November 25, 2009 Pinchin File No. 02-03-00077

Eastern School District
Suite 601, Atlantic Place
215 Water Street
St. John's, NL
A1C 6C9

Attention: Mr. Jim Sinnott

Re: St Bernard's Elementary School, Witless Bay, NL
Airborne Mould Sampling (Spore Trap)

Introduction

Pinchin LeBlanc Environmental Limited (Pinchin) was commissioned by Mr. Jim Sinnott of Eastern School District to conduct airborne mould sampling (spore trap) in St. Bernard's Elementary School located in Witless Bay, NL.

The air sampling was conducted in Rooms 125, 120, 117, 116, 122, 104 and 109.

Sample Methodology

Spore trap sampling collects both viable and non-viable mould spores, but there is no distinction during analysis. Non-viable refers to spores being incapable of life or living, whereas viable is capable of living. Spore trap sampling is only capable of determining the presence of mould spores identified at the genera level and cannot identify the species of the mould spores recovered.

Spore trap air samples were collected using Micro5 sampling cassettes and a calibrated pump. The pump was calibrated using a primary standard electronic meter at a flow rate of 5 litres per minute. Samples were collected for duration of 5 minutes for a total of 25 litres.

The samples were analyzed at Mycotaxon Consulting Ltd., Microbiology Laboratory, located in Halifax, Nova Scotia. The laboratory is a Public Works Canada Accredited Mycology laboratory that participates in the American Industrial Hygiene Association (AIHA)

Environmental Microbiology Proficiency Analytical Testing Program and is accredited as a Reference Mycologist by the AIHA Environmental Microbiology Laboratory Accreditation Program (EMPAT).

Results

A total of seven (7) air samples were collected inside the school. Samples were collected in Rooms 125, 120, 117, 116, 122, 104 and 109. One (1) outside reference air sample was also collected for comparison purposes.

The following table will provide the results of the spore trap air sampling in table format, detailing for each sample the total spore concentration measured, in spores per cubic metre of air (spore/m^3) and the types of mould spores identified.

Fungal Spores Identified (spores/m^3)	**Outdoor Reference (1667080)**	**Room 109 (1667087)**	**Room 104 (1667079)**	**Room 116 (1667078)**
Fusarium species spores	40	-	-	-
Cladosporium species spores	320	-	-	-
Non-specified fungal spores	40	40	40	-
basidiospores	80		80	-
TOTAL SPORES/m^3	**480**	**40**	**120**	**None Detected**

Fungal Spores Identified (spores/m^3)	**Room 117 (1667088)**	**Room 120 (1667025)**	**Room 122 (1667090)**	**Room 125 (1667077)**
Cladosporium species spores	320	-	-	-
Non-specified fungal spores	-	-	40	-
TOTAL SPORES/m^3	**320**	**None Detected**	**40**	**None Detected**

Generally, the composition and concentration of mould recovered from indoor samples should be similar to the composition and concentration of the mould recovered from the outdoor reference sample. Many elements inside a building can affect the concentration and composition of indoor mould samples. These elements include occupant activities, furnishings and the amount of air exchange.

The concentration of the outdoor reference sample on the sampling day was 480 spores/m^3, recovering Cladosporium sp. spores, basidiospores, non-specified fungal spores and a Fusarium sp. spore. Indoor spore concentrations ranged from None Detected to 320 spores/m^3. The concentrations of the indoor spore trap samples were all lower than the concentration of the outdoor reference sample. The compositions of the indoor samples were similar to the composition of the outdoor reference sample.

The analytical certificate is enclosed with this letter.

Conclusion

Indoor airborne spore trap results suggest that airborne mould levels were acceptable in all of the sample locations on the sampling day.

Limitations

The work performed by Pinchin was conducted in accordance with industry standards. The Client acknowledges that concealed conditions may vary from those encountered or inspected. Pinchin can only comment on the environmental conditions observed on the date(s) the assessment is performed. The air sampling results will apply only to the time and conditions of the testing and may not be used to reliably predict conditions on other days. Pinchin will not provide comment as to the presence or absence of contaminants other than those that were surveyed or sampled for, and at the locations investigated.

No warranty is either expressed or implied, or intended by this agreement or by furnishing oral or written reports or findings. The liability of Pinchin or its staff is limited to the lesser of the fees paid or actual damages incurred by the Client. Pinchin will not be responsible for any consequential or indirect damages. Pinchin will only be liable for damages resulting from negligence of Pinchin. All claims by the Client shall be deemed relinquished if not made within one year after last date of services provided.

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Should you have any questions or require additional information, please contact either of the undersigned at our office (709-754-4490).

Yours truly,

PINCHIN LEBLANC ENVIRONMENTAL LIMITED

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Enclosure: Analytical Results

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Mr. C. Hollett
Pinchin LeBlanc Environmental Ltd.
27 Austin Street, 2nd Floor
St. John's, NL
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November 24, 2009

Dear Mr. Hollett:

Herewith is the list of spore types recovered from the microcell samples from your project 02-03-00077 which were received by this laboratory on November 24, 2009.

SAMPLE	spores/m^3	GENERA
M01 outside	480	Cladosporium sp. spores (8)* basidiospores (2) non-specified fungal spore (1) Fusarium sp. spore (1)
M02 room 109	40	non-specified fungal spore (1)
M03 room 104	120	basidiospores (2) non-specified fungal spore (1)
M04 room 116		none detected
M05 room 117	320	Cladosporium sp. spores (8)
M06 room 120		none detected
M07 room 122	40	non-specified fungal spore (1)
M08 room 125		none detected

*Numbers in parenthesis are spore counts for each taxon recovered in sample.

Note:
1. Aspergillus/Penicillium-like spores may include those of Acremonium, Paecilomyces, and Trichoderma
2. Non-specified fungal spores are those lacking distinguishable characteristics for correct identification

I hope this is helpful. If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely yours,
Mycotaxon Consulting Ltd.
AIHA (EMPAT) Proficient Laboratory

Per: Thomas G. Rand, Ph.D. Mycology