NYC 9/11 Public Portal Document

ATC ASSOCIATES INC

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January 22, 2002

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

Re: Wipe Samples for Polychlorinated Biphenyls & Polynuclear Aromatic Hydrocarbons
High School of Economics and Finance
100 Trinity Place
New York, New York
ATC Project No. 15-19125-0291

Dear Mr Orlan:

ATC Associates Inc (ATC) is pleased to provide this report of the results of the wipe samples for polychlorinated biphenyls (PCBs) and polynuclear aromatic hydrocarbons (PAHs) collected on January 14, 2002, at the referenced location. The New York City Board of Education (BOE) requested these samples to evaluate possible contamination in the school building

SCOPE OF WORK

Tenzin Namgyal and Wagdi Abdelshahid, Industrial Hygienists of ATC's New York City office, collected the samples.

The samples were collected using sterile gauze pads and hexane as a solvent The solvent was provided and samples were analyzed by PSC Analytical Services, Inc (PSC), an American Industrial Hygiene Association-accredited laboratory in Reading, PA. The PCB analysis was performed using EPA Method 8082B The PAHs were analyzed by EPA Method 8270C

ATC's findings and conclusions are based on the laboratory sample results and the conditions present in the school at the time of the assessment.

The sampling was performed consistent with generally accepted industrial hygiene practices. There were inherent limitations created by constraints of time, operational and work practice variability, variations in contaminant concentrations, and sampling and analytical accuracy The results of the sampling represent conditions found on the dates the samples were collected

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WIPE SAMPLING RESULTS

ATC submitted seven samples for PCBs and PAHs to PSC for analysis A blank was also submitted A copy of the laboratory report is provided in the Attachment. Samples were taken from surfaces throughout the building The sample area for each wipe sample was 100 square centimeters ($100cm^2$) The areas sampled were.

- Main lobby floor,
- Room 304, desk;
- 5th floor Staircase A;
- 7th floor hallway by the bridge;
- 8th floor, Kitchen counter,
- Room 906, windowsill;
- Room 1006, table

Each sample was analyzed for seven (7) PCB compounds and sixteen (16) PAHs (see attachment). The PCB and PAH results of all samples collected were ***below the reporting limits*** of 2.0 and 5.0 micrograms/sample (ug / sample) respectively.

Currently, the Environmental Protection Agency spill clean-up standard for PCBs on non-porous surfaces is 10 micrograms per 100 square centimeters or less ($<10ug/100cm^2$) as stated in 40 CFR 761. No regulatory standards have been established for PAHs on surfaces.

It is our pleasure to provide these indoor environmental services to the New York City Board of Education. If you have any questions about this report, please call (212) 353-8280, extension 212 or 261

Sincerely,
ATC ASSOCIATES INC.

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

Attachment

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

NYC-WTC_000179441