

Lead-in-dust wipe sampling report

**H.S. OF ECONOMICS & FINANCE
100 TRINITY PLACE
NEW YORK, NY 10006**

Prepared for:

**Mr. Bernard Orlan
New York City Board of Education
Environmental Health and Safety Unit
28-11 Queens Plaza North
Long Island City, NY 11101**

Prepared by:



**104 East 25th Street
New York, NY 10010
Tel: (212) 353-8280 Fax: (212) 353-8306**

January, 2002

Scope of Work

ATC Associates, Inc. (ATC) was retained by New York City Board of Education (NYC-BOE) to collect dust wipes to be analyzed for lead content after a lead-in-dust cleanup is completed in rooms 207, 606 and the cafeteria.

ATC's representative Ms. Mariana Medinets visited the H.S. of Economics & Finance (M833) located at 100 Trinity Place, New York, NY on January 16th, 2002. Dust wipes to be analyzed for lead content were collected from rooms 207, 606 and the cafeteria after the lead-in-dust cleanup is completed as specified by the New York City Board of Education Environmental Health & Safety Unit and in accordance with HUD protocols.

LEAD-IN-DUST SAMPLING**Lead-in-dust threshold levels**

The New York City Health Code, part 173.14 and the Federal Departments of Housing and Urban Development (HUD) and Environmental Protection Agency (EPA) have established acceptable lead-in-dust levels for re-occupancy after a lead abatement has occurred (commonly referred to as "final clearance" levels). As stated in the Code, final clearance after abatement has taken place is achieved when dust wipe samples indicate lead levels below those listed below:

For Window wells:	400 $\mu\text{g}/\text{ft}^2$
For Windowsills:	250 $\mu\text{g}/\text{ft}^2$
For Floors:	40 $\mu\text{g}/\text{ft}^2$

Sampling Methodology

ATC provided all laboratory analytical services in support of this limited inspection. ATC is certified by the New York State Department of Health's Environmental Laboratory Accreditation Program to perform lead and related analyses of environmental samples (Laboratory ID Number: 10879). The laboratory utilizes the United States Environmental Protection Agency analysis method number SW846-7420 and the National Institute of Occupational Safety and Health method number 7082M.

The lead-in-dust samples were obtained by gently wiping a pre-measured surface area with non-alcohol moistened towelettes. ATC's representative wore disposable gloves; a new glove was worn with each new sampling procedure, and care was taken to avoid contamination of the towelette and collection vial. Towelettes were then placed into 50ml plastic vials and immediately sealed. The chain of custody form was completed and documents the measurement of the area sampled.

Results of Dust Wipe Sampling

Three (3) dust wipe samples were collected from rooms 207, 606 and the cafeteria after the lead-in-dust cleanup is completed. Laboratory analysis is shown that all dust wipe samples



*H.S. of Economics & Finance (M833)
January 19, 2002*

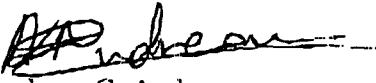
collected contain lead on floor surfaces below the guideline level of 40 $\mu\text{g}/\text{ft}^2$. See laboratory report and chain of custody for more details.

Limits of the limited dust wipe sampling

Dust sampling was conducted at NYC-BOE request. The results of this report are applicable for the time the testing was performed. If questions arise concerning lead content in or on components and/or locations not tested by ATC, then additional testing services should be procured. ATC makes no representation or warranty concerning the standards and specifications provided in the HUD Guidelines and the NYC-BOE protocol.

It is our pleasure to provide these limited lead services to New York City Board of Education. If you have any questions regarding this limited lead-in-dust wipe sampling, please do not hesitate to call me at (212) 353-8280 extension #261.

Sincerely,
ATC Associates, Inc.


Andreas C. Andreou
Senior Project Manager



H.S. of Economics & Finance (M833)
January 19, 2002