STAIRWELL A	—	73.1	25.6	763	1	4	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: 2-15-02

CITY_21MC100_0067977759

NYC-WTC_000189744

NYC 9/11 Public Portal Document

TIME 1115

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION WTC 894 DATE 2-15-02 PROJECT NO. 19125.0290

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(µg/m³)	TVOCs (ppm)
206	38	74.2	26.8	967	1	11	0
2ND FLOOR HALL BY ELEVATORS	—	74.7	25.1	753	1	6	0
2ND FLOOR STAIRWELL A	—	72.1	25.9	784	1	8	0
BASEMENT BY ELEVATOR	—	69.4	29.9	859	2	19	0
BASEMENT STAIRWELL A	—	69.1	25.8	792	1	21	0
1ST FLOOR BY ELEVATORS	—	67.7	26.2	643	1	14	0
1ST FLOOR BY MAIN ENTRANCE	—	64.8	26.1	593	1	24	0
OUTSIDE NE CORNER	—	50.6	28.9	473	3	73	0
OUTSIDE MAIN ENTRANCE	—	48.1	30.8	459	2	68	0
OUTSIDE SE CORNER	—	47.4	31.2	466	2	84	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 Dehlich Date: 2-15-02

CITY_21MC100_00679760

NYC-WTC_000189745

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 1340

LOCATION M894 DATE 2-15-02 PROJECT NO. 19125.0290

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(µg/m³)	TVOCs (ppm)
1406 BY SERVING LINE	3	73.4	28.8	703	1	7	0
1403	—	74.1	27.4	677	1	6	0
HALL BY 1401	—	73.8	27.6	622	1	7	0
1405	2	73.1	26.4	637	1	8	0
HALLBY 1421	—	72.2	25.8	679	1	7	0
HALL BY 1306	—	71.4	25.4	665	1	5	0
HALL BY 1323	—	71.5	25.1	602	1	7	0
13TH FLOOR STAIRWELL A	—	69.9	26.1	723	1	8	0
1203	2	72.9	28.2	924	1	9	0
1205	14	74.2	29.1	979	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: Harmeet Dehlich Date: 2-15-02

CITY_21MC100_0067977761

NYC-WTC_000189746

NYC 9/11 Public Portal Document

TIME 1355

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION 7M894 DATE 2-15-02 PROJECT NO. 19125.0290

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(µg/m³)	TVOCs (ppm)
1205	6	76.8	27.1	789	1	6	0
1215	5	78.1	26.8	839	1	7	0
12TH FLOOR STAIRWELL B	—	72.3	25.8	643	1	8	0
1206	12	74.4	24.9	748	1	7	0
12TH FLOOR HALL BY ELEVATORS	—	74.6	25.2	806	1	9	0
1105	24	76.4	27.4	981	1	7	0
1109	12	77.4	25.7	759	1	7	0
1115	1	76.6	23.8	678	1	5	0
1106	22	75.6	25.2	893	1	7	0
11TH FLOOR HALL BY ELEVATORS	—	75.3	24.9	679	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: Maxwell McElrath Date: 2-15-02

CITY_21MC100_006797762

NYC-WTC_000189747

TIME 1420

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION M894 DATE 2-15-02 PROJECT NO. 19125.0290

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(µg/m³)	TVOCs (ppm)
1005	15	75.3	25.4	767	1	7	0
1009	3	75.7	23.8	653	1	4	0
1015	20	76.2	26.1	932	1	6	0
1006	12	74.7	23.6	674	1	5	0
10TH FLOOR HALL BY ELEVATOR	—	74.4	23.7	662	1	5	0
905	25	74.6	26.8	958	1	8	0
909	11	75.5	25.9	867	1	6	0
915	7	75.1	25.3	691	1	6	0
906	—	73.4	24.6	618	1	6	0
9TH FLOOR HALL BY ELEVATORS	—	71.7	25.9	744	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: Marcel Nehleich Date: 2-15-02

CITY_21MC100_006797763

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 1445

LOCATION 11894 DATE 2-15-02 PROJECT NO. 19125.0290

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(µg/m³)	TVOCs (ppm)
805	16	74.1	28.2	884	1	7	0
809	1	74.6	27.6	938	1	7	0
815	4	74.4	26.1	811	1	6	0
8TH FLOOR HALL BY ELEVATORS	—	73.9	26.3	825	1	5	0
8TH FLOOR STAIRWELL A	—	71.4	24.2	732	1	7	0
703	—	73.4	25.8	644	1	5	0
705	3	74.6	26.7	931	1	6	0
711	1	75.1	23.9	620	1	5	0
713	1	74.2	23.1	598	1	6	0
702	1	73.3	23.2	612	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: Darneel Nellich Date: 2-15-02

CITY_21MC100_00679764

NYC-WTC_000189749

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 1515

LOCATION M894 DATE 2-15-02 PROJECT NO. 19125.0290

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(µg/m³)	TVOCs (ppm)
603	1	72.8	23.9	613	1	5	0
HALL BY 611	—	73.2	24.1	684	1	3	0
613	2	72.4	24.0	624	1	4	0
HALL BY 617	—	72.2	23.8	593	1	4	0
6TH FLOOR HALL BY ELEVATORS	—	72.4	24.1	574	1	5	0
503	—	71.8	23.7	592	1	7	0
506	4	72.4	24.6	663	1	7	0
515	—	72.8	23.9	526	1	7	0
5TH FLOOR STAIRWELL B	—	71.2	22.6	562	1	7	0
5TH FLOOR HALL BY ELEVATORS	—	72.6	24.1	639	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: Daniel Heidrich Date: 2-15-02

CITY_21MC100_0067977765

NYC-WTC_000189750

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 1530

LOCATION 4th 894 DATE 2-15-02 PROJECT NO. 19125.0290

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(µg/m³)	TVOCs (ppm)
HALL BY 403	—	73.6	24.2	541	1	6	0
404	—	72.1	24.4	532	1	7	0
HALL BY 415	—	73.1	24.8	564	1	6	0
HALL BY 423	—	71.9	24.1	596	1	6	0
4th FLOOR STAIRWELL A	—	70.8	23.6	487	1	11	0
HALL BY 305	—	73.4	24.7	541	1	7	0
HALL BY 309	—	73.2	24.5	561	1	7	0
315	1	72.3	24.6	534	1	7	0
HALL BY 321	—	72.6	23.9	521	1	6	0
3RD FLOOR STAIRWELL A	—	71.7	22.6	498	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: Darnell Hedrick Date: 2-15-02

CITY_21MC100_00677766

NYC-WTC_000189751

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 1540

LOCATION M 894 DATE 2-15-02 PROJECT NO. 19125.0290

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(µg/m³)	TVOCs (ppm)
206	—	71.5	24.8	543	1	7	0
HALL BY 225	—	71.8	24.9	606	1	9	0
HALL BY 201	—	71.7	24.5	583	1	10	0
B06	—	76.4	39.3	1028	1	23	0
HALL BY ELEVATOR	—	74.3	32.4	736	1	21	0
1ST FLOOR HALL BY ELEVATORS	—	67.8	27.1	642	1	26	0
1ST FLOOR BY MAIN ENTRANCE	4	65.9	26.2	557	2	28	0
OUTSIDE NE CORNER	—	53.3	25.6	506	3	39	0
OUTSIDE MAIN ENTRANCE	—	52.4	25.2	478	2	42	0
OUTSIDE SE CORNER	—	52.7	26.6	491	2	38	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 Nehlich Date: 2-15-02

CITY_21MC100_006797767