



HUB TESTING LABORATORY, INC.

Environmental Testing Service

95 Beaver Street - Waltham, MA 02453
(781) 893-8330 (781) 893-4414 (fax)

February 28, 2001

Report For: Mr. Ed Dufresne
Haverhill Schools Designated Person
Electrical Inspector's Office
City Hall
4 Summer Street
Haverhill, MA 01830

Hub I.D.: 13304

Project: Constenitino School

Date Samples Collected: February 20, 2001

Scope: Nine samples of suspect materials were collected by Hub Testing Laboratory to help understand if materials located above the ceiling in the first and second floor academic wing are asbestos containing materials. The samples were analyzed for the presence of asbestos.

Analysis: Analysis for the presence of asbestos was performed using Polarized Light Microscopy EPA/600/R-93/116, July 1993.

Results:

<u>Sample I.D.</u>	<u>Material/Location</u>	<u>Composition</u>	<u>%</u>
13304-1	Overspray @ wall to 14 Color: Gray	Mineral Chip	100
13304-2	Fire Proofing door to 35 Color: Tan	*Chrysotile Mineral Chip Vermiculite	10 70 20
13304-3	Overspray Color: White	*Chrysotile Mineral Chip Vermiculite	2 95 3

<u>Sample I.D.</u>	<u>Material/Location</u>	<u>Composition</u>	<u>%</u>
13304-4	Paper Above door to Rm 34 Color: Gray	Cellulose	100
13304-5	Paper Above door to rm. 34 Color: Gray	Cellulose	100
13304-6	Paper Above door to rm. 34 Color: Brown	Cellulose	100
13304-7	Deck plaster North-center Room 34 Color: White	Cellulose Fiberglass Mineral Chip	5 15 80
13304-8	Deck plaster North-center Room 34 Color: White	Cellulose Fiberglass Mineral Chip	5 15 80
13304-9	Deck plaster West Room 34	Cellulose Fiberglass Mineral Chip	5 15 80

*Chrysotile is a common form of asbestos.

The samples were received in good condition.

Observations and
Conclusions:

Two types of spray applied material are located above the ceiling in the two story section of the Consentino School. One material, which is primarily applied to the steel structural members, is an asbestos containing material. The other spray-applied material is a masonry material that is a continuation of the firewalls to the decking. This material is not an asbestos containing material. As both materials have a similar appearance and appear to have been applied using a spraying technique there is extensive "over spray" throughout the ceiling area. The overspray is not as clearly defined as to which material it is from. Samples collected indicate that the overspray are probably intermixed and therefore all the overspray must be considered asbestos containing.

Comment:

Samples 13304-2 and 3 are asbestos containing materials.

This analysis pertains only to the samples analyzed. This report shall not be reproduced except in full, without the written approval of the laboratory.

A handwritten signature in black ink, appearing to read "Susan Boyle". The signature is fluid and cursive, with a long horizontal stroke at the end.

Susan Boyle
Vice President
MA. Analytical
Lab #AA000013