NYC 9/11 Public Portal Document

ATC ASSOCIATES INC.

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March 28, 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

**Re: Air Sampling for Silica**
**P.S. 150M**
**ATC Project No. 15-19125-0289**

Dear Mr. Orlan:

ATC Associates, Inc. (ATC) is pleased to provide this letter report of air sampling for silica-containing dust conducted on March 12, 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 conducted this evaluation to assess the concentration of silica (total quartz) in the respirable particulates within the building.

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

ATC collected four (4) samples for respirable particulates 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 four samples were collected indoors. The samples, plus one blank filter, were sent to PSC Analytical Services, Inc., an American Industrial Hygiene Association accredited laboratory in Reading, PA. Analysis was performed by x-ray diffraction according to OSHA Method 142. A copy of the analytical report is attached.

The assessment was performed consistent with generally accepted industrial hygiene assessment practices. As with all such assessments, there were inherent limitations created by constraints of time, operational and work practice variability, variations in air contaminant concentrations and sampling and analytical accuracy.

NYC 9/11 Public Portal Document



The results of the sampling represent conditions found on the dates of the survey and may not represent conditions found at other times. The information presented in this report should be used by the BOE as a guide to assess the need for further improvements in current indoor air quality control activities.

## RESULTS

Samples were obtained in the Main Lobby, Multipurpose Room, Classroom 502 and Classroom 503.

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

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 call (212) 353-8280, extension 212.

Sincerely,
**ATC Associates Inc.**

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

Attachment

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