



# Hazardous Building Materials Assessment (Pre-construction)

P01970 Dust Collector Replacement Project Orchard Park Secondary School 200 Dewitt Road, Stoney Creek, Ontario

Prepared for:

# Hamilton-Wentworth District School Board

20 Education Court Hamilton, Ontario, L9A 0B9

February 19, 2025

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Damian Palus, C.E.T. Operations Manager



#### **EXECUTIVE SUMMARY**

Hamilton-Wentworth District School Board (Client) retained Pinchin Ltd. (Pinchin) to conduct a hazardous building materials assessment at Orchard Park Secondary School located at 200 Dewitt Road, Stoney Creek, Ontario. Pinchin performed the assessment on January 29, 2025.

The objective of the assessment was to identify specified hazardous building materials in preparation for building renovation. The proposed work as identified by the Client includes renovations to the dust collectors within the Woodworking Shop Room 1073.

The results of this assessment are intended for use with a properly developed scope of work or performance specifications and safe work procedures.

#### SUMMARY OF FINDINGS

The following is a summary of significant findings; refer to the body of the report for detailed findings:

#### Asbestos:

- Pipe insulation
- Rough plaster

Lead:

- Lead is present in paints and coatings.
- Batteries of emergency lights contain solid lead.

Silica: Crystalline silica is present in concrete and other materials such as masonry, and ceramic tiles.

Mercury: Mercury vapour is present in lamp tubes.

<u>Polychlorinated Biphenyls (PCBs)</u>: Based on the date of construction, PCBs may be present in light ballasts.

Mould and Water Damage: Visible mould and water damage was not observed.



#### SUMMARY OF RECOMMENDATIONS

The following is a summary of significant recommendations; refer to the body of the report for detailed recommendations.

- 1. Conduct further investigation of the following items, which was not completed during this assessment:
  - a. Any items listed as exclusions in this report, prior to disturbance.
- Prepare a scope of work or specifications and safe work procedures for the hazardous materials removal required for the planned work.
- 3. Do not disturb suspected hazardous building materials discovered during the planned work, which have not been identified in this report and arrange for further evaluation and testing.
- 4. Remove and properly dispose of asbestos-containing materials prior to demolition or renovation activities.
- Remove and properly dispose of PCB ballasts when fixtures are decommissioned. All PCB lamp ballasts must be removed from service and properly disposed of by December 31, 2025.

Recycle mercury-containing lamp tubes and thermostats when removed from service.

6. Follow appropriate safe work procedures when handling or disturbing asbestos, lead and silica.

This Executive Summary is subject to the same standard limitations as contained in the report and must be read in conjunction with the entire report.



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#### 1.0 INTRODUCTION AND SCOPE

Hamilton-Wentworth District School Board (Client) retained Pinchin Ltd. (Pinchin) to conduct a hazardous building materials assessment at Orchard Park Secondary School located at 200 Dewitt Road, Stoney Creek, Ontario.

Pinchin performed the assessment on January 29, 2025. The surveyor was unaccompanied during the assessment. The assessed area was unoccupied at the time of the assessment.

The objective of the assessment was to identify specified hazardous building materials in preparation for building renovation.

Renovations being performed include replacing the dust collector and ductwork, as well as replacement of exterior windows.

The results of this assessment are intended for use with a properly developed scope of work or performance specification.

#### 1.1 Scope of Assessment

The **assessed area** is limited to the portion(s) of the building to be renovated, as described by the Client, and identified in the drawings in Appendix I.

The assessment was performed to establish the type of specified hazardous building materials, locations and approximate quantities incorporated in the structure(s) and its finishes.

For the purpose of the assessment and this report, hazardous building materials are defined as follows:

- Asbestos
- Lead
- Silica
- Mercury
- Polychlorinated Biphenyls (PCBs)
- Mould

The following Designated Substances are not typically found in building materials in a composition/state that is hazardous and were not included in this assessment:

- Arsenic
- Acrylonitrile
- Benzene



- Coke oven emissions
- Ethylene oxide
- Isocyanates
- Vinyl chloride monomer

#### 2.0 METHODOLOGY

Pinchin conducted a room-by-room assessment to identify the hazardous building materials as defined in the scope.

The assessment included limited demolition of wall and ceiling finishes (drywall or plaster) to view concealed conditions at representative areas as permitted by the current building use. Limited destructive testing of flooring was conducted where possible (under ceramic tiles, carpets, or multiple layers of flooring). Demolition of exterior building finishes, masonry walls (chases, shafts etc.), and structural surrounds was not conducted.

Limited demolition of masonry block walls (core holes) to investigate for loose fill vermiculite insulation was not conducted, however existing openings in the walls were observed for insulation. Sampling of roofing materials was not conducted.

For further details on the methodology including test methods, refer to Appendix III.

#### 3.0 BACKGROUND INFORMATION

#### 3.1 Building Description

Description Item	Details
Use	Secondary school
Number of Floors	The building is 2 storeys
Total Area	The total area of the building is approximately 150,000 square feet The assessed area is approximately 2,000 square feet
Year of Construction	The building was constructed in 1965
Structure	Structural steel and concrete
Exterior Cladding	Masonry
HVAC	Radiant heating and forced air
Roof	Not assessed
Flooring	Terrazzo
Interior Walls	Ceramic tiles, masonry, drywall, plaster
Ceilings	Acoustic ceiling tiles, drywall, and rough plaster



#### 3.2 Existing Reports

Pinchin reviewed the following reports as part of this assessment:

- *"Asbestos Material Assessment, Orchard Park Secondary School*", prepared by Pinchin Ltd., Pinchin File No. 53138.003, dated September 29, 2009.
- "Orchard Park Secondary School, Asbestos Inventory", updated March 2023, prepared by the HWDSB.
- *"Hazardous Building Materials Assessment, Washroom Renovation"* prepared by Pinchin Ltd., Pinchin File No. 320572.027, dated January 30, 2024.

#### 4.0 FINDINGS

The following section summarizes the findings of the assessment and provides a general description of the hazardous building materials identified. For details on approximate quantities, condition, friability, accessibility, and locations of hazardous building materials; refer to the Hazardous Material Summary / Sample Log and All Data Report in Appendices V and VI.

Any quantities listed in this report or data tables are estimated based on visual approximations only and are subject to variation.

#### 4.1 Asbestos

#### 4.1.1 Pipe Insulation

Parging cement, containing asbestos, is present on pipe fittings (elbows, tees) on domestic cold water systems in the assessed area (samples 029a-c, lab reference No. b63840, photos 1-2).

Sweatwrap insulation (brown layered paper) present on straight sections of various system pipes in the assessed area does not contain asbestos (samples 030a-c, lab reference No. b63840, photo 3).

Remaining pipes in the assessed area are either uninsulated or insulated with non-asbestos fibreglass or other non-asbestos insulation such as mineral fibre or elastomeric foam insulation.

Pipes insulated with asbestos-containing insulations may be present in inaccessible spaces such as above solid ceilings, in chases, in column enclosures and within shafts.



#### Hazardous Building Materials Assessment (Pre-construction) Orchard Park Secondary School, 200 Dewitt Road, Stoney Creek, Ontario Hamilton-Wentworth District School Board



Photo 1



Photo 2



Photo 3

#### 4.1.2 Duct Insulation and Mastic

The following is a summary of duct mastics sampled.

Colour	Sample Location	Sample Number	Asbestos	Photo
Red	Woodworking Room 1073 (Location 4175)	S0006A-C	No	



Colour	Sample Location	Sample Number	Asbestos	Photo
Grey	Woodworking Room 1073 (Location 4175)	S0007A-C	No	

#### 4.1.3 Vermiculite

Loose fill vermiculite was not observed within open cavities of block walls (photo 1).



Photo 1

#### 4.1.4 Acoustic Ceiling Tiles

The following is a summary of acoustic ceiling tiles sampled.

Description	Sample Location	Sample Number, Date Code or Material Composition	Asbestos	Photo
24"x24" lay-in, pinhole	Corridor (Location 4177)	Samples 002a-c, lab reference No. b62854	No	



#### 4.1.5 Plaster and Stucco

Rough plaster, containing asbestos, is present on a steel beam along the south wall of the Wood Shop (previously sampled, photos 1 and 2).



Photo 1



Photo 2

### 4.1.6 Caulking, and Putty

The following is a summary of sealants, caulking, and putties sampled.

Material, Description and Application	Sample Location (Location #)	Sample Number	Asbestos	Photo
Black on grey caulking, exterior ductwork to dust collector	Exterior (Location 1)	S0010A-C	Νο	
Grey caulking, on newer sections of ductwork by windows	Exterior (Location 1)	S0011A- C)	No	



Material, Description and Application	Sample Location (Location #)	Sample Number	Asbestos	Photo
Light grey caulking, on exterior window frames	Exterior (Location 1)	S0012A-C	No	

#### 4.1.7 Paper, Textile and Board Products

Textile vibration dampers, present as duct connectors on the exterior dust collector, do not contain asbestos (samples S0009A-C, photo 1).



Photo 1



#### 4.1.8 Other Building Materials

Beige paint present on concrete block throughout the assessed area does not contain asbestos (samples S0008A-C, photo 1).



Photo 1

#### 4.1.9 Excluded Materials

The following is a list of materials which may contain asbestos and was excluded from the assessment. These materials are presumed to contain asbestos until otherwise proven by sampling and analysis:

- Roofing felts and tar, mastics
- Floor levelling compound
- Electrical components
- Mechanical packing, ropes, and gaskets
- Paper products
- Soffit and fascia boards
- Fire resistant doors
- Terrazzo
- Ropes and gaskets in cast-iron bell and spigot joints
- Sealants on pipe threads



#### 4.2 Lead

#### 4.2.1 Paints and Surface Coatings

Refer to the lab report(s) in Appendix II-B and the Hazardous Material Summary / Sample Log in Appendix V for details on paints sampled and their locations.

