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New York, New York
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January 7, 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 Metals**
Stuyvesant High School
345 Chambers St.
New York, New York
ATC Project No. 15-19125-0246

Dear Mr. Orlan:

ATC Associates, Inc. (ATC) is pleased to provide this letter report of air sampling for metals in airborne dust on December 20 and 26, 2001, at the referenced school. The New York City Board of Education (BOE) requested this sampling at the recommendation of H. A. Bader, a consultant retained by the parents association.

On each day, ATC collected three (3) samples for metals at specified locations. Samples were collected for a minimum of seven (7) hours using 37 mm mixed cellulose ester filter connected to battery-powered sampling pumps at a flow rate of 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 sample was also submitted on each day. The samples were sent to PSC Analytical Services, Inc., an American Industrial Hygiene Association-accredited laboratory in Reading, PA. Analysis was performed by NIOSH Methods 7300M. Each sample was analyzed for a panel of eleven (11) metals. The metals were aluminum (Al), cadmium (Cd), chromium (Cr), cobalt (Co), copper (Cu), iron (Fe), magnesium (Mg), manganese (Mn), molybdenum (Mo), nickel (Ni) and zinc (Zn). Copies of the analytical reports are attached.

The sampling locations, specified by the parents association consultant, were as follows:

- 1st floor lobby;
- 2nd floor bridge entrance hallway;
- Roof.

The established regulatory values for metals are intended for industrial workplace exposures and are not generally applicable to office/school settings. There are no standards for these metals in indoor air in non-industrial situations.

None of the metals in the analytical panel were present at levels above the limits of detection.

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CITY_21MC100_003429277

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

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Air Sampling for Metals
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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", written over a horizontal line.

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

Attachment

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CITY_21MC100_003429278

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008