

Re: Asbestos & Lead Testing - December 5, 2001

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December 6, 2001

Mr. Edward Sullivan
Director of Operations
B.M.C.C.
199 Chambers Street
New York, New York 10007-1097

Re: Periodic Asbestos & Lead Testing

Dear Mr. Sullivan,

H. A. Bader Consultants, Inc. performed asbestos and lead testing in various areas at 199 Chambers Street on December 5, 2001. The sampling was performed by Howard Bader, P.E. of H. A. Bader Consultants. This was followup testing for similar surveys performed by H. A. Bader Consultants on September 20 and 28, October 9 and 17 and November 8, 2001.

H. A. Bader Consultants is licensed by the New York State Department of Labor (DOL) as an Asbestos Consultant. Mr. Bader is a New York City Department of Environmental Protection (DEP) Certified Asbestos Investigator. In addition, Mr. Bader is Certified by the DOL and United States Environmental Protection Agency (EPA) Asbestos Hazard Emergency Response Act (AHERA) Program as an Asbestos Air Sampling Technician, Inspector, Management Planner and Project Monitor. Mr. Bader has been trained and certified as a Lead Inspector and Risk Assessor by the New Jersey Department of Health. New York State does not have certifications in this area at this time.

Several buildings at and adjacent to the World Trade Center Complex in lower Manhattan were destroyed or severely damaged on or around September 11, 2001. It is common knowledge that some of these buildings had asbestos containing materials and possibly lead-based paint. A waste transfer operation is occurring directly across the street (West Street) from the school building. It is suspected that debris from the initial building damage and waste transfer operation is potentially contaminating areas in lower Manhattan with asbestos fibers and lead dust.

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H. A. Bader Consultants scope of work was to determine if there is a potential asbestos and/or lead related health concern in the building. Representative areas of the building were tested, including the main entrance ways, areas on the west side of the building (including the portable units on West Street) across from the barge transfer operation and areas previously used by members of the rescue and recovery operation.

If asbestos fibers enter a building they may remain airborne or settle onto fixed surfaces (primarily horizontal surfaces). Lead dust is heavy and settles very quickly. H. A. Bader Consultants testing methods concentrated on both airborne and surface testing for asbestos and surface testing for lead.

Lead Testing

The U.S. Federal Department of Housing and Urban Development (HUD) and the City of New York Department of Environmental Protection (DEP) have established allowable levels of lead dust in residential settings occupied by children. The HUD/DEP clearance level for floor surfaces is of 40 :g/ft².

Nine lead dust samples were taken in representative areas of the building. All the samples were below the level of detection for lead. Reference the attached laboratory results from EMSL Analytical. This testing indicates that there is not a potential lead related health concern in the building.

Asbestos Air Sampling

Nine air samples were taken in representative areas of the building. The samples were analyzed by an accredited asbestos laboratory using transmission electron microscopy (TEM). TEM analysis is very accurate for finding even trace amounts of asbestos fibers present in the air.

The United States Environmental Protection Agency (EPA) has established a protocol for determining whether school areas are safe for re-occupancy after completion of asbestos abatement projects. This procedure is covered by EPA 40 CFR Part 763, Asbestos-Containing Materials in Schools. The procedures state that the average asbestos airborne fiber level in the abated work area must be less than 70 asbestos structures per square millimeter (AS/mm²).

The laboratory results from the testing on December 5, 2001, found no asbestos structures present in any of the samples. Reference the attached laboratory results from EMSL Analytical.

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Asbestos Surface Sampling

The accredited asbestos laboratory analyzed 9 surface dust samples in representative areas of the building using polarized light microscopy (PLM). All the samples had no asbestos detected. Reference the attached laboratory results from EMSL Analytical for locations.

Based on the results of the air and surface dust testing, H. A. Bader Consultants did not find any evidence to suggest a potential asbestos or lead related health concern is present in any of the tested areas. If you have any questions, please call.

Sincerely,

Howard A. Bader, P.E.
President

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