The following table summarizes the analytical results of paints sampled.

Sample Number	Colour, Substrate Description	Sample Location	Lead (%)	Photo
L0007	Blue on concrete floor	Woodworking Room 1073 (Location 4175)	0.0046	
L0008	Beige on masonry block walls	Woodworking Room 1073 (Location 4175)	0.21	
L0009	Grey on mechanical dust collector	Exterior (Location 1)	<0.0028	

Results above 0.1% (1,000 mg/kg) are considered lead-containing, and over 0.5% (5,000 mg/kg) are considered lead-based.



#### 4.2.2 Lead Products and Applications

Lead-containing batteries are present in emergency lighting (photo 1).



Photo 1

#### 4.2.3 Excluded Lead Materials

Lead is known to be present in several materials which were not assessed or sampled. The following materials, where found, should be presumed to contain lead.

- Electrical components, including wiring connectors, grounding conductors, and solder
- Solder on pipe connections

#### 4.3 Silica

Crystalline silica is assumed to be a component of the following materials where present in the building.

- Concrete
- Masonry and mortar
- Ceramic tiles and grout
- Plaster

#### 4.4 Mercury

4.4.1 Lamps

Mercury vapour is present in fluorescent lamp tubes.

#### 4.4.2 Mercury-Containing Devices

Mercury-containing devices were not found during the assessment.



#### 4.5 Polychlorinated Biphenyls

#### 4.5.1 Caulking and Sealants

Caulking is present at exterior window frames and on exterior ductwork (samples P0001, photos 1-3). The material is a non-PCB solid based on the threshold (50 mg/kg).



Photo 1



Photo 2



Photo 3

#### 4.5.2 Lighting Ballasts

Based on the date of construction, PCBs may be present in light ballasts.

#### 4.5.3 Transformers

Transformers were not found during the assessment.



#### 4.5.4 Excluded PCB Materials

PCBs are known to be present in several materials and equipment which were not assessed or sampled. The following materials, where found, should be presumed to contain PCBs until sampling proves otherwise.

- Capacitors within or associated with electrical equipment
- Oil impregnated cables

#### 4.6 Mould and Water Damage

Visible mould growth and water damage was not found during the assessment.

#### 5.0 **RECOMMENDATIONS**

#### 5.1 General

- Prepare scope of work or performance specifications for hazardous material removal required for the planned work. The specifications should include safe work practices, personal protective equipment, respiratory protection, and disposal of waste materials.
- 2. If suspected hazardous building materials are discovered during the planned work, which are not identified in this report, do not disturb, and arrange for further testing and evaluation.
- 3. Conduct further investigation of the following items, areas, or locations, which were not completed during this assessment:
  - a. Any items listed as exclusions in this report, prior to disturbance.
- 4. Provide this report and the detailed plans and specifications to the contractor prior to bidding or commencing work.
- 5. Retain a qualified consultant to specify, observe and document the successful removal of hazardous materials.
- 6. Update the asbestos inventory upon completion of the abatement and removal of asbestoscontaining materials and any other relevant findings.

#### 5.2 Building Renovation Work

The following recommendations are made regarding renovation involving the hazardous materials identified.



#### 5.2.1 Asbestos

Remove asbestos-containing materials (ACM) prior to renovation, alteration, or maintenance if ACM may be disturbed by the work. If the identified ACM will not be removed prior to commencement of the work, any potential disturbance of ACM must follow asbestos precautions appropriate for the type of work being performed.

Asbestos-containing materials must be disposed of at a landfill approved to accept asbestos waste.

#### 5.2.2 Lead

For lead-containing or lead-based paints (i.e., greater than the EACC guideline of 0.1% (1,000 mg/kg) for lead-containing paints, and 0.5% (5,000 mg/kg) for lead-based), construction disturbance may result in over-exposure to lead dust or fumes. The need for work procedures, engineering controls and personal protective equipment should be assessed on a site-specific basis to comply with Ministry of Labour, Training and Skills Development regulations and guidelines.

Items painted with paints containing elevated levels of lead may be a hazardous waste. Test lead-painted materials for leachable lead and other metals prior to disposal. Metallic components coated with lead paint do not require leachate testing and can be disposed of as non-hazardous construction and demolition (C&D) waste.

Lead-containing items should be recycled when taken out of service.

#### 5.2.3 Silica

Construction disturbance of silica-containing products may result in excessive exposures to airborne silica, especially if performed indoors and dry. Cutting, grinding, drilling or demolition of materials containing silica should be completed only with proper respiratory protection and other worker safety precautions that comply with applicable regulations and guidelines.

#### 5.2.4 Mercury

Do not break lamp. Recycle and reclaim mercury from fluorescent lamps when taken out of service. Mercury is classified as a hazardous waste and must be disposed of in accordance with applicable regulations.

#### 5.2.5 PCBs

As light fixtures are removed from service, examine light ballasts for PCB content. If ballasts are not clearly labelled as "non-PCB" or are suspected to contain PCBs, package, and ship ballasts for destruction at a federally permitted facility. As per the PCB Regulation (SOR/2008-273), all PCB light ballasts must be removed from service and properly disposed of by December 31, 2025.



Liquid in oil transformers should be sampled immediately for classification purposes.

#### 6.0 TERMS AND LIMITATIONS

This work was performed subject to the Terms and Limitations presented or referenced in the proposal for this project.

Information provided by Pinchin is intended for Client use only. Pinchin will not provide results or information to any party unless disclosure by Pinchin is required by law. Any use by a third party of reports or documents authored by Pinchin or any reliance by a third party on or decisions made by a third party based on the findings described in said documents, is the sole responsibility of such third parties. Pinchin accepts no responsibility for damages suffered by any third party as a result of decisions made or actions conducted. No other warranties are implied or expressed.

#### 7.0 REFERENCES

The following legislation and documents were referenced in completing the assessment and this report:

- Asbestos on Construction Projects and in Buildings and Repair Operations, Ontario Regulation 278/05.
- 2. Designated Substances, Ontario Regulation 490/09.
- 3. Lead on Construction Projects, Ministry of Labour Guidance Document.
- 4. The Environmental Abatement Council of Canada (EACC) Lead Guideline for Construction, Renovation, Maintenance or Repair.
- 5. Ministry of the Environment Regulation, R.R.O. 1990 Reg. 347 as amended.
- 6. Ministry of the Environment Regulation, R.R.O. 1990 Reg. 362 as amended.
- 7. Silica on Construction Projects, Ministry of Labour Guidance Document.
- 8. Alert Mould in Workplace Buildings, Ontario Ministry of Labour.

<sup>\\</sup>PIN-HAM-FS02\job\352000s\0352293.000 HAMILTON-WENT,Various2025Pr,HAZ,CONS\0352293.001 HWDSB,OrchardPk,DustCollect,HAZ,ASSMT\Deliverables\352293.001 HBMA Dust Collector Orchard Park HWDSB Feb 19 2025.docx

Template: Master Report for Hazardous Materials Assessment (Pre-Construction), HAZ, June 19, 2024

APPENDIX I Drawings



APPENDIX II-A Asbestos Analytical Certificates



# **Bulk Asbestos Analysis**

By Polarized Light Microscopy EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E, App.E

Attn: Jessica Cozzitorto

Greg Forrest



Lab Order ID:

Date Received:

**Date Reported:** 

Analysis:

10074208

PLM

02/03/2025

02/07/2025

Customer: Pinchin Ltd. 151 York Boulevard Suite 200 Hamilton, ON L8R 3M2

Project: ON

Sample ID Description Attributes Fibrous Non-Fibrous Asbestos Components Components Lab Sample ID Lab Notes Treatment Red, Brown Duct, Mastic, Red, Loc:4175, S0006A Non-Fibrous Woodworking Shop None Detected 100% Other Homogeneous 10074208\_0001 Ashed Brown, Red Duct, Mastic, Red, Loc:4175. S0006B Non-Fibrous Woodworking Shop 100% Other None Detected Homogeneous 10074208\_0002 Ashed Brown, Red Duct, Mastic, Red, Loc:4175, S0006C Non-Fibrous Woodworking Shop 100% Other None Detected Homogeneous 10074208 0003 Ashed Gray Duct, Mastic, Grey, S0007A Loc:4175,Woodworking Non-Fibrous Shop **None Detected** 100% Other Homogeneous 10074208 0004 Ashed Gray Duct, Mastic, Grey, S0007B Loc:4175,Woodworking Non-Fibrous Shop None Detected 100% Other Homogeneous 10074208 0005 Ashed Gray Duct, Mastic, Grey, S0007C Loc:4175,Woodworking Non-Fibrous Shop **None Detected** 100% Other Homogeneous 10074208 0006 Ashed Green, Beige Wall,Paint,Beige On Block S0008A Wall,Loc:4175,Woodworking Non-Fibrous Shop **None Detected** 100% Other Homogeneous 10074208 0007 Dissolved, Crushed Beige, Green Wall,Paint,Beige On Block Wall,Loc:4175,Woodworking S0008B Non-Fibrous Shop None Detected 100% Other Homogeneous 10074208 0008 Crushed, Dissolved

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, verniculite, and/or heterogenous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Analyst Approved Signatory Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888

Lachlan Krenz (21)



# **Bulk Asbestos Analysis**

By Polarized Light Microscopy EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E, App.E

