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Limited lead-in-dust wipe sampling report

HIGH SCHOOL FOR LEADERSHIP & PUBLIC SERVICE (M894)
90 TRINITY PLACE
NEW YORK, NY 10006

Prepared for:

Mr. Bernard Orlan
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Environmental Health and Safety Unit
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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. Dust wipe samples were collected from areas recommended by the NYC- BOE and as specified in the sampling protocol for the school. These areas are the following:

- 1st floor lobby
- Cafeteria
- Two random classrooms
- Auditorium
- 3rd floor hallway
- 5th floor hallway
- 7th floor hallway
- 9th floor hallway
- 13th floor hallway

The purposed of the dust wipe sampling is to determine if dust in the school contains lead. ATC will be repeating this sampling every Thursday as per the recommendation of NYC-BOE. This is the ninth consecutive week that dust samples were collected from High School for Leadership & Public Service (M894) to be analyzed for lead content.

ATC's representative Mr. Yiannis Efstathiou visited High School for Leadership & Public Service (M894) located at 90 Trinity Place, New York, NY 10006 on April 4th, 2002. Dust wipes to be analyzed for lead content were collected from the aforementioned areas indicated to ATC 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 Windowsills:	250 $\mu g/ft^2$
For Floors:	40 $\mu g/ft^2$

Although the lead-in-dust samples collected at High School for Leadership & Public Service (M894) were not collected in response to lead abatement, the same thresholds are used since no other regulations or standards are applicable to this project.

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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

Ten (10) dust wipe samples were collected from areas indicated to ATC. Laboratory analysis is shown that all dust wipe samples collected from the indicated areas 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 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 #211.

Sincerely,

ATC Associates, Inc.

Yiannis Efstathiou
Senior Project Manager