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duplicate

March 5, 2002

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

**Re: Air Sampling for Hydrocarbons
Stuyvesant High School
ATC Project No. 15-19125-0246**

Dear Mr. Orlan:

ATC Associates, Inc. (ATC) is pleased to provide this report of air sampling for hydrocarbon compounds conducted on February 20, 2002, at the referenced school. The New York City Board of Education (BOE) requested this sampling at the recommendation of H. A. Bader, a consultant to the parents association.

Scope of Work

ATC collected three (3) samples for hydrocarbon compounds (HC) at specified locations. Samples were collected for a minimum of seven (7) hours using activated coconut shell charcoal tubes connected to battery-powered sampling pumps at a flow rate of 0.2 liters per minute. Pumps were calibrated before and after each sampling period. Two (2) samples were collected inside the building and one (1) was collected on the roof. One blank tube was also submitted. The samples were sent to PSC Analytical Services, Inc., an American Industrial Hygiene Association-accredited laboratory in Reading, PA. Analysis was performed by capillary gas chromatography/flame ionization detection (NIOSH Methods 1003, 1005, 1022, 1300, 1500, 1501).

Tenzin Namgyal and Wagdi Abdelshahid, Industrial Hygienists from ATC's New York City office, conducted the sampling.

Each sample was analyzed for a panel of sixteen (16) specific HC compounds. These compounds were: pentane, acetone, methylene chloride, hexane, chloroform, methyl chloroform, benzene, 1,2-dichloroethane, trichloroethylene, toluene, perchloroethylene (tetrachloroethylene), chlorobenzene, ethylbenzene, styrene, cumene and xylenes. In addition, two non-identified peaks, total other A- hydrocarbons and total other B-hydrocarbons, were reported. The A- hydrocarbons are those, such as gasoline or light alcohols, with boiling points less than that of benzene (176°F). The B-hydrocarbons are those, such as mineral spirits or petroleum naphtha, with boiling points greater than that of benzene. A copy of the analytical report is attached. The results indicate conditions on the date the samples were collected.

The sampling locations were specified by the parents association consultant. They were the 1st floor lobby, 2nd floor bridge entrance hallway and the roof.

Mr. Bernard P. Orlan
Air Sampling for Hydrocarbons
Stuyvesant High School

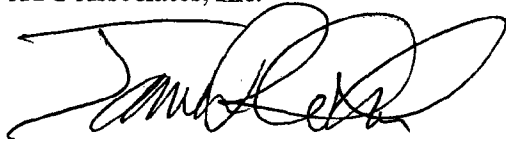
March 5, 2002
Page 2
ATC Project No. 15-19125-0246

Results

None of the hydrocarbons in the analytical panel were present above the limits of detection in any of the samples.

ATC appreciates the opportunity to provide this indoor air quality service to the BOE. Please call me at (212) 353-8280 extension 212 if you have any questions.

Sincerely,
ATC Associates, Inc.

A handwritten signature in black ink, appearing to read 'James R. Cohn', with a large, stylized flourish at the end.

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

Attachment