Attn: Jessica Cozzitorto

Greg Forrest



Lab Order ID:

Date Received:

**Date Reported:** 

Analysis:

10074208

PLM

02/03/2025

02/07/2025

Customer: Pinchin Ltd. 151 York Boulevard Suite 200 Hamilton, ON L8R 3M2

Project: ON

Sample ID Description Attributes Fibrous Non-Fibrous Asbestos Components Components Lab Sample ID Lab Notes Treatment Beige, Green Wall, Paint, Beige On Block S0008C Wall,Loc:4175,Woodworking Non-Fibrous Shop None Detected 100% Other Homogeneous 10074208\_0009 Crushed, Dissolved White Duct, Textile, Vibration S0009A Non-Fibrous Dampener, Loc:1, Exterior None Detected 35% Synthetic Fibers 65% Other Homogeneous 10074208\_0010 Ashed White Duct, Textile, Vibration S0009B Non-Fibrous Dampener, Loc:1, Exterior **None Detected** 65% Other 35% Synthetic Fibers Homogeneous 10074208 0011 Ashed White Duct, Textile, Vibration S0009C Non-Fibrous Dampener, Loc:1, Exterior **None Detected** 35% Synthetic Fibers 65% Other Homogeneous 10074208 0012 Ashed Brown, Gray Duct, Caulking, Black On S0010A Non-Fibrous Grey, Loc:1 Exterior None Detected 100% Other Homogeneous 10074208 0013 Ashed Brown, Gray Duct, Caulking, Black On S0010B Non-Fibrous Grey, Loc:1 Exterior **None Detected** 100% Other Homogeneous 10074208 0014 Ashed Brown, Gray Duct, Caulking, Black On S0010C Non-Fibrous Grey, Loc:1 Exterior **None Detected** 100% Other Homogeneous 10074208 0015 Ashed Gray Window S0011A Frame, Caulking, Grey, Loc: Non-Fibrous 1,Exterior None Detected 100% Other Homogeneous 10074208 0016 Ashed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, verniculite, and/or heterogenous soil samples to conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Analyst Approved Signatory Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888

Lachlan Krenz (21)



ON

**Project:** 

# **Bulk Asbestos Analysis**

By Polarized Light Microscopy EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E, App.E



Customer: Pinchin Ltd. 151 York Boulevard Suite 200 Hamilton, ON L8R 3M2 Attn: Jessica Cozzitorto Greg Forrest **10074208** PLM 02/03/2025 02/07/2025

Sample ID	Description	A shortos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Aspestos	Components	Components	Treatment
S0011B	Window Frame,Caulking,Grey,Loc: 1,Exterior	None Detected		100% Other	Gray Non-Fibrous Homogeneous
10074208_0017					Ashed
S0011C	Window Frame,Caulking,Grey,Loc: 1,Exterior	None Detected		100% Other	Gray Non-Fibrous Homogeneous
10074208_0018					Ashed
S0012A	Duct,Caulking,Light Grey,Loc: 1,Exterior	None Detected		100% Other	Gray Non-Fibrous Homogeneous
10074208_0019		None Detected 100% Other		Ashed	
S0012B	Duct,Caulking,Light Grey,Loc: 1,Exterior	None Detected		100% Other	Gray Non-Fibrous Homogeneous
10074208_0020					Ashed
S0012C	Duct,Caulking,Light Grey,Loc: 1,Exterior	None Detected		100% Other	Gray Non-Fibrous Homogeneous
10074208_0021					Ashed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, verniculite, and/or heterogenous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Analyst Approved Signatory Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888

Analyzed by:

Reviewed by:\_\_\_\_\_

Report Sent by:\_\_\_\_\_ ]0074208

#### Pinchin Ltd. - Asbestos Laboratory Internal Asbestos Bulk Sample Chain of Custody **Special Instructions:** Client Name: **Project Address:** ON Portfolio/Building No: **Pinchin File:** 352293.001 Submitted by: **Greg Forrest** Email: gforrest@pinchin.com CC Email: CC Results to: iessica cozitortio icozzitorto@pinchin.com Date Submitted: January 30 2025 Required by: February 7 2025 21 # of Samples: Priority: 5 Day Turnaround Year of Building Construction (Mandatory, Years ONLY): 1965 Do NOT Stop on Positive (Sample Numbers): Pinchin Pinchin Group Company (Mandatory Field): 145414/202502935194108 HMIS2 Building Reference #: To be Completed by Lab Personnel Only: Lab Reference #: Time: 24 hour clock JAN 3 1 2025 Received by: Date: Month Day Year Name(s) of Analyst(s): Sample Sample Sample Sample Description/Location (Mandatory) Prefix No. Suffix S 0006 Α Duct, Mastic, Red, Loc: 4175, Woodworking Shop Duct, Mastic, Red, Loc: 4175, Woodworking Shop S 0006 В S 0006 С Duct, Mastic, Red, Loc: 4175, Woodworking Shop S 0007 Duct, Mastic, Grey, Loc: 4175, Woodworking Shop Α Duct, Mastic, Grey, Loc: 4175, Woodworking Shop S 0007 B Accepted Duct, Mastic, Grey, Loc: 4175, Woodworking Shop 0007 С S 3. 10:32AM 2

Page 1 of 2

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0008	А	Wall, Paint, Beige On Block Wall, Loc: 4175, Woodworking Shop
S	0008	В	Wall,Paint,Beige On Block Wall,Loc:4175,Woodworking Shop
S	0008	, c	Wall,Paint,Beige On Block Wall,Loc:4175,Woodworking Shop
s	0009	A	Duct, Textile, Vibration Dampener, Loc: 1, Exterior
S	0009	В	Duct, Textile, Vibration Dampener, Loc: 1, Exterior
S	0009	С	Duct, Textile, Vibration Dampener, Loc: 1, Exterior
S	0010	А	Duct, Caulking, Black On Grey, Loc: 1, Exterior
S	0010	В	Duct, Caulking, Black On Grey, Loc: 1, Exterior
S	0010	с	Duct,Caulking,Black On Grey,Loc:1,Exterior
S	0011	A	Window Frame, Caulking, Grey, Loc: 1, Exterior
S	0011	В	Window Frame, Caulking, Grey, Loc: 1, Exterior
S	0011	С	Window Frame, Caulking, Grey, Loc: 1, Exterior
S	0012	A	Duct, Caulking, Light Grey, Loc: 1, Exterior
S	0012	В	Duct, Caulking, Light Grey, Loc: 1, Exterior
S	0012	С	Duct, Caulking, Light Grey, Loc: 1, Exterior



### Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

0320572.027		
M. Pitman / J. Cozzi	torito	
b318708		
A. Kaur / K. Cockbu	rn	
July 18, 2024	Samples Submitted:	3
July 18, 2024	Phases Analyzed:	6
	0320572.027 M. Pitman / J. Cozzi b318708 A. Kaur / K. Cockbu July 18, 2024 July 18, 2024	0320572.027 M. Pitman / J. Cozzitorito b318708 A. Kaur / K. Cockburn July 18, 2024 July 18, 2024 Phases Analyzed:

The Pinchin Ltd. Mississauga asbestos laboratory is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) 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. The Pinchin asbestos laboratory uses the aforementioned methods of analysis for all bulk materials. Please be advised that bulk materials do not include debris, dust, and tape-lift samples, and the analysis and reporting of these materials does not conform with Pinchin Ltd.'s NVLAP accreditation.

Bulk samples are checked visually and scanned under a stereomicroscope. Slides are prepared 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 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 provincial regulatory requirements where applicable. Multiple phases within a sample are analyzed and reported separately.

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.

This report relates only to the items tested.

This report relates only to the items tested and is valid only when signed with a protected, authorized, electronic signature. This report may not be reproduced, except in full, without the written approval of Pinchin Ltd. The client may not use this report to claim product endorsement by NVLAP or any agency of the U.S. Government. Internal verification studies, quality assurance / control data and laboratory documentation on measurement uncertainty are available upon request.



# Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project No.:0320572.027Prepared For:M. Pitman / J. Cozzitorito

Lab Reference No.:b318708Date Analyzed:July 18, 2024

SAMPLE	SAMPLE	% COMPOSITION (	VISUAL ESTIMATE)
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER
S0005A Piping,Sweatwrap,Loc:4313 ,Girls Changeroom	2 Phases: a) Homogeneous, beige, layered paper.	None Detected	Cellulose > 75% Non-Fibrous Material 0.5-5%
	b) Homogeneous, black, tar paper.	None Detected	Cellulose50-75%Tar and other Non-25-50%Fibrous Material
Comments:	Foil is present on the surface	e of this sample.	1
S0005B Piping,Sweatwrap,Loc:4313 ,Girls Changeroom	2 Phases: a) Homogeneous, beige, layered paper. b) Homogeneous, black, tar paper.	None Detected None Detected	Cellulose > 75% Non-Fibrous Material 0.5-5% Cellulose 50-75% Tar and other Non- 25-50% Fibrous Material
Comments:	Foil is present on the surface	e of this sample.	
S0005C Piping,Sweatwrap,Loc:4313 ,Girls Changeroom	2 Phases: a) Homogeneous, beige, layered paper. b) Homogeneous, black. tar	None Detected	Cellulose > 75% Non-Fibrous Material 0.5-5% Cellulose 50-75%
	paper.		Tar and other Non- 25-50% Fibrous Material



