

**ambient group inc.**

Indoor environmental quality surveys
Water treatment consulting
Asbestos & lead field services
Regulatory compliance programs
Air, water & soil analytical laboratories

NATIONAL HEADQUARTERS

55 WEST 39TH STREET
12TH FLOOR
NEW YORK, NEW YORK 10018
TEL: (212) 463-7812
FAX: (212) 463-9397
WEB: WWW.AMBIENTGROUP.COM

October 25, 2001

Mr. Elliot Zuckerman
Cushman & Wakefield
a/a/f Mercantile Exchange
One North End Avenue
New York, New York 10282

**Re: One North End Avenue
Ambient Project # 211338**

Dear Mr. Zuckerman:

The following is a summary of the indoor environmental quality survey that Ambient Group, Inc. performed on October 23, 2001 at the above referenced location. The survey included sampling for airborne metals, carbon dioxide, carbon monoxide, temperature, relative humidity, polynuclear aromatic hydrocarbons and airborne asbestos structures by TEM.

Analysis of all indoor readings for carbon dioxide and carbon monoxide revealed that all indoor readings were below OSHA, ACGIH, ASHRAE and other recommended industry guidelines and/or regulations.

The indoor temperature readings ranged from 67.8°F to 68.9°F. The indoor relative humidity readings ranged from 60.0% to 64.3%. All indoor temperature and relative humidity readings were consistent with the conditions described in the ASHRAE 55-1992 thermal comfort standard as well as ideal indoor conditions.

Four (4) air samples were collected from various locations on floors 3, 4, 7 and 10 and analyzed by transmission electron microscopy (TEM) for asbestos structures. The results of the analysis indicated that airborne asbestos levels inside and outside the building at the time of testing were less than the analytical sensitivity of the instrument, which is well below the EPA standard of 70 structures/mm² as well as other recommended industry guidelines and/or regulations.

GREEN COVE, NY
516 669-0009

MIAMI, FL
305 860-0101

CHICAGO, IL
312 547-5546

ORANGE, CA
714 282-252

OCT-25-01 THU 05:05 PM AMBIENT GROUP INC

FAX NO. 212 768 1540

P. 03

Mr. Zuckerman
October 25, 2001
Page 2

Please refer to attached laboratory data sheet for further details. Results of other parameters tested will be reported to you as soon as the results are available. Should you have any questions regarding this information, please feel free to call me.

Sincerely,
Signed for Ambient Group, Inc. by:

Neetha Tiwari *for*
John P. Springston, CIH, CSP
Director of Field Operations 10/25/01

JPS/nt

10/25/01 THU 17:08 [TX/RX NO 8304]

Ambient Group, Inc.
55 West 39th Street, 12th Floor
New York, New York 10018

Client: Cushman & Wakefield/Mercantile Exchange
One North End Avenue
New York, New York 10282

Project ID#: 211338
Project Address: One North End Avenue
Survey Date: 10/23/01

Floor/Location	CO2 PPM	CO PPM	Temperature °F	Relative Humidity %
10th floor/Executive Dining	887	2.00	68.8	60.6
3rd floor/Booth 3-3-1C-1B	1098	2.00	67.8	60.6
4th floor/Al copper Futures Cubicle	910	2.00	68.9	64.3
7th floor/Booth 7-8-4-D	740	2.00	68.8	60.1

All levels reported are below their associated standards and guidelines.

Standard/Guideline
OSHA PEL for carbon dioxide - 5000 PPM
OSHA PEL for carbon monoxide - 50 PPM
ASHRAE 55-1992: Temperature (Winter)
(69°F - 76°F)
ASHRAE 55-1992: Relative Humidity (Fall/Winter)
30 - 81% @ 69°F
23 - 58% @ 76°F

OCT-25-01 THU 05:05 PM AMBIENT GROUP INC
 AMBIENT GROUP, INC.-LONG ISLAND (516) 609-8271

FAX NO. 212 768 1540
 10/25/01 02:34P P.002

P. 05

Ambient Group, Inc.
 10 Morris Avenue,
 Glen Cove 11542
 (516) 609-0009

ELAP 10865

**AIRBORNE ASBESTOS STRUCTURES RESULTS
 (TRANSMISSION ELECTRON MICROSCOPY - TEM)**

CLIENT: CUSHMAN & WAKEFIELD, INC.
 LOCATION: 1 NORTH END AVENUE
 PROJECT ID: 211338
 DATE COLLECTED: 10/23/01

SAMPLE NUMBER	LAB SAMPLE ID	SAMPLE LOCATION	ASBESTOS STRUCTURES cm ³
3098-01 Field 3098	AEM991 0226	11:27 AM 10 TH FLOOR; EXECUTIVE DINING ADJACENT OT PIANO LT ANYL SENS	<0.0049
3098-02 Field 3098	AEM991 0227	11:50 AM 3 RD FLOOR: ADJACENT TO BOOTH 3-3-1C-1B LT ANYL SENS	<0.0043
3098-03 Field 3098	AEM991 0228	12:12 PM 4 TH FLOOR: ADJACENT TO COPPER FUTURES CUBICLE LT ANYL SENS	<0.0044
3098-04 Field 3098	AEM991 0229	12:28 PM 7 TH FLOOR: AT BOOTH 7-8-4-D LT ANYL SENS	<0.0044

LT ANYL SENS-LESS THAN ANALYTICAL SENSITIVITY

10/25/01 THU 17:08 [TX/RX NO 8304]