



104 East 25th St., 10th Floor
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November 25, 2002

Mr. Bernard P. Orlan
Director, Environmental Health & Safety
New York City Department of Education
28-11 Queens Plaza North
Long Island City, NY 11101-4008

Re: **Wipe Samples for Dioxins**
High School for Leadership and Public Service (M894)
ATC Project No. 15-19125-0290

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WIPE SAMPLING RESULTS

ATC submitted three (3) wipe samples for PCDDs/PCDFs (plus one blank) to Pace for analysis. A copy of the laboratory analysis report is provided in the Attachment. The floor locations sampled were: Main Lobby, 5th Floor Lobby and the 10th Floor Lobby. The area of each sample was one square meter (1 m²).

Each sample was analyzed for sixteen (16) PCDD/PCDF isomers. The results for each isomer were then converted to 2, 3, 7, 8 -tetrachloro-dibenzo-p-dioxin (2, 3, 7, 8-TCDD) equivalents by multiplying by an established equivalency factor.



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Re: Wipe Samples for Dioxins
High School for Leadership and Public Service (M894)
ATC Project No. 15-19125-0290

Dear Mr. Orlan:

ATC Associates Inc. (ATC) is pleased to provide this report of the results of the wipe samples for polychlorinated dibenzo-p-dioxins (PCDDs) and dibenzofurans (PCDFs) collected on September 6, 2002 at the referenced location. The New York City Department of Education (DOE) requested these samples to evaluate possible contamination in the school building.

SCOPE OF WORK

The samples were collected using gauze pads and hexane as a solvent. The pads and solvent were provided and samples were analyzed by Pace Analytical Services, Inc. (Pace) of Minneapolis, MN, a laboratory experienced in dioxin analysis. The analysis was performed by modified EPA Method 8290 using combined capillary column gas chromatography/high resolution mass spectrometry.

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Wipe Samples for Dioxins
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This provides a single value (in nanograms) for the analytical results for each sample. The sample locations and the results are shown in the table.

DIOXIN WIPE SAMPLE RESULTS
(2, 3, 7, 8 TCDD EQUIVALENTS)
May 24, 2002

LOCATION/SAMPLE NUMBER	DIOXIN CONCENTRATION (ng/m ²)
1 st Floor Main Lobby - Floor /DX1	0.00057
5 th Floor Lobby - Floor /DX2	0.000045
10 th Floor Lobby - Floor /DX3	0.00022
Blank/DX4	0.00

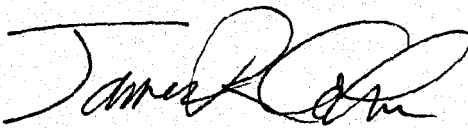
The New York State Department of Health (NYSDOH) established guidelines for dioxin for the re-occupancy of the Binghamton State Office Building following a PCB fire. The NYSDOH guideline for dioxin on surfaces is 25 nanograms per square meter (25 ng/m²).

The concentrations on indoor surfaces ranged from 0.00005 to 0.00065 nanograms per square meter (ng/m²). The levels found in all of these samples are below the NYSDOH guideline of 25 ng/m².

It is not possible to determine when the 2, 3, 7, 8 - TCDD equivalents detected in these samples were deposited. Dioxin samples were not collected from these locations prior to January 2, 2002.

It is our pleasure to provide these indoor environmental services to the NYC Department of Education. If you have any questions about this report, please call (212) 353-8280, extension 212.

Sincerely,
ATC Associates, Inc.



James R. Cohn, CIH, CSP
Regional Manager
Industrial Hygiene Division

Attachment