

09/18/2001 09:30 2123533599

ATC ASSOCIATES INC

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New York, New York 100
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212.353.82
Fax 212.353.83

September 16, 2001

N.Y.C. Housing Authority
250 Broadway
New York, NY 10007
Attn: Mr. Brian Clarke

Re: Report of TEM Analysis

Dear Mr. Clarke:

Following are the results of transmission electron microscopy (TEM) qualitative analysis of two bulk samples from our Group No. 5513.

Project Name: 250 Broadway, NY, NY
Location: Floors 24, 11
Samples received: 09/16/01

These results will confirm and document the data transmitted to your office today.

A trace of chrysotile asbestos fibers was detected in both samples.

This laboratory follows analysis procedures described in the New York State Environmental Laboratory Approval Program (ELAP) Certification Manual. These are from Item No. 198.4; TEM Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples.

The analyses were supervised by Dr. Michael A. Gorycki, Director of Electron Microscopy. This report may be reproduced only in its entirety and not without prior permission of this laboratory.

We are pleased to note that our TEM lab has received full accreditation from NVLAP and also approval under the NY State DOH ELAP program, as is currently required for recognized analysis of TEM air samples for AHERA projects. These analyses were performed by ATC d/b/a ATC Associates Inc.

Please contact me regarding any questions relating to these materials.

Very truly yours,

A handwritten signature in cursive script, appearing to read 'Michael A. Gorycki'.

Michael A. Gorycki, Ph.D.
Director of Electron Microscopy

Batch No. 5513 Grid Box No. 408 Operator RP
Sample No. 9-16-JK-2 Grid I.D. 298 Date 9.16.01

[illegible]

AMPHIBOLES
Amosite
Crocidolite
Anthophyllite
Tremolite
Actinolite

From PLM NOB ANALYSIS SHEET: $10 \times 11 = 14$
 where 10 = total residue %, 11 = residue asb % TEM and 14 = total % asb & type
 Also, $1\% \text{ total asbestos} = 100/\text{total residue \%}$.

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250 Broadway

5513

16-3K-1-24th FL SW Corner16-3K-2-11th FL NW Corner

Sample by: JAY KRAMER

DATE: 9-16-01

TIME: 5:30 P.M.

Received by:

Date:

TIME:

- TEM ANALYSIS (Qualitative)

Client: NYCHA

Call w/ Results: 718-707-5359

718-707-5311

Fax To: 512-512-6000