# Pinchin Ltd. - Asbestos Laboratory Internal Asbestos Bulk Sample Chain of Custody

Client Name:	-				Project Address:	ON		
Portfolio/Bui	ilding No:				Pinchin File:	320572.027		gal <sup>2</sup> v
Submitted by	y:	Matt Pitman	313-L 3		Email:	mpitman@pi	inchin.com	
CC Results t	:0:	Jessixa Cozz	torito		CC Email:	jcozzirorto@pinchin.com		<u>1</u>
Date Submit	ted:	July	17	2024	Required by:	July	19	2024
# of Samples	5:	3	True to	12 5 -	Priority:	Rus	h Turnarour	nd
Year of Build	ding Constru	ction (Manda	tory, Years	ONLY):	1965			
Do NOT Stop	o on Positive	(Sample Nu	mbers):			1 1 200		
Pinchin Grou	up Company	(Mandatory	Field ):			Pinchin		And and
HMIS2 Build	ing Referenc	e #: b3(87	108 29		134481/202405270	25020271623		- K- 10
To be Comp	leted by Lab	Personnel O	nly:					
Lab Referen	ce #:				Time:	24	hour clock	
Received by	•		JUL	1 8,2024	Date:	Month	Day	Year
Name(s) of A	Analyst(s):	1. 20 A.	A Kau	5		July	13	dor
Sample Prefix	Sample No.	Sample Suffix		Samp	le Description/Lo	cation (Man	datory)	
s	0005	А	Piping,Swe	eatwrap,Lo	c:4313,Girls Change	и) NC eroom b) N	0	
s	0005	В	Piping,Sweatwrap,Loc:4313,Girls Changeroom ん) ND					
S	0005	с	Piping,Swe	eatwrap,Lc	oc:4313,Girls Change	eroom b) [V	0	
		540						(6





Project Name:	Orchard Park Secondary School, 200 DeWitt Road, Stoney Creek				
Project No.:	53138.003				
Prepared For:	Damian Palus	Date Received:	June 2, 2009		
Lab Reference No.:	b62854	Date Analyzed:	June 12, 2009		
Analyst(s):	B. Gurgen	# Samples submitted:	91		
		# Phases analyzed:	84		

### <u>Method of Analysis:</u> 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 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. The percentage range category reported reflects the level of uncertainty of the method for estimating quantities of asbestos in bulk samples. 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. 244-2). Multiple phases within a sample are analyzed separately.

Provincial Jurisdiction	Regulatory Threshold	<b>Provincial Jurisdiction</b>	Regulatory Threshold
Ontario	0.5%	Manitoba	0.1% friable 1% non-friable
Quebec	0.1%	Saskatchewan	Unstated, likely 1.0%
Alberta, British Columbia,			
NWT, Yukon, Nunavut	1%	Atlantic Provinces	1%

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.

Pinchin Environmental Ltd. is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0 and 200795-0) for selected test methods for the identification of asbestos in bulk samples and meets all requirements of ISO/IEC 17025:2005 and relevant requirements of ISO 9002:1994. This report relates only to the items tested. If you have any questions, please feel free to contact me.

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%. Supporting laboratory documentation is available upon request.





Project Name:	Orchard Park Secondary School, 200 DeWitt Road, Stoney Creek
Project No.:	53138.003
Prepared For:	Damian Palus

Lab Reference No.:b62854Date Analyzed:June 12, 2009

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)			
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER		
001A	Homogeneous, grey, soft,	Chrysotile 10-25%	Vermiculite	25-50%	
Rough soft plaster on	cementitious material.		Other Non-Fibrous	25-50%	
partition wall between					
rooms – upper section of					
wall 4173, 4148					
001B			Not Analyzed		
Rough soft plaster on					
partition wall between					
rooms – upper section of					
wall 4173, 4148			i		
Comments:	Analysis was stopped due to	<u>o a p</u> revious positive result.			
001C			Not Analyzed		
Rough soft plaster on					
partition wall between					
rooms – upper section of					
wall 4173, 4148				· .	
Comments:	Analysis was stopped due to	o a previous positive result.			
001D			Not Analyzed		
Rough soft plaster on					
partition wall between					
rooms – upper section of					
wall 4173, 4148					
Comments:	Analysis was stopped due to	o a previous positive result.			

ANALYST: BYMQLC





Project Name:	Orchard Park Secondary School, 200 DeWitt Road, Stoney Creek
Project No.:	53138.003
Prepared For:	Damian Palus

Lab Reference No.: Date Analyzed: b62854 June 12, 2009

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)		
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER	
001E Rough soft plaster on partition wall between rooms – upper section of wall 4173, 4148			Not Analyzed	
Comments:	Analysis was stopped due t	o a previous positive result.		
002A 24x24 ceiling tile- pinhole- 1st floor corridor	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Perlite Other Non-Fibrous	25-50% 25-50% 25-50% 0.5-5%
002B 24x24 ceiling tile- pinhole- 1st floor corridor	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Perlite Other Non-Fibrous	25-50% 25-50% 25-50% 0.5-5%
002C 24x24 ceiling tile- pinhole- 1st floor corridor	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Perlite Other Non-Fibrous	25-50% 25-50% 25-50% 0.5-5%
003A 24x24 deep fissure and pinhole- 4151	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Perlite Other Non-Fibrous	50-75% 10-25% 10-25% 0.5-5%
003B 24x24 deep fissure and pinhole- 4151	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Perlite Other Non-Fibrous	50-75% 10-25% 10-25% 0.5-5%

Syrgen\_ ANALYST:





Project Name:	Orchard Park Secondary School, 200 DeWitt Road, Stoney Creek
Project No.:	53138.003
Prepared For:	Damian Palus

Lab Reference No.: b6 Date Analyzed: Ju

b62854 June 12, 2009

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)			
<b>IDENTIFICATION</b>	DESCRIPTION	ASBESTOS	OTHER		
003C 24x24 deep fissure and pinhole- 4151	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Perlite Other Non-Fibrous	50-75% 10-25% 10-25% 0.5-5%	
004A 2x24 large fissure and pinhole- 4151	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Perlite Other Non-Fibrous	25-50% 25-50% 10-25% 0.5-5%	
004B 2x24 large fissure and pinhole- 4151	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Perlite Other Non-Fibrous	25-50% 25-50% 10-25% 0.5-5%	
004C 2x24 large fissure and pinhole- 4151	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Perlite Other Non-Fibrous	25-50% 25-50% 10-25% 0.5-5%	
005A Drywall compound- ceiling- loc 4152	Homogeneous, beige, soft, cementitious material.	Chrysotile 0.5-	5% Non-Fibrous Material	> 75%	
005B Drywall compound- ceiling- loc 4152			Not Analyzed	_	
Comments:	Analysis was stopped due to	o a previous positive result.			
005C Drywall compound- ceiling- loc 4152			Not Analyzed		
Comments.	IAnalysis was stopped due to	o a previous positive result.			





Project Name:	Orchard Park Secondary School, 200 DeWitt Road, Stoney Creek
Project No.:	53138.003
Prepared For:	Damian Palus

Lab Reference No.:b62854Date Analyzed:June 12, 2009

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)		
IDENTIFICATION	DESCRIPTION	ASBESTÓS	OTHER	
006A Drywall compound- wall- 4154+4155	Homogeneous, white, soft, cementitious material.	None Detected	Non-Fibrous Material	> 75%
Comments:	Cellulose is present on the s	surface of this sample.		
006B Drywall compound- wall- 4154+4155	Homogeneous, white, soft, cementitious material.	None Detected	Non-Fibrous Material	> 75%
006C Drywall compound- wall- 4154+4155	Homogeneous, white, soft, cementitious material.	None Detected	Non-Fibrous Material	> 75%
007A 24x24 ceiling tiles- pinhole and small fissure- 4156	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Non-Fibrous Material	50-75% 25-50% 0.5-5%
007B 24x24 ceiling tiles- pinhole and small fissure- 4156	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Non-Fibrous Material	50-75% 25-50% 0.5-5%
007C 24x24 ceiling tiles- pinhole and small fissure- 4156	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Non-Fibrous Material	50-75% 25-50% 0.5-5%
008A 24x48 ceiling tiles- pinhole and I/w fissure- 4158	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Perlite Other Non-Fibrous	25-50% 25-50% 25-50% 0.5-5%





Project Name:	Orchard Park Secondary School, 200 DeWitt Road, Stoney Creek
Project No.:	53138.003
Prepared For:	Damian Palus

Lab Reference No.:b62854Date Analyzed:June 12, 2009

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)		
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER	
008B 24x48 ceiling tiles- pinhole and I/w fissure- 4158	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Perlite Other Non-Fibrous	25-50% 25-50% 25-50% 0.5-5%
008C 24x48 ceiling tiles- pinhole and I/w fissure- 4158	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Perlite Other Non-Fibrous	25-50% 25-50% 25-50% 0.5-5%
009A 24x48 ceiling tiles- pinhole and w/w fissure- 4163	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Perlite Other Non-Fibrous	25-50% 25-50% 10-25% 0.5-5%
009B 24x48 ceiling tiles- pinhole and w/w fissure- 4163	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Perlite Other Non-Fibrous	25-50% 25-50% 10-25% 0.5-5%
009C 24x48 ceiling tiles- pinhole and w/w fissure- 4163	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Perlite Other Non-Fibrous	25-50% 25-50% 10-25% 0.5-5%
010A 24x48 ceiling tiles- pinhole and fleck- 4163	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Perlite Other Non-Fibrous	50-75% 10-25% 10-25% 0.5-5%

Bysach ANALYST:




Project Name:	Orchard Park Secondary School, 200 DeWitt Road, Stoney Creek
Project No.:	53138.003
Prepared For:	Damian Palus

Lab Reference No.: Date Analyzed:

.

