NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION Murray Bergtraum H.S DATE 9-9-02 PROJECT NO. 19125 - 0351

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
Outside		82.7	58.7	509	3	182	0.2
500 Medical off.	6	76.4	47.9	839	2	73	0.0
504	3	75.2	51.5	947	1	71	0.0
506	5	74.9	51.9	784	2	76	0.1
508 A	8	75.3	54.9	1165	2	78	0.1
508	6	75.4	54.7	931	2	76	0.1
540 Gym	110	76.2	59.2	701	2	72	0.0
Corridor 540	-	76.3	54.4	744	2	77	0.0
Corridor 566	-	72.6	52.7	636	1	84	0.0
558	18	72.1	57.3	1087	1	81	0.0
Guideline levels ASHRAE/AIHA		**69 – 76°F/winter 73-78.5°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: M. Mahoney **Date:** 9/9/02

CONFIDENTIAL,
SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008
CITY_21MC100_003422191

NYC-WTC_000239271

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION Murray Bergtraum H.S. DATE 9-9-02 PROJECT NO. 19125-0351

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
407	39	72.0	62.8	970	2	76	0.0
406	26	73.5	61.8	1180	2	77	0.0
405	12	73.2	58.1	780	2	74	0.0
409	30	74.3	61.1	1015	2	73	0.0
411	28	74.2	60.4	1015	2	73	0.0
415	26	74.0	57.6	911	2	66	0.0
425	36	74.4	57.9	993	2	67	0.0
431	37	74.0	57.8	1192	2	66	0.0
434	24	74.4	57.5	1165	2	61	0.1
Corridor-442	-	74.4	62.7	1222	2	65	0.1
Guideline levels ASHRAE/AIHA		**69 – 76°F/winter 73-78.5°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: M. Mulvey **Date:** 9/9/02

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

CITY_21MC100_003422192

NYC-WTC_000239272

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION Murray Bergtraum HS DATE 9-9-02 PROJECT NO. 19125-0351

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
Library	22	74.4	62.7	1222	2	43	0.1
	8	74.4	62.7	1222	2	40	0.1
337	11	74.4	62.7	1223	2	56	0.1
343	29	73.3	56.1	1020	2	93	0.0
349	24	73.4	57.9	1176	2	58	0.0
351	23	73.6	57.6	880	2	54	0.0
352	29	73.6	57.6	880	2	96	0.0
359	29	73.6	57.6	880	2	55	0.0
303	26	73.6	57.6	880	2	54	0.0
Corridor 314	✓	73.2	60.0	1214	1	52	0.0
Guideline levels ASHRAE/AIHA		**69 – 76°F/winter 73-78.5°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: M. Murray **Date:** 9/9/02

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

CITY_21MC100_003422193

NYC-WTC_000239273

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION Murray Bergtraum HS DATE 9-9-02 PROJECT NO. 19125-0351

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	T.V.O.Cs (ppm)
229	15	73.7	61.1	1252	2	51	0.0
250 Dining room	100.	73.6	60.0	1281	2	66	0.0
234 Teachers dining	12	73.2	76.1	791	2	62	0.0
235	10	73.3	57.3	1062	2	51	0.0
215 Computer class	33	74.3	58.2	856	2	47	0.0
207	20	74.7	58.1	1170	2	54	0.0
203	16	74.1	55.6	784	2	64	0.0
Corridor by cafeteria	—	74.6	57.5	1077	2	54	0.0
257	8	73.9	57.3	737	2	49	0.0
Corr. A209	—	74.0	57.8	1108	2	45	0.0
Guideline levels ASHRAE/AIHA		**69 – 76°F/winter 73-78.5°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:** 9/9/02

CONFIDENTIAL,
SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008
CITY_21MC100_003422194

NYC-WTC_000239274

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION Murray Bergtraum HS DATE 9-9-02 PROJECT NO. 19125-0351

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
159	28	73.0	56.0	851	2	50	0.0
154	12	72.1	56.6	778	2	48	0.0
151	8	72.6	57.1	787	2	42	0.0
Auditorium	60	72.3	58.7	1001	2	33	0.0
Corridor R135	-	73.0	61.1	1396	2	42	0.0
111	22	73.9	60.2	947	2	45	0.0
115	22	73.8	59.2	1058	2	45	0.0
114	29	73.7	58.7	1045	2	42	0.0
Corridor-Entrance	—	73.0	56.7	826	2	35	0.0
Outside	—	75.7	58.4	681	2	65	0.1
Guideline levels ASHRAE/AIHA		**69 – 76°F/winter 73-78.5°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: M. Nalbone **Date:** 9/9/02

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

CITY_21MC100_003422195

NYC-WTC_000239275