



February 6, 2023

599 Brealey Dr.  
Peterborough, Ontario  
K9J 7B1

**ATTN: Rick Teasdale**  
Manager

**RE: Asbestos Abatement Inspection - THEM Project #18219**  
Sir Sandford Fleming College - 599 Brealey Drive, Peterborough, ON  
Type 2 Removal of Asbestos-Containing Drywall Joint Compound

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## 1.0 INTRODUCTION AND BACKGROUND

T. Harris Environmental Management Inc. (THEM) was commissioned - to conduct Type 2 asbestos abatement inspection and consulting services in conjunction with the asbestos abatement and clean-up at Fleming College - 599 Brealey Drive, Peterborough, Ontario. Personnel from THEM attended the above noted location to perform an asbestos abatement inspection with the asbestos abatement contractor, A&O Contracting Inc. The scope of work included the removal of approximately nine (9) ft<sup>2</sup> of the asbestos-containing drywall joint compound and drywall in the ceiling. T. Harris Environmental Management was requested, by the abatement contractor, to perform a visual inspection of abatement activities, and site conditions to document the site conditions within the specified work area.

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## 2.0 BACKGROUND OF ASBESTOS

Asbestos is a general name for several varieties of highly fibrous silicate minerals. Commercially significant types include *Chrysotile*, *Amosite* and *Crocidolite*. The fibres are valued for their heat- and chemical-resistant properties. The combination of fibrous structures, low heat conductivity, high electrical resistance, chemical inertness, strength, flexibility and its effectiveness as a reinforcing or binding agent when combined with cement or plastic, made it popular for wide industrial use.

## 3.0 ONTARIO REGULATIONS FOR ASBESTOS IN BUILDING MATERIALS

Asbestos is a Designated Substance and, as such, exposure to airborne asbestos is regulated by Ontario Regulation 278/05 – *Asbestos on Construction Projects and in Buildings and Repair*



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*Operations* and, Ontario Regulation 490/09 – *Designated Substances* – both made under the Occupational Health and Safety Act.

Waste management of materials that contain asbestos is regulated by Ontario Regulation 347/90 as amended, made under the Environmental Protection Act. Section 17 of this regulation outlines the requirements for proper handling, transportation and disposal of materials that contain asbestos.

#### **4.0 METHODOLOGY FOR INSPECTIONS**

##### **4.1 Visual Inspection for Asbestos Abatement**

Visual inspection within the project area of Fleming College was conducted by THEM personnel in the February 4, 2023. One (1) Type 2 full enclosure were observed.

Visual inspections conducted upon completion of the abatement activities focused primarily on the inspection of the construction of enclosure, and installation of associated engineering controls for the asbestos abatement. Polyethylene barriers and all seals of the enclosures were inspected for adhesive strength to ensure durability during abatement. Weighted flaps were observed to cover the entrance of enclosure. Asbestos abatement warning sign was observed at the entrance of enclosure. All contractor personnel working in the enclosure were observed donning proper personal protective equipment (PPE).

In addition, THEM noted that the specified asbestos-containing drywall in the ceiling had been removed. No visible dust or debris were observed at the time of the final visual inspection. The enclosure was observed to have been well maintained and in good integrity, and all waste was double bagged in yellow asbestos bags and made ready for disposal offsite.

A selection of photographs collected during our site inspection is included in **Appendix I**.

#### **5.0 CONCLUSIONS**

Inspections showed all proper procedures, in accordance with Ontario Regulation 278/05 - *Asbestos on Construction Projects and Buildings and Repair Operations*- made under the Occupational Health and Safety Act, were being followed. Final visual inspection of the work area noted all waste was double bagged in yellow asbestos bags and no visible dust or debris accumulations were observed within the work area. Therefore, the Type 2 asbestos abatement work at Fleming College on February 4, 2023, was given a final **PASS** rating.



## **6.0 LIMITATIONS**

In this statement of limitations, the “Client” refers to the persons or entities to whom this report is addressed. “THEM” refers to T. Harris Environmental Management Inc. The “Contract” refers to any general, or project-specific written agreement, including project-specific scope of work documents, executed between THEM and the Client pertaining to the subject matter of this report.

This report is subject to the limitations set out below, and any other limitations set out in the body of this report or in the Contract between THEM and the Client.

The work described in this report was conducted in accordance with the Contract agreed upon by the Client in a manner consistent with a reasonable level of care and skill normally exercised by members of the environmental consulting profession currently practising under similar conditions in the Province of Ontario.

The work described in this report was undertaken in the context of regulations which were in force and effect at the time of the assessment and which are specified in this report. The assessment did not take into account any regulations which were not in effect at the date of the assessments, or any guideline or standard not specified in this report.

This report is intended solely for the use or uses specified in this report and/or the Contract. Use of this report for purposes other than those set out in this report and/or the Contract will be at the sole risk of the Client.

Copying of this report except as may be reasonably required for internal use by the Client, and any distribution of this report to persons other than the Client in whole or in part, is not permitted without the express written permission of THEM.

**This report is for the sole use of the Client. THEM makes no representation or warranty, either expressed or implied, to any third party with regard to this report and the work referred to in this report and expressly disclaims any, and accepts no duty of care to any third party or any responsibility or liability whatsoever to any third party for any loss, expenses, damages (direct, consequential or contingent), fines, penalties, or other harm that may be suffered or incurred by any third party as a result of any use of, any reliance placed upon, or any decision made or actions taken based upon this report or the work referred to herein.**

In no event shall THEM be liable for any indirect, incidental, special or consequential damages, or damages from loss of profits, revenue, or use, incurred by either the Client or any third party, whether in an action in tort or contract, even if THEM has been advised of the possibility of such damages. THEM's liability for damages shall in no event exceed the limit of available insurance coverage.



If new information concerning the subject matter of this report arises, THEM should be contacted to re-evaluate the conclusions of this report and to provide amendments as required. Should you require additional information or have any queries regarding this project, please contact our office.

Yours truly,

**T. HARRIS ENVIRONMENTAL MANAGEMENT INC.**

Emanuel Ellis, B.Sc  
Environmental/OH&S Technologist

Raj Singh, P.Eng., MBA, AMRT, CMI  
Manager, Greater Toronto Area (GTA) &  
National Capital Region (NCR)



**Asbestos Abatement Inspection Report**  
Sir Sandford Fleming College  
599 Brealey Drive, Peterborough, ON

**THEM PROJECT #18219**  
**FEBRUARY 2023**

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**APPENDIX I**  
**PHOTOGRAPHS**

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**Photograph 1:** View of the project area ceiling where approx. nine (9) ft<sup>2</sup> of asbestos-containing drywall was removed.



**Photograph 2:** View of the worker area and enclosure following Type 2 Operation procedures.