NYC 9/11 Public Portal Document

Limited lead-in-dust wipe sampling report

P.S. 150M
334 GREENWICH STREET
NEW YORK, NY 10013

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:

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

June, 2002

NYC-WTC_000374635

NYC 9/11 Public Portal Document

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 Parents Association consultant representative Mr. Tom Fusillo of ENVIRON Corp. and approved by NYC- BOE and as specified in the sampling protocol for the school. These areas are the following:

- Lobby
- Multipurpose room near kitchen
- Two randomly selected classrooms

The purpose of the dust wipe sampling is to determine if dust in the school contains lead. ATC will be repeating this sampling preferably every Monday as per the recommendation of ENVIRON Corp. and after the approval of NYC-BOE. This is the 21st consecutive time dust samples were collected from P.S. 150M to be analyzed for lead content after the sampling protocol is approved.

ATC's representative Mr. Yiannis Efstathiou visited P.S. 150M located at 334 Greenwich Street, New York, NY on June 10, 2002. Dust wipes to be analyzed for lead content were collected from the aforementioned areas indicated by ENVIRON and 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 Windowsills:	250 $\mu g/ft^2$
For Floors:	40 $\mu g/ft^2$

Although the lead-in-dust samples collected at P.S. 150M were not collected in response to lead abatement, the same thresholds are 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

CITY_21MC100_002853306

NYC-WTC_000374636

NYC 9/11 Public Portal Document

(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

Four (4) 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

NYC 9/11 Public Portal Document

Laboratory Report & Chain of Custody For Lead-in-dust wipes

CITY_21MC100_002853308

NYC-WTC_000374638

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC
104 E 25th Street, 10th Floor
New York, NY 10010
Tel. 212-353-8280
Fax 212-353-8306

REPORT DATE: 06-10-02

CLIENT: NYC BOE

PROJECT ADDRESS: P. S. 150M/334 Greenwich Street
New York, NY 10013

PROJECT NO: 41617-0556

SAMPLED BY: Y. Efstathiou

SAMPLE DATE: 06-10-02
DATE RECEIVED: 06-10-02
DATE ANALYZED: 06-10-02

SAMPLE MEDIA: Dust Wipe Sample
ANALYSIS REQUIRED: Method EPA 3050/7420

ANALYSIS RESULTS

SAMPLE ID	BATCH NO.	SAMPLE DESCRIPTION	LEAD CONCENTRATION ($\mu g/ft^2$)	DETECTION LIMIT ($\mu g/ft^2$)
01	9847	1st Floor Lobby Floor	<9.0	9.0
02	9847	Multipurpose Room Floor	<9.0	9.0
03	9847	Classroom 403 Window Sill	<6.0	6.0
04	9847	Classroom 503 Floor	<9.0	9.0
11	9847	Blank	<9.0 µg	9.0 µg

NOTE 1:
THE REPORTING LIMIT (RL) IS 18.0 µg
NOTE 2:
HUD Guidelines for final clearance dust wipe samples: Floor 40 $\mu g/ft^2$, Window sills 250 $\mu g/ft^2$, Window wells 400 $\mu g/ft^2$, Exterior surfaces 800 $\mu g/ft^2$.
NOTE 3:
Blank units are in µg

NYC-WTC_000374639

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC
104 E 25th Street, 10th Floor
New York, NY 10010
Tel. 212-353-8280
Fax 212-353-8306

CERTIFICATION AND SIGNATURES

ANALYSIS PERFORMED BY: _____

REPORT PREPARED BY: _____

ATC certifies that this report is an accurate and authentic report of results obtained from the laboratory analysis.

QUALITY ASSURANCE COORDINATOR: _____

LABORATORY DIRECTOR: _____

ATC is accredited by the New York State Department of Health Environmental Laboratory Approval Program (ELAP) and by the American Industrial Hygiene Association (AIHA) to perform analysis of lead in paint, dust wipes, air and soil samples. (ELAP #10879), (AIHA #100229).

NYC-WTC_000374640

NYC-WTC_000374641

NYC 9/11 Public Portal Document

ATC ASSOCIATES INC.
DUST WIPE SAMPLING - CHAIN OF CUSTODY 9847
104 EAST 25TH STREET, 10TH FLOOR
NEW YORK, NEW YORK 10010

PHONE: 212-353-8280 FAX: 212-353-8306

TOTAL # OF SAMPLES: 5

Client Name: **New York City Board of Education**

Project Number: 41617-0556

Date: 6/10/02

Project Address: **P.S. 150M/334 Greenwich street, NY, NY 10013**

Project Manager: Y. Efstathiou

Turnaround Time: Rush

Investigator: Yiannis Efstathiou

Building Type: School

Analysis Required: Lead in dust

Sample ID#	Room, Component, Location	Surface Condition	Dimension of sample area (in. x in.)	Detection Limit	Result (µg/ft²)
01	1st floor lobby (floor)	___ Visible Dust ___ Visible Debris ✓ No Visible Dust or Debris	12X12	9.0	<9.0
02	Multipurpose room (floor)	___ Visible Dust ___ Visible Debris ✓ No Visible Dust or Debris	12X12	9.0	<9.0
03	Classroom #403 (window sill)	___ Visible Dust ___ Visible Debris ✓ No Visible Dust or Debris	36X6	6.0	<6.0
04	Classroom #503 (floor)	___ Visible Dust ___ Visible Debris ___ No Visible Dust or Debris	12X12	9.0	<9.0
05	Blank	___ Visible Dust ___ Visible Debris ___ No Visible Dust or Debris		9.0µg	<9.0µg

COMMENTS: Please call the project manager with results @ 1(646) 772-1155 *(ADDITIONAL COMMENTS ON BACK)*

RELINQUISHED BY (SIGNATURE BELOW):	DATE/TIME	RECIEVED BY (SIGNATURE BELOW):	DATE/TIME	LABORATORY:	
Yiannis Efstathiou	6/10/02		6/10/02		
PRINT NAME:		PRINT NAME:		NLLAP#	ELAP#
			15:00		

CITY_21MC100_002853311