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April 26, 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 Silica
P. S. 89M
ATC Project No. 15-19125-0297

Dear Mr. Orlan:

ATC Associates, Inc. (ATC) is pleased to provide this letter report of air sampling for silica-containing dust conducted on April 4, 2002 at the referenced school. The New York City Board of Education (BOE) requested this sampling at the recommendation of Environ Corp., the consultant to the parents association.

Scope of Work

ATC collected ten (10) samples respirable dust using pre-weighed 37mm PVC filters connected to size-selective cyclones to remove the larger (non-respirable) particles prior to deposition on the filters. All samples were collected indoors. The samples were sent to PSC Analytical Services, Inc., an American Industrial Hygiene Association accredited laboratory in Reading, PA. One blank filter was also submitted. Silica analysis was performed by x-ray diffraction according to OSHA Method 142. A copy of the analytical report is attached.

Tenzin Namgyal and Wagdi Abdelshahid, Industrial Hygienists of ATC's New York City office, collected the samples consistent with generally accepted industrial hygiene practices. The results of the sampling represent conditions found on the dates of the survey and may not represent conditions found at other times.

The sampling locations were: the 1st floor hallway by cafeteria (North), 1st floor hallway by Cafeteria (South), Cafeteria, Gymnasium, Auditorium, Room 328 (north), Room 310 (east), Room 302 (south), 2nd floor hallway (South), and 4th floor hallway (South).

Results

Silica was *not present* above the limit of detection (<10 micrograms per sample) in any of the ten samples.

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The OSHA Permissible Exposure Limit is the only regulatory standard for silica exposure, however it is intended for occupational exposure in settings such as foundries, sandblasting, rock drilling, etc. The EPA does not have an ambient-air quality standard for silica.

ATC appreciates the opportunity to provide this indoor air quality consultative 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 stylized flourish at the end.

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

Attachment