NYC 9/11 Public Portal Document

Lead-in-dust Wipe Sampling Report

PUBLIC SCHOOL 89M
201 WARREN STREET
NEW YORK, NY 10282

Prepared for:

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Prepared by:



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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 the following location:

- Room #226 – floor surface

This cleanup was recommended by ATC in conjunction with laboratory results of lead dust wipes collected on February 28th, 2002 where elevated levels of lead was detected in the dust wipe collected from the floor surface of room #226.

ATC's representative Mark Nakhumovich visited PS 89 M located at 201 Warren Street, New York, NY on March 1st, 2002. Dust wipes to be analyzed for lead content were collected from the floor surface and windowsill of room #226 after the lead-in-dust cleanup is completed.

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 Windowsills:	250 $\mu g/ft^2$
For Floors:	40 $\mu g/ft^2$

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.

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Results of Dust Wipe Sampling
Four (4) dust wipe samples were collected from floor and windowsill surfaces of room 3306 after the lead-in-dust cleanup is completed.

Results of laboratory analysis indicate that all dust wipe samples collected contain lead on floor and windowsill surfaces below the guideline level of 40 $\mu g/ft^2$ and 250 $\mu g/ft^2$ respectively. See laboratory report and chain of custody for more details.

Limits of the limited dust wipe sampling
Dust sampling was conducted at the 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 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

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