NYC 9/11 Public Portal Document

ATC ASSOCIATES INC.

104 East 25th St
New York, New York 10010
www.atc-enviro.com
212.353.8280
Fax 212.353.8306

January 28, 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 for Leadership & Public Service
90 Trinity Place
New York, New York
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 biphenyls (PCBs) and polynuclear aromatic hydrocarbons (PAHs) collected on January 2, 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 .

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.

WIPE SAMPLING RESULTS

ATC submitted eight 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 ($100cm^2$).

NYC-WTC_000376802

NYC 9/11 Public Portal Document

The areas sampled were:

- Cafeteria serving window;
- Library table (north);
- Room 1106 floor (south);
- Room 903 floor (north);
- Room 715 table (south);
- Room 503 table (north);
- Hallway floor by Stair B;
- 1st floor Main Lobby floor.

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

NYC-WTC_000376803