b62854 June 12, 2009

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)		
<b>IDENTIFICATION</b>	DESCRIPTION	ASBESTOS	OTHER	
010B	Homogeneous, beige,	None Detected	Cellulose	50-75%
24x48 ceiling tiles- pinnole	layered, compressed,		Mineral Wool	10-25%
and fleck- 4163	fibrous material.		Perlite	10-25%
			Other Non-Fibrous	0.5-5%
010C	Homogeneous, beige,	None Detected	Cellulose	50-75%
24x48 ceiling tiles- pinhole	layered, compressed,		Mineral Wool	10-25%
and fleck- 4163	fibrous material.		Perlite	10-25%
			Other Non-Fibrous	0.5-5%
011A	Homogeneous, beige,	None Detected	Cellulose	25-50%
24x48 ceiling tiles- pinhole	layered, compressed,		Mineral Wool	25-50%
and small w/w fissure-	fibrous material.		Perlite	10-25%
4164			Other Non-Fibrous	0.5-5%
011B	Homogeneous, beige,	None Detected	Cellulose	25-50%
24x48 ceiling tiles- pinhole	layered, compressed,		Mineral Wool	25-50%
and small w/w fissure-	fibrous material.		Perlite	10-25%
4164			Other Non-Fibrous	0.5-5%
011C	Homogeneous, beige,	None Detected	Cellulose	25-50%
24x48 ceiling tiles- pinhole	layered, compressed,		Mineral Wool	25-50%
and small w/w fissure-	fibrous material.		Perlite	10-25%
4164			Other Non-Fibrous	0.5-5%
012A	Homogeneous, brown,	None Detected	Cellulose	> 75%
12" splined ceiling tiles-	compressed, fibrous			
smooth 4171	material.			
012B	Homogeneous, brown,	None Detected	Cellulose	> 75%
12" splined ceiling tiles-	compressed, fibrous			
smooth 4171	material.			

(4) Open ANALYST:





Project Name:	Orchard Park Secondary School, 200 DeWitt Road, Stoney Creek
Project No.:	53138.003
Prepared For:	Damian Palus

Lab Reference No.: b Date Analyzed: J

b62854 June 12, 2009

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)		
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER	
012C 12" splined ceiling tiles- smooth 4171	Homogeneous, brown, compressed, fibrous material.	None Detected	Cellulose	> 75%
013A Drywall compound- wall- 4171	Homogeneous, white, soft, cementitious material.	None Detected	Non-Fibrous Material	> 75%
013B Drywali compound- wali- 4171	Homogeneous, white, soft, cementitious material.	None Detected	Non-Fibrous Material	> 75%
013C Drywall compound- wall- 4171	Homogeneous, white, soft, cementitious material.	None Detected	Non-Fibrous Material	> 75%
014A 24x24 ceiling tiles- pinhole and fleck- 4177	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Perlite Other Non-Fibrous	25-50% 25-50% 10-25% 0.5-5%
014B 24x24 ceiling tiles- pinhole and fleck- 4177	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Perlite Other Non-Fibrous	25-50% 25-50% 10-25% 0.5-5%
014C 24x24 ceiling tiles- pinhole and fleck- 4177	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Perlite Other Non-Fibrous	25-50% 25-50% 10-25% 0.5-5%

ANALYST: Bytgen





Project Name:	Orchard Park Secondary School, 200 DeWitt Road, Stoney Creek
Project No.:	53138.003
Prepared For:	Damian Palus

Lab Reference No.:b62854Date Analyzed:June 12, 2009

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)			
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER	OTHER	
015A 24x24 ceiling tiles- pinhole and fleck- 4178	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Perlite Other Non-Fibrous	25-50% 25-50% 10-25% 0.5-5%	
015B 24x24 ceiling tiles- pinhole and fleck- 4178	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Perlite Other Non-Fibrous	25-50% 25-50% 10-25% 0.5-5%	
015C 24x24 ceiling tiles- pinhole and fleck- 4178	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Perlite Other Non-Fibrous	25-50% 25-50% 10-25% 0.5-5%	
016A Drywall compound- wall- 4184	Homogeneous, white, soft, cementitious material.	None Detected	Non-Fibrous Material	> 75%	
016B Drywall compound- wall- 4184	Homogeneous, white, soft, cementitious material.	None Detected	Non-Fibrous Material	> 75%	
016C Drywall compound- wall- 4184	Homogeneous, white, soft, cementitious material.	None Detected	Non-Fibrous Material	> 75%	
017A Drywall compound- wall office- <u>4</u> 193	Homogeneous, white, soft, cementitious material.	None Detected	Non-Fibrous Material	> 75%	
017B Drywall compound- wall office- 4193	Homogeneous, white, soft, cementitious material.	None Detected	Non-Fibrous Material	> 75%	

ANALYST: 104 AUG





Project Name:	Orchard Park Secondary School, 200 DeWitt Road, Stoney Creek
Project No.:	53138.003
Prepared For:	Damian Palus

Lab Reference No.:b62854Date Analyzed:June 12, 2009

SAMPLE	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)		
IDENTIFICATION		ASBESTOS	OTHER	
017C Drywall compound- wall office- 4193	Homogeneous, white, soft, cementitious material.	None Detected	Non-Fibrous Material	> 75%
018A 12x12 ceiling tiles- glued on- pinhole - 4193	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Non-Fibrous Material	25-50% 50-75% 0.5-5%
018B 12x12 ceiling tiles- glued on- pinhole - 4193	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Non-Fibrous Material	25-50% 50-75% 0.5-5%
018C 12x12 ceiling tiles- glued on- pinhole - 4193	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Non-Fibrous Material	25-50% 50-75% 0.5-5%
019A Mastic below CT 4193	Homogeneous, brown, soft, brittle material.	None Detected	Non-Fibrous Material	> 75%
019B Mastic below CT 4193	Homogeneous, brown, soft, brittle material.	None Detected	Non-Fibrous Material	> 75%
019C Mastic below CT 4193	Homogeneous, brown, soft, brittle material.	None Detected	Non-Fibrous Material	> 75%
020A Drywall compound- ceiling – rm 117-4203	Homogeneous, beige, soft, cementitious material.	Chrysotile 0.5-5%	Non-Fibrous Material	> 75%

ANALYST:\_\_\_\_\_\_\_





Project Name:	Orchard Park Secondary School, 200 DeWitt Road, S	toney Creek
Project No.:	53138.003	
Prepared For:	Damian Palus	*

Lab Reference No.:b62854Date Analyzed:June 12, 2009

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)		
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER	
020B Drywall compound- ceiling - rm 117-4203			Not Analyzed	
Comments:	Analysis was stopped due to	o a previous positive result.		
020C Drywall compound- ceiling – rm 117-4203			Not Analyzed	
Comments:	Analysis was stopped due to	o a previous positive result.		
021A Drywali compound- wall 4217	Homogeneous, white, soft, cementitious material.	None Detected	Non-Fibrous Material > 75%	
021B Drywall compound- wall 4217	Homogeneous, white, soft, cementitious material.	None Detected	Non-Fibrous Material > 759	
021C Drywall compound- wall 4217	Homogeneous, white, soft, cementitious material.	None Detected	Non-Fibrous Material > 759	
022A Drywall compound- ceiling- 2nd floor closet 4244	2 Phases: a) Homogeneous, beige, soft, cementitious material.	Chrysotile 0.5-5%	Non-Fibrous Material > 75°	
	b) Homogeneous, off- white, soft, cementitious material.		Not Analyzed	
Comments:	Analysis was stopped for pr the surface of this sample.	nase a) due to a previous positive re	esult. Cellulose is present on	





Project Name:	Orchard Park Secondary School, 200 DeWitt Road, Stoney Creek
Project No.:	53138.003
Prepared For:	Damian Palus

Lab Reference No.:b62854Date Analyzed:June 12, 2009

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)		
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER	
022B Drywall compound- ceiling- 2nd floor closet 4244			Not Analyzed	
Comments:	Analysis was stopped due to	o a previous positive result.		
022C Drywall compound- ceiling- 2nd floor closet 4244			Not Analyzed	
Comments:	Analysis was stopped due t	o a previous positive result.		
023A 24x48 ceiling tiles- pinhole and large I/w fissure- 4266	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Perlite Other Non-Fibrous	25-50% 25-50% 10-25% 0.5-5%
023B 24x48 ceiling tiles- pinhole and large l/w fissure- 4266	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Perlite Other Non-Fibrous	25-50% 25-50% 10-25% 0.5-5%
023C 24x48 ceiling tiles- pinhole and large l/w fissure- 4266	Homogeneous, beige, layered, compressed, fibrous material.	None Detected	Cellulose Mineral Wool Perlite Other Non-Fibrous	25-50% 25-50% 10-25% 0.5- <u>5</u> %
024A Drywall compound- ceiling- stair 4290	Homogeneous, white, soft, cementitious material.	None Detected	Non-Fibrous Material	> 75%
024B Drywall compound- ceiling- stair 4290	Homogeneous, white, soft, cementitious material.	None Detected	Non-Fibrous Material	> 75%





Project Name:	Orchard Park Secondary School, 200 DeWitt Road, Stoney Creek
Project No.:	53138.003
Prepared For:	Damian Palus

