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August 29, 2002

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

**Re: Respirable Particulate Sampling
 Dr. Sun Yat Sen School (P.S. 131M)
 ATC Project No. 15-19125-0346**

Dear Mr. Orlan:

ATC Associates Inc. (ATC) is pleased to provide this report of respirable particulate sampling conducted on August 22-23, 2002, in the referenced school building. The New York City Department of Education (DOE) requested this sampling prior to the resumption of classes to verify that acceptable indoor air quality is being maintained.

SCOPE OF WORK

ATC conducted this evaluation to assess the concentrations of respirable particulates within the building.

ATC collected one sample of PM_{2.5} for gravimetric analysis for 24 hours using a Micro Environmental Monitor® (MEM®), manufactured by SKC, Inc. The gravimetric sample was collected on pre-weighed PVC filters supplied and analyzed by PSC Analytical Services, Inc., an American Industrial Hygiene Association-accredited laboratory in Reading, PA.

Wagdi Abdelshahid and Tenzin Namgyal, Industrial Hygienists of ATC's New York City office, conducted the sampling. The assessment was performed consistent with accepted indoor air quality assessment practices. The results of the sampling represent conditions on the date the sample was collected.

EVALUATION CRITERIA

Currently, there are no regulatory standards for indoor air quality in non-industrial buildings, such as offices and schools.

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Table 1 lists target guideline for the parameter that ATC evaluated during this investigation. Meeting the listed value does not assure that acceptable indoor air quality will be achieved at all times.

TABLE 1
TARGET GUIDELINE FOR INDOOR AIR QUALITY PARAMETER
EVALUATED

PARAMETER	TARGET LEVEL	AGENCY OR ORGANIZATION
Respirable Particulates (PM _{2.5})	65 micrograms per cubic meter of air (µg/m ³) 24-hour average	USEPA NPAAQS
	40 micrograms per cubic meter of air (µg/m ³) 24-hour average	USEPA recommendation for children and sensitive individuals

USEPA = United States Environmental Protection Agency
NPAAQS = National Primary Ambient-Air Quality Standard

RESULTS

ATC collected one (1) 24-hour gravimetric sample in the Main Lobby. The analytical laboratory report is provided in the attachment.

The 24-hour average concentration of PM_{2.5} was 20.1 ug/m³, which is *below* both the EPA NPAAQS for PM_{2.5} of 65 ug/m³ and the EPA recommended level of 40 ug/m³.

It is our pleasure to provide these indoor air consultative services to the New York City Department 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