ALL-TECH
ENVIRONMENTAL SERVICES LIMITED

20 Duke Street, Suite 109
Bedford, NS B4A 2Z5
Web: www.toalltech.com

Ph: 902.835.3727
Fax: 902.835.5266
Email: email@toalltech.com

September 3rd, 2020

Stephen Rose
Halifax Regional Centre for Education
33 Spectacle Lake Drive
Dartmouth, Nova Scotia
B3B 1X7

Project#: 26952

Asbestos Analyses Report – Harbourview Elementary School – 25 Alfred Street, Dartmouth, Nova Scotia

---

On August 28th, 2020, two (2) bulk samples [twelve (12) layers] were received by ALL-TECH Environmental Services Limited for asbestos analyses from within Harbourview Elementary School located at 25 Alfred Street in Dartmouth, Nova Scotia. The samples were submitted to the EMC Scientific Inc. for asbestos content analyses.

What is Asbestos?

Asbestos is a generic term which is used to describe a group of naturally occurring fibrous mineral silicates (fibrous rock). Six main types of asbestos are chrysotile, amosite, crocidolite, anthophyllite, tremolite, and actinolite. Heat, corrosion, and tensile qualities of asbestos have been so beneficial, that from the dates 1900 to 1980, asbestos was used worldwide in over 3000 different commercial products. Asbestos has been used in fireproofing materials, friction products, reinforcing building materials, insulations materials (thermal/acoustic), etc.

Results

The samples were analysed by EMC for asbestos identification by Polarized Light Microscopy (PLM), utilizing Dispersion Staining Techniques (DS). The EPA 600/R-93/116 Analytical Method was followed. The results of the analyses are presented in Table 1.0.

Table 1.0
Asbestos Analysis Results
August 28th, 2020

Sample #	Location	Description	Asbestos Content (%)
A-01	4 Ply Felt/Fibreboard/Insulation	Black, Tar	**None Detected**
		Black, Tar with Fibres	**None Detected**
		Brown, Paper with Tar	**None Detected**
		Grey, Paper	**None Detected**

Sample #	Location	Description	Asbestos Content (%)
		Brown, Fibrous Material	**None Detected**
		Yellow, Foam	**None Detected**
A-02	4 Ply Felt/Fibreboard/Vapour Barrier	Black, Tar	**None Detected**
		Black, Tar with Fibres	**None Detected**
		Brown, Paper with Tar	**None Detected**
		Grey, Paper	**None Detected**
		Brown, Fibrous Material	**None Detected**
		Yellow, Foam	**None Detected**

Conclusion

Results of the asbestos analyses indicate that the samples submitted **DO NOT contain asbestos.** Nova Scotia's Department of Labour considers building material as asbestos containing if it contains asbestos at a concentration greater than or equal to 0.5% asbestos fibres.

It has been a pleasure providing you with this service. If you should have any questions or concerns regarding this report, please do not hesitate to call our office at (902) 835-3727.

Thank you and have a great day,

Alisha Glogowski, B.Sc.
Environmental Scientist
ALL-TECH Environmental Services Ltd.

ALL-TECH
ENVIRONMENTAL SERVICES LIMITED