Lab Reference No.: Date Analyzed: b62854 June 12, 2009

SAMPLE	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)		
IDENTIFICATION		ASBESTOS	OTHER	
024C Drywall compound- ceiling- stair 4290	Homogeneous, white, soft, cementitious material.	None Detected	Non-Fibrous Material >	≻ 75%
025A Drywall compound- wall/ceiling- 4304/4301	Homogeneous, white, soft, cementitious material.	None Detected	Non-Fibrous Material >	> 75%
025B Drywall compound- wall/ceiling- 4304/4301	Homogeneous, white, soft, cementitious material.	None Detected	Non-Fibrous Material >	> 75%
025C Drywall compound- wall/ceiling- 4304/4301	Homogeneous, white, soft, cementitious material.	None Detected	Non-Fibrous Material >	> 75%
026A Thermal insulation- gym on wall- 4305	Homogeneous, off-white, fibrous material.	None Detected	Cellulose > Synthetic Fibres <	> 75% 0.5%
026B Thermal insulation- gym on wall- 4305	Homogeneous, off-white, fibrous material.	None Detected	Cellulose > Synthetic Fibres <	> 75% 0.5%
026C Thermal insulation- gym on wall- 4305	Homogeneous, off-white, fibrous material.	None Detected	Cellulose > Synthetic Fibres <	> 75% 0.5%
026D Thermal insulation- gym on wall- 4305	Homogeneous, off-white, fibrous material.	None Detected	Cellulose > Synthetic Fibres <	> 75% 0.5%
026E Thermal insulation- gym on wall- 4305	Homogeneous, off-white, fibrous material.	None Detected	Cellulose > Synthetic Fibres <	> 75% : 0.5%

Blyngen ANALYST:\_





Project Name:	Orchard Park Secondary School, 200 DeWitt Road, Stoney Creek
Project No.:	53138.003
Prepared For:	Damian Palus

Lab Reference No.:b62854Date Analyzed:June 12, 2009

## BULK SAMPLE ANALYSIS

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)		
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER	
027A Rough plaster- ceiling- shower room only- 4313	2 Phases: a) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%	
	b) Homogeneous, white, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%	
Comments:	Phase a) is small in size. Fo	or more reliable results, a larger sam	ple is required.	
027B Rough plaster- ceiling- shower room only- 4313	2 Phases: a) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%	
	b) Homogeneous, white, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%	
027C Rough plaster- ceiling- shower room only- 4313	2 Phases: a) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%	
	b) Homogeneous, white, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%	

yogen ANALYST

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Project Name:	Orchard Park Secondary School, 200 DeWitt Road, Stoney Creek
Project No.:	53138.003
Prepared For:	Damian Palus

Lab Reference No.: b Date Analyzed: J

b62854 June 12, 2009

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)		
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER	
028A Drywall compound- ceiling 4318	Homogeneous, white, soft, cementitious material.	None Detected	Non-Fibrous Material > 75%	
028B Drywall compound- ceiling 4318	Homogeneous, white, soft, cementitious material.	None Detected	Non-Fibrous Material > 75%	
028C Drywall compound- ceiling 4318	Homogeneous, white, soft, cementitious material.	None Detected	Non-Fibrous Material > 75%	
029A Drywall compound- wall 4329	Homogeneous, white, soft, cementitious material.	None Detected	Non-Fibrous Material > 75%	
029B Drywall compound- wall 4329	Homogeneous, white, soft, cementitious material.	None Detected	Non-Fibrous Material > 75%	
029C Drywall compound- wall 4329	Homogeneous, white, soft, cementitious material.	None Detected	Non-Fibrous Material > 75%	

ANALYST: 45419cm





Project Name:	Orchard Park SS, 200 DeWitt Road Stoney Creek			
Project No.:	53138.003	-		
Prepared For:	James Chappell /	Date Received:	June 24, 2009	
	Damian Palus	Date Analyzed:	July 6, 2009	
Lab Reference No.:	b63840	# Samples submitted:	23	
Analyst(s):	S. van den Berg	# Phases analyzed:	18	

### <u>Method of Analysis:</u> 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 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. The percentage range category reported reflects the level of uncertainty of the method for estimating quantities of asbestos in bulk samples. 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. 244-2). Multiple phases within a sample are analyzed separately.

<b>Provincial Jurisdiction</b>	Regulatory Threshold	Provincial Jurisdiction	Regulatory Threshold
Ontario	0.5%	Manitoba	0.1% friable 1% non-friable
Quebec	0.1%	Saskatchewan	Unstated, likely 1.0%
Alberta, British Columbia,			
NWT, Yukon, Nunavut	1%	Atlantic Provinces	1%

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.

Pinchin Environmental Ltd. is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0 and 200795-0) for selected test methods for the identification of asbestos in bulk samples and meets all requirements of ISO/IEC 17025:2005 and relevant requirements of ISO 9002:1994. This report relates only to the items tested. If you have any questions, please feel free to contact me.

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%. Supporting laboratory documentation is available upon request.





Project Name:	Orchard Park SS, 200 DeWitt Road Stoney Creek
Project No.:	53138.003
Prepared For:	James Chappell / Damian Palus
Lab Reference No :	662840

Lab Reference No.:b63840Date Analyzed:July 6, 2009

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)			
IDENTIFICATION	DESCRIPTION	ASBESTOS		OTHER	
029a Parging cement-hot water heating /domestic water-	Homogeneous, grey, soft, cementitious material.	Chrysotile	50-75%	Non-Fibrous Material	25-50%
Comments:	Cellulose is present on the	surface of this sample	, .		
029b Parging cement-hot water heating /domestic water- 4149				Not Analyzed	
Comments:	Analysis was stopped due t	o a previous positive resu	lt.		
029c Parging cement-hot water heating /domestic water- 4149		· · · · · · · · · · · · · · · · · · ·		Not Analyzed	
Comments:	Analysis was stopped due t	o a previous positive resu	lt.	·	
030a Sweatwrap –domestic cold water-4148	2 Phases: a) Homogeneous, black, tar with fibrous material.	None Detected		Cellulose Tar and other non- fibrous	> 75% 10-25%
	b) Homogeneous, brown, layered paper.	Chrysotile	< 0.5%	Cellulose Hair Non-Fibrous Material	> 75% < 0.5% 0.5-5%
Comments:	The asbestos in phase b) is contamination.	present on the surface o	f the samp	le and may be due to	

nore ANALYST:





Project Name:	Orchard Park SS, 200 DeWitt Road Stoney Creek
Project No.:	53138.003
Prepared For:	James Chappell / Damian Palus

Lab Reference No.: Date Analyzed: b63840 July 6, 2009

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)		
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER	
030b Sweatwrap –domestic cold water-4148	2 Phases: a) Homogeneous, black, tar with fibrous material.	None Detected	Cellulose Tar and other non-	> 75% 10-25%
	b) Homogeneous, brown, layered paper.	Chrysotile < 0.5%	Cellulose Synthetic Fibres Hair	> 75% < 0.5% < 0.5% 0 5-5%
Comments:	The asbestos in phase b) is contamination.	present on the surface of the samp	ble and may be due to	0.0-076
030c	2 Phases:			
Sweatwrap –domestic cold water-4148	a) Homogeneous, black, tar with fibrous material.	None Detected	Cellulose Tar and other non- fibrous	> 75% 10-25%
	b) Homogeneous, brown, layered paper.	None Detected	Cellulose Synthetic Fibres Hair Non-Fibrous Material	> 75% < 0.5% < 0.5% 0.5-5%
031a Parging cement over fibreglass insulationhot water tank-domestic water	Homogeneous, grey, soft, cementitious material.	Chrysotile > 75%	Non-Fibrous Material	10-25%
031b Parging cement over fibreglass insulation –hot water tank-domestic water	Analysis was stonned due t		Not Analyzed	

ANALYST: Sol





# Pinchin Environmental Asbestos Laboratory Certificate of Analysis

Project Name:	Orchard Park SS, 200 DeWitt Road Stoney Creek
Project No.:	53138.003
Prepared For:	James Chappell / Damian Palus

Lab Reference No.: Date Analyzed: b63840 July 6, 2009

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)				
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER			
031c			Not Analyzed	•		
Parging cement over						
fibreglass insulationhot						
water tank-domestic water						
Comments:	Analysis was stopped due to	o a previous positive result.				
032a	Homogeneous, grey, soft,	Chrysotile 50-75%	Non-Fibrous Material 25	-50%		
Parging cement on	cementitious material.					
fibreglass insulation on						
green expansion tanks-						
boiler room						
Comments:	Fibreglass is present on the	surface of this sample.				
032b			Not Analyzed			
Parging cement on						
fibreglass insulation on						
green expansion tanks-						
boiler room						
Comments:	Analysis was stopped due to	o a previous positive result.				
032c			Not Analyzed			
Parging cement on						
fibreglass insulation on						
green expansion tanks-						
boiler room						
Comments:	Analysis was stopped due to	o a previous positive result.				
033a	2 Phases:					
Parging cement and	a) Homogeneous, grey,	Chrysotile > 75%	/Non-Fibrous Material 10	)-25%		
caposite on boiler	soft, cementitious material.					
breeching boiler room						
_						
	b) Homogeneous, beige	Amosite 5-10%	Mineral Wool 50	)-75%		
	fibrous material.	1	Perlite 5	5-10%		
			Other Non-Fibrous 25	5-50%		
Comments:	Cotton fabric reinforcement	is present on the surface of this sa	mple.			

al ANALYST





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# Pinchin Environmental Asbestos Laboratory Certificate of Analysis

Project Name:	Orchard Park SS, 200 DeWitt Road Stoney Creek
Project No.:	53138.003
Prepared For:	James Chappell / Damian Palus

Lab Reference No.: Date Analyzed: b63840 July 6, 2009

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)				
IDENTIFICATION DESCRIPTION ASBESTOS				OTHER		
033b				Not Analyzed		
Parging cement and	-					
caposite on boiler						
breeching boiler room						
Comments:	Analysis was stopped due t	to a previous positive resul	t			
033c				Not Analyzed		
Parging cement and						
caposite on boiler						
breeching boiler room						
Comments:	Analysis was stopped due	to a previous positive resul	lt.			
034a	Homogeneous, grey, soft,	Chrysotile	> 75%	Non-Fibrous Material	10-25%	
Parging cement on hot	cementitious material.					
water tank-4328-over						
fibreglass insulation						
Comments:	Cellulose and tar are prese	ent on the surface of this sa	ample.			
034b				Not Analyzed		
Parging cement on hot		1				
water tank-4328-over						
fibreglass insulation						
Comments:	Analysis was stopped due	to a previous positive resu	lt.			
034c				Not Analyzed		
Parging cement on hot				-		
water tank-4328-over						
fibreglass insulation						
Comments:	Analysis was stopped due	to a previous positive resu	lt.			





