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Limited lead-in-dust wipe sampling report

P.S. 89M
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Prepared for:

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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 wipe to be analyzed for lead content. At the request of New York City Department of Health (NYC-DOH) and the approval of NYC-BOE a dust wipe sample was collected from the windowsill of room #306 in conjunction with the laboratory results of the dust wipe samples collected on February 14th, 2002 where elevated levels of lead were detected.

The purposed of the dust wipe sampling is to determine if dust on the windowsill of room #306 contains lead.

ATC's representative Mr. Yiannis Efstathiou visited P.S. 89M located at 201 Warren Street, New York, NY on February 25th, 2002. At the request of NYC-DOH, the approval of NYC-BOE and in accordance with HUD protocols a dust wipe sample was collected from the windowsill of room #306.

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 $\mu g/ft^2$

Although the lead-in-dust sample collected at P.S. 89M was not collected in response to lead abatement, the same threshold is used since no other regulations or standards are applicable to this project.

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 sample was obtained by gently wiping a pre-measured surface area with non-alcohol moistened towelettes. ATC's representative wore disposable gloves and care was taken to avoid contamination of the towelette and collection vial. Towelette was

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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

One (1) dust wipe sample was collected from the windowsill of room 306. Laboratory analysis is shown that the dust wipe sample collected from the windowsill surface of room 306 contains lead below the guideline level of 250 $\mu g/ft^2$. 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

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