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April 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: Air Sampling for Silica**  
**P. S. 234M**  
**ATC Project No. 15-19125-0279**

Dear Mr. Orlan:

ATC Associates Inc. (ATC) is pleased to provide this report of the results of air monitoring for silica-containing dust conducted on March 19, 2002, at the referenced school. The New York City Board of Education (BOE) requested this monitoring at the recommendation of Environ Corp., the consultant to the parents association.

#### **Scope of Work**

ATC collected a total of seven (7) samples (and one blank) for 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 of the samples were collected indoors. The samples were sent to PSC Analytical Services, Inc., an American Industrial Hygiene Association accredited laboratory in Reading, PA. Analysis for silica 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. As with all such sampling, there were inherent limitations created by constraints of time, operational and work practice variability, variations in air contaminant concentrations and sampling and analytical accuracy. The results of the sampling represent conditions found on the dates the samples were collected.

#### **Results**

Samples were obtained in the following locations: 1<sup>st</sup> floor Hallway, Cafeteria, Gymnasium, Auditorium, Room 305 (South), Room 315 (South) and Room 316 (East).

The results of all of the samples were reported to be ***below the detection limit*** for silica (<10.0 micrograms per sample).

Mr. Bernard P. Orlan  
Air Sampling for Silica  
P.S. 234M

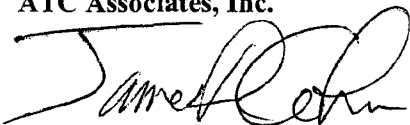
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It is our pleasure to provide these indoor air consultative services to the New York City Board of Education. If you have any questions about this report, please contact me at (212) 353-8280, extension 212.

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