Project Name:	Orchard Park SS, 200 DeWitt Road Stoney Creek
Project No.:	53138.003
Prepared For:	James Chappell / Damian Palus
Lab Reference No.:	b63840

Lab Reference No.: b Date Analyzed: J

July 6, 2009

SAMPLE	SAMPLE	% COMPOSITION (	VISUAL ESTIMATE)
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER
035a Fibrous sprayed fireproofing on beam/deck-	2 Phases: a) Homogeneous, off- white, fibrous material.	None Detected	Mineral Wool > 75% Non-Fibrous Material 5-10%
4328	b) Homogeneous, grey, soft, cementitious material.	Chrysotile 50-75%	Non-Fibrous Material 25-50%
Comments:	Phase b) is small in size.	· · · · · · · · · · · · · · · · · · ·	
035b Fibrous sprayed fireproofing on beam/deck- 4328	Homogeneous, off-white, fibrous material.	None Detected	Mineral Wool > 75% Non-Fibrous Material 5-10%
035c Fibrous sprayed fireproofing on beam/deck- 4328	Homogeneous, off-white, fibrous material.	None Detected	Mineral Wool > 75% Non-Fibrous Material 5-10%
035d Fibrous sprayed fireproofing on beam/deck- 4328	Homogeneous, off-white, fibrous material.	None Detected	Mineral Wool > 75% Non-Fibrous Material 5-10%
035e Fibrous sprayed fireproofing on beam/deck- 4328	Homogeneous, off-white, fibrous material.	None Detected	Mineral Wool > 75% Non-Fibrous Material 5-10%





Project Name:	Orchard Park SS, 20	0 DeWitt Road Stoney Cree	ek						
Project No.:	53138.003	53138.003							
Prepared For:	James Chappell /	Date Received:	June 24, 2009						
	Damian Palus	Date Analyzed:	July 6, 2009						
Lab Reference No.:	b63840	# Samples submitted:	23						
Analyst(s):	S. van den Berg	# Phases analyzed:	18						

### <u>Method of Analysis:</u> 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 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. The percentage range category reported reflects the level of uncertainty of the method for estimating quantities of asbestos in bulk samples. 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. 244-2). Multiple phases within a sample are analyzed separately.

Provincial Jurisdiction	Regulatory Threshold	Provincial Jurisdiction	Regulatory Threshold
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Alberta, British Columbia,			
NWT, Yukon, Nunavut	1%	Atlantic Provinces	1%

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.

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APPENDIX II-B Lead Analytical Certificates



Your Project #: 352293.001 Your C.O.C. #: N/A

#### Attention: Jessica Cozzitorto

Pinchin Ltd 2360 Meadowpine Blvd Unit # 2 Mississauga, ON CANADA L5N 6S2

> Report Date: 2025/02/06 Report #: R8482561 Version: 1 - Final

#### **CERTIFICATE OF ANALYSIS**

#### BUREAU VERITAS JOB #: C511235

Received: 2025/01/31, 14:14

Sample Matrix: Solid # Samples Received: 3

		Date	Date		
Analyses	Quantity	Extracted	Analyzed	Laboratory Method	Analytical Method
Metals in Paint	3	2025/02/06	2025/02/06	CAM SOP-00408	EPA 6010D m

#### Remarks:

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

\* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.



Your Project #: 352293.001 Your C.O.C. #: N/A

#### Attention: Jessica Cozzitorto

Pinchin Ltd 2360 Meadowpine Blvd Unit # 2 Mississauga, ON CANADA L5N 6S2

> Report Date: 2025/02/06 Report #: R8482561 Version: 1 - Final

### **CERTIFICATE OF ANALYSIS**

## BUREAU VERITAS JOB #: C511235



Please direct all questions regarding this Certificate of Analysis to: Nilushi Mahathantila, Project Manager Email: Nilushi.Mahathantila@bureauveritas.com Phone# (905) 817-5700

This report has been generated and distributed using a secure automated process.

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.

> Total Cover Pages : 2 Page 2 of 8 Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com



### **ELEMENTS BY ATOMIC SPECTROSCOPY (SOLID)**

Bureau Veritas ID		ANSN78	ANSN79			ANSN80			
Sampling Date		2025/01/29	2025/01/29			2025/01/29			
COC Number		N/A	N/A			N/A			
	UNITS	L0007, FLOOR, CONCRETE (POURED), BLUE, LOC:4175, WOODWORKING SHOP	L0008, WALL, MASONRY, BEIGE, LOC:4175, WOODWORKING SHOP	RDL	MDL	L0009, MECHANICAL EQUIPMENT, METAL, GREY, LOC:1, EXTERIOR	RDL	MDL	QC Batch
Metals									
Lead (Pb)	%	0.0046	0.21	0.0017	0.00051	<0.0028	0.0028	0.00084	9871207
RDL = Reportable Detection L QC Batch = Quality Control Ba	imit atch								



### **TEST SUMMARY**

Bureau Veritas ID: Sample ID: Matrix:	ANSN78 L0007, FLOOR, CONCRETE (POURED), BLUE, LOC:4175, WOODWORKING SHOP Solid					Collected: Shipped: Received:	2025/01/29 2025/01/31
Test Description		Instrumentation	Batch	Extracted	Date Analyzed	Analyst	
Metals in Paint		ICP	9871207	2025/02/06	2025/02/06	Medhat Na	asr
Bureau Veritas ID: Sample ID: Matrix:	ANSN79 L0008, WALL, MASO Solid	NRY, BEIGE, LOC:4175	, WOODWOR	KING SHOP		Collected: Shipped: Received:	2025/01/29 2025/01/31
Test Description		Instrumentation	Batch	Extracted	Date Analyzed	Analyst	
Metals in Paint		ICP	9871207	2025/02/06	2025/02/06	Medhat Na	asr
Bureau Veritas ID: Sample ID: Matrix:	ANSN80 L0009, MECHANICAL Solid	. EQUIPMENT, METAL,	, GREY, LOC:1,	EXTERIOR		Collected: Shipped: Received:	2025/01/29 2025/01/31
Test Description		Instrumentation	Batch	Extracted	Date Analyzed	Analyst	
Metals in Paint		ICP	9871207	2025/02/06	2025/02/06	Medhat Na	asr



#### **GENERAL COMMENTS**

Sample ANSN78 [L0007, FLOOR, CONCRETE (POURED), BLUE, LOC:4175, WOODWORKING SHOP] : Metals Analysis: Due to limited amount of sample available for analysis, a smaller than usual portion of the sample was used. Detection limits were adjusted accordingly.

Sample ANSN79 [L0008, WALL, MASONRY, BEIGE, LOC:4175, WOODWORKING SHOP] : Metals Analysis: Due to limited amount of sample available for analysis, a smaller than usual portion of the sample was used. Detection limits were adjusted accordingly.

Sample ANSN80 [L0009, MECHANICAL EQUIPMENT, METAL, GREY, LOC:1, EXTERIOR] : Metals Analysis: Due to limited amount of sample available for analysis, a smaller than usual portion of the sample was used. Detection limits were adjusted accordingly. Metals Analysis: Due to the sample matrix, sample required dilution. Detection limits were adjusted accordingly.

#### Results relate only to the items tested.

Page 5 of 8 Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com



#### QUALITY ASSURANCE REPORT

Pinchin Ltd Client Project #: 352293.001 Sampler Initials: GF

		Matrix Spike		Method Blank		RPD		QC Standard		
QC Batch	Parameter	Date	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
9871207	Lead (Pb)	2025/02/06	NC (1)	75 - 125	<0.00010	%	1.3	35	107	75 - 125

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

QC Standard: A sample of known concentration prepared by an external agency under stringent conditions. Used as an independent check of method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spike amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than the native sample concentration)

(1) Matrix Spike not calculated. Original sample and matrix spike sample were analyzed at a dilution, due to high target analytes, or sample matrix interference

Page 6 of 8 Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com



#### VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

Lowie A Harding

Louise Harding, Scientific Specialist

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.

