Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

January 21, 2025

FirstOnSite Restoration Ltd.
39 Gurholt Drive
Dartmouth NS B3B 1J8

Attention:	**Jason Kerrivan**
Lab Reference No.:	**b330879**
Client Project Name:	**HRCE - Herring Cove Jr High**
Client Project No.:	**DM24JK253RE3**
Date Received:	**January 21, 2025**
Date Analyzed:	**January 21, 2025**
Analyst(s):	**R. Janssen**
# Samples submitted:	**4**
# Phases analyzed:	**9**

Methods of Analysis:

EPA 600/R-93/116 - Method for the Determination of Asbestos in Bulk Building Materials dated July, 1993

Bulk samples are checked visually and scanned under a stereomicroscope. Slides are prepared with representative portions of material and observed under a Polarized Light Microscope (PLM) at magnifications of 40X, 100X or 400X as appropriate. Asbestos fibres are identified by a combination of morphology, colour, refractive index, extinction, sign of elongation, birefringence and dispersion staining colours. A visual estimate is made of the percentage of asbestos present. A reported concentration of less than (<) the regulatory threshold (see chart below) indicates the presence of confirmed asbestos in trace quantities, limited to only a few fibres or fibre bundles in an entire sample. This method complies with all provincial regulatory requirements (NIOSH 9002, I.R.S.S.T. MA-244). Multiple phases within a sample are analyzed and reported separately.

Provincial Jurisdiction	Regulatory Threshold	Provincial Jurisdiction	Regulatory Threshold
Ontario, British Columbia, Nova Scotia	0.5%	Alberta	Undefined
Quebec	0.1%	Saskatchewan	0.5% friable 1% non-friable
PEI, NWT, Yukon, Nunavut, Newfoundland and Labrador, and New Brunswick	1%	Manitoba	0.1% friable 1% non-friable

All bulk samples submitted to this laboratory for asbestos analysis are retained for a minimum of three months. Samples may be retrieved, upon request, for re-examination at any time during that period.

The Pinchin Ltd. Dartmouth asbestos laboratory is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 201032-0) for the 'EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples' and the 'EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials'; and meets all requirements of ISO/IEC 17025:2017.

This report relates only to the items tested. If you have any questions, please feel free to contact me.

Regards,

NOTE: ***This test report may not be reproduced, except in full, without the written approval of the laboratory. The client may not use this report to claim product endorsement by NVLAP or any agency of the U.S. Government. This report is valid only when signed in blue ink by the analyst and the laboratory manager. Vinyl asbestos floor tiles contain very fine fibres of asbestos and may be missed by some laboratories using the PLM method. Internal verification studies performed by Pinchin indicate that the chance of missing asbestos in floor tiles is no higher than about 2%. The vinyl tile study and laboratory documentation on measurement uncertainty are available upon request. The analysis of dust samples by PLM cannot be used as an indicator of past or present airborne asbestos fibre levels.***

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BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)			
		ASBESTOS		OTHER	
1 VCT Tile / Mastic Library	2 Phases: a) Homogeneous, beige, consolidated, vinyl floor tile.	Chrysotile	0.5-5%	Non-Fibrous Material	> 75%
	b) Homogeneous, black, soft, sticky material on the back of vinyl floor tile.	Chrysotile	0.5-5%	Tar and other Non-Fibrous Material	> 75%
2 VCT Tile / Mastic Cafe (Edges)	2 Phases: a) Homogeneous, black, consolidated, vinyl floor tile.	None Detected		Non-Fibrous Material	> 75%
	b) Homogeneous, black, soft, sticky material on the back of vinyl floor tile.	Chrysotile	0.5-5%	Tar and other Non-Fibrous Material	> 75%
3 VCT Tile / Mastic Music Rm	3 Phases: a) Homogeneous, white, consolidated, vinyl floor tile.	None Detected		Non-Fibrous Material	> 75%
	b) Homogeneous, yellow, soft, sticky material on the back of vinyl floor tile.	None Detected		Non-Fibrous Material	> 75%
	c) Homogeneous, black, tar material.	Chrysotile	0.5-5%	Tar and other Non-Fibrous Material	> 75%
4 VCT Tile / Mastic Music Rm	2 Phases: a) Homogeneous, light grey, consolidated, vinyl floor tile.	Chrysotile	0.5-5%	Non-Fibrous Material	> 75%
	b) Homogeneous, black, soft, sticky material on the back of vinyl floor tile.	Chrysotile	0.5-5%	Tar and other Non-Fibrous Material	> 75%

Reviewed by:

Pinchin Ltd.
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Reporting Analyst:

Pinchin Ltd.
2025.01.21 15:39:42-04'00'
Reid Janssen