

EMSL Analytical, Inc.

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Attn:

Customer ID: MISC-ACCT
Customer PO: #10804

Fax: [REDACTED] Phone: [REDACTED]
Project: 66 John Street, 10th Floor Carpet / NY, NY 10038

Received: 03/28/03 12:03 PM
EMSL Order: 030303284
EMSL Project ID:
Analysis Date: 3/10/03

Standard Test Method for Carpet Sonication, Indirect Preparation and Analysis for Asbestos Structure Number Concentration by Transmission Electron Microscopy

AMPLE ID	AREA SAMPLED (cm ²)	ASBESTOS TYPE	ASBESTOS STRUCTURES	Sensitivity (str/cm ²)	CONCENTRATION (str/cm ²)	COMMENTS
1 30303284-0001	25	Chrysotile	32	12,283.149	393,060.762	

ite: Due to non-fibrous particulate loading, the analytical sensitivity for the method was not reached.

For to Anne

66 John St.

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alyst

[Signature]
Laboratory Manager
or other approved signatory



Subj: **Re: carpet sonication results**
Date: 3/12/2003 5:12:25 PM Eastern Standard Time
From: *Jenkins.Cate@epamail.epa.gov*
To:
File: **Wilmoth-Millette-94-App7-ultradata.pdf** (4972596 bytes) DL Time
(115200 bps): < 12 minutes

(See attached file: Wilmoth-Millette-94-App7-ultra data.pdf)

The level of 393,060 s/cm² by sonication in carpet is quite high. I have attached a study that shows that even in buildings known to have asbestos containing materials is around 1000 structures per square centimeter, according to an authoritative book, excerpts attached.

Before the WTC collapse, in 1980, surface dust outdoors in New York City was an average of 5100 s/cm² (from a study by Ewing presented at the Johnson Conference in the summer of 2002).

Thus, the levels you found are definitely over background and deserve attention. Nobody can tell you with any certainty exactly how hazardous these levels are, but EPA statutes and policies say that any exposure to asbestos is hazardous, and attempting to get levels to background is desirable.

Cate Jenkins

To: Cate Jenkins/DC/USEPA/US@EPA

03/12/2003 04:42
PM

cc:
Subject: carpet sonication results

Tuesday, March 18, 2003 America Online.

Subj: **Re: carpet sonication results**
Date: 3/13/2003 10:30:50 AM Eastern Standard Time
From: *Jenkins.Cate@epamail.epa.gov*
To:
File: **EPA-Orkin-123102-upholstery.zip** (750312 bytes) DL Time (115200 bps): < 2 minutes

(See attached file: EPA-Orkin-123102-upholstery.pdf)(See attached file: EPA-Orkin-122302-sonication.pdf)

Attached is some additional information, namely EPA statements that it is impossible to clean carpet in most cases. This should bolster any arguments to support its removal.

During EPA's cleanup program of private residences, EPA will remove carpet, and the Red Cross will pay up to \$3000 for the replacement of carpet and upholstered furniture.

Since the attachment I sent yesterday evening and today are large, sometimes email bounces because of its large size.

So, please acknowledge that you got the attachment yesterday, and the 2 attachments today.

Cate Jenkins, Ph.D.

----- Headers -----

Return-Path: <Jenkins.Cate@epamail.epa.gov>
Received: from rly-xl04.mx.aol.com (rly-xl04.mail.aol.com [172.20.83.73]) by air-xl02.mail.aol.com (v90_r2.5) with ESMTP id MAILINXL23-0313103048; Thu, 13 Mar 2003 10:30:48 -0500

Tuesday, March 18, 2003 America Online.