NYC 9/11 Public Portal Document

ATC ASSOCIATES INC.

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

January 4, 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
Stuyvesant High School
345 Chambers Street
New York, New York
ATC Project No. 15-19125-0246

Dear Mr. Orlan:

ATC Associates Inc. (ATC) is pleased to provide this report of the results of the wipe-samples for polychlorinated biphenyls (PCBs) collected on December 20 and 26, 2001, at the referenced location. The New York City Board of Education (BOE) requested these samples to evaluate possible contamination from PCBs in the school building according to the recommendation of H. A. Bader, consultant to the parents association..

SCOPE OF WORK

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

The PCBs 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.

ATC's findings and conclusions are based on the laboratory samples 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 three samples for PCBs (plus one blank) for each sampling day to PSC for analysis. A copy of the laboratory report is provided in Attachment 1. Samples were taken from areas specified by the parents association consultant. The sample area for each wipe sample was 100 square centimeters ($100cm^2$). The areas sampled were:

December 20, 2001	December 26, 2001
1st floor main entrance hallway - Column	1st floor main entrance hallway - wall
2nd floor bridge entrance - wall	2nd floor bridge entrance hallway - wall
AC#2 mixed air plenum - floor	AC#1 mixed air plenum - floor

Each sample was analyzed for seven PCB compounds with differing percentages of chlorine. ***The PCB results of all samples were below the reporting limits (2.0 micrograms/sample) on both sampling days.*** The same level was found in the blanks.

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.

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.

Andreas C. Andreou
Senior Project Manager

Reviewed by:

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

Attachment

NYC-WTC_000308597