BUREAU

6740 Campobello Road, Mississauga, Ontario L5N 2L8

Phone: 905-817-5700 Fax: 905-817-5779 Toll Free: 800-563-6266

BUREAU VERITAS	CAM FCD-01191/6						CHAIN OF CUSTODY RECORD								Page of				
Invoice Information		Repo	rt Information	(if differs from invoice)						Project Information (where applicable)						)	Turnaround Time (TAT) Required		
Company Name: Pinchin Ltd.	Company	Company Name:									Quotation #:								X Regular TAT (5-7 days) Most analyses
Contact Name: Greg Forrest; Jessica Cozzitorto	Contact N	Contact Name:									P.O. #/ AFE#:								PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address:	Address:		1222	80		120					Project #			14		35	2293.0	01	Rush TAT (Surcharges will be applied)
				18	12			10.0			Site Loca	tion:				200		15.1	1 Day 2 Days 3-4 Days
Phone: 365.833.2943 Fax:	Phone:			1	Fax:	133	12				Site #:			1			- 31		
Email: gforrest@pinchin.com; jcozzitorto@pinchin.com	Email:		and the second		1			243			Site Loca	tion P	rovinc	e:					Date Required: 07-Feb-25
MOE REGULATED DRINKING WATER OR WATER INTENDED FOR HUMAN	CONSUMPTION MUST BE	SUBMITTED C	IN THE BUREAU VER	RITAS DE	RINKING	WATE	R CHAI	N OF C	USTODY	Y	Sampled I	Зу:		Greg Fo	rrest				Rush Confirmation #:
Regulation 153	Other R	egulations									Analysis	Requ	ested						LABORATORY USE ONLY
Table 2  Ind/Comm  Coarse    Table 3  Agri/ Other	MISA Content of the second of	VERY TO B TIME SAMPLED (HH:MM)	JIRED) UREAU VERITAS	# OF CONTAINERS SUBMITTED	FIELD FILTERED (CIRCLE) Metals / Hg / CrVI	BTEX/ PHC F1	PHCs F2 - F4	vocs	REG 153 METALS & INORGANICS	REG 153 ICPMS METALS	REG 153 METALS (Hg, Cr VI, ICPMS Metals, HWS - B)	Lead (Pb) in Paints	PCBs					HOI D- DO NOT ANALYZE	COSTONY SEAL Y / N Present Intact COOLER TEMPERATURES COOLER TEMPERATURES COOLER TEMPERATURES COOLER TEMPERATURES COOLER TEMPERATURES
L0007, Floor, Concrete (poured), Blue,Loc:4175,Woodworkin	2025-01-29		BULK									x							
L0008, Wall, Masonry, Beige,Loc:4175,Woodworking Shop	2025-01-29		BULK									x							
L0009, Mechanical Equipment, Metal, Grey,Loc:1,Exterior	2025-01-29		BULK									x							
RELINQUISHED BY: (Signature/Print) DATE	(YYYY/MM/DD) T	IME: (HH:MI	A) RECEIVED B	Y: (Sigr	nature/f	Print)						DATE	(YYYY/	MM/DD	)	TIME:	(HH:MI	v1)	BV JOB #
Gregory Forrest Hypert	2025-01-30		N			N	2	2	A	_		6	15	10	12	/	19	14	

Unless otherwise agreed to in writing, work submitted on this Chain of Custody is subject to Bureau Veritas' standard Terms and Conditions. Signing of this Chain of Cu acceptance of our terms available at https://www.bvna.com/coc-terms-and-conditions



APPENDIX II-C PCB Analytical Certificates



AEVITAS INC. (AYR) ANALYTICAL CHEMISTRY DEPARTMENT 75 WANLESS COURT, AYR, ONTARIO, NOB 1E0, CANADA WWW.AEVITAS.CA



Date of Issue: Feb 06, 2025

**Technique / Test Method** 

**Certificate of Analysis** 

#### Greg Forrest / Jessica Cozzitorto

Pinchin Ltd. (Toronto)

50 Wellington Street East, Toronto, Ontario, M5E 1C8, Canada

Report Description: 1 solid sample was submitted for the following chemical analysis

Project Name:		Date Sampled:	Jan 29, 2025
Project No.:	352293.001	Date Tested:	Feb 05, 2025
Site Location:		Sampled by:	Greg Forrest

MDL

Comments

### Report Number: 25-0104

No.	Analyte	Result	Units	

# <u>1</u> <u>Sample ID.:</u> P0001 - Composite from Duct and Windows, Loc: 1, Exterior

PCBs in Solid	<0.2	mg/Kg	0.2	LAB-M06 (EPA 3550C/8082A
		00		modified)

Results apply to the sample(s) as received.

Approved By:

**Son C.H. Le,** *(Chem.)* Lab Manager Phone: (519) 740-1333 Ext.: 1030 Fax: (519) 740-2320 Email: SonLe@aevitas.ca

The Analytical Chemistry Laboratory of Aevitas Inc. (Ayr) is accredited for specific tests in accordance with the recognized International Standard ISO/IEC 17025:2017, by the Canadian Association for Laboratory Accreditation (CALA) Inc. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017). The laboratory quality management system of Aevitas Inc. (Ayr) also operates in accordance with the principles of ISO 9001.

All Analytical data is subject to uncertainty which, may vary with sample matrices, sample preparation techniques and instrumental parameters. As a general guideline, uncertainty may be expressed as approximately +/- 50% of the reported value at or near the Method Detection Limit (MDL) and +/-10% or less, of the reported result that is greater than 10 times the MDL. Method Detection Limits are defined as approximately 3 times the standard deviation value (at 99% confidence level), which is obtained from replicate analysis of a low-level standard as per the Ontario MOE - MISA Protocol for the Sampling and Analysis of Industrial / Municipal Wastewater (2016). MDL determination is based on undiluted samples with relatively low matrix interferences. Where dilutions are required, the reported MDL value will be scaled proportionally.

All testing procedures follow strict guidelines and quality assurance / quality control (QA/QC) protocols. QA/QC data is available for review at any time upon client's request.

APPENDIX III Methodology



### 1.0 GENERAL

An investigation was conducted to identify the type of Hazardous Building Materials incorporated in the structure and its finishes.

Information regarding the location and condition of hazardous building materials encountered and visually estimated quantities were recorded. The locations of any samples collected were recorded on small-scale plans. As-built drawings and previous reports were referenced where provided.

Sample collection was conducted in accordance with our Standard Operating Procedures.

### 1.1 Asbestos

The investigation for asbestos included friable and non-friable asbestos-containing materials (ACM). A friable material is a material that when dry can be crumbled, pulverized or powdered by hand pressure, or a material that has already become crushed, pulverized, or powdered.

A separate set of samples was collected of each type of homogenous material suspected to contain asbestos. A homogenous material is defined by the US EPA as material that is uniform in texture and appearance, was installed at one time, and is unlikely to consist of more than one type or formulation of material. The homogeneous materials were determined by visual examination and available information on the phases of construction and prior renovations.

Samples were collected at a rate that is in compliance with the requirements of local regulations and guidelines. The sampling strategy was also based on known ban dates and phase out dates of the use of asbestos; sampling of certain building materials is not conducted after specific construction dates. In addition, to be conservative, several years past these dates are added to account for some uncertainty in the exact start / finish date of construction and associated usage of ACM. In some cases, manufactured products such as asbestos cement pipe were visually identified without sample confirmation.

The asbestos analysis of select materials was completed using a stop-positive approach. Only one result meeting the regulated criteria was required to determine that a material is asbestos-containing, but all samples must be analyzed to conclusively determine that a material is non-asbestos. The laboratory stopped analyzing samples from a homogeneous material once a result equal to or greater than the regulated criteria is detected in any of the samples of that material. All samples of a homogeneous material were analyzed if no asbestos is detected. In some cases, all samples were analyzed in the sample set regardless of result.

The analysis was performed in accordance with Test Method EPA/600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, July 1993.



Jurisdiction*	Friable	Non-Friable
BC	0.5% <sup>1</sup>	0.5%
Alberta	Any Amount <sup>2</sup>	Any Amount <sup>2</sup>
Saskatchewan	>0.5%1	>1%
Manitoba	0.1% <sup>1</sup>	1%
Ontario	0.5%	0.5%
Nova Scotia	0.5% <sup>1</sup>	0.5%
New Brunswick	1%	1%
Prince Edward Island	1%	1%
Newfoundland and Labrador	1%	1%
Yukon	1%	1%
Nunavut	1%	1%
Northwest Territories	1%	1%
Federal	1%	1%

Analytical results were compared to the following criteria:

\* If there is a conflict between federal and provincial criteria, the more stringent will apply.

Where building materials are described in the report as "non-asbestos" or "does not contain asbestos", this means that either no asbestos was detected by the analytical method utilized in any of the multiple samples or, if detected, it is below the lower limit of an asbestos-containing material in the applicable regulation. Additionally, these terms are used for materials which historically are known to not include asbestos in their manufacturing.

Asbestos materials were evaluated in order to make recommendations regarding any remedial work. The priority for remedial action was based on several factors:

- Friability (friable or non-friable)
- Condition (good, fair, poor, debris)
- Accessibility (ranking from accessible to all building users to inaccessible)
- Visibility (whether the material is obscured by other building components)
- Efficiency of the work (for example, if damaged ACM is being removed in an area, it may be most practical to remove all ACM in the area even if it is in good condition)

<sup>&</sup>lt;sup>1</sup> Or any amount if vermiculite

<sup>&</sup>lt;sup>2</sup> The Government of Alberta in their guideline document entitled the "Alberta Asbestos Abatement Manual" (August 2019), defines an Asbestos-Containing Material as a product or building material that contains asbestos in any quantity or percentage.



### 1.2 Lead

Samples of distinctive paint finishes, and surface coatings present in more than a limited application, where removal of the paint is possible were collected. The samples were collected by scraping the painted finish to include base and covering applications.

Analysis for lead in paints or surface coatings was performed in accordance with EPA Method No. 3050B/Method No. 7420.

Analytical results were compared to the following criteria.

Jurisdiction*	Units (%)	Units (ppm) / (mg/kg)
British Columbia**	0.009	90
Alberta	0.009	90
Saskatchewan	0.009	90
Manitoba	0.009	90
Ontario	0.009	90
Nova Scotia	0.009	90
New Brunswick	0.009	90
Prince Edward Island	0.009	90
Newfoundland	0.009	90
Yukon	0.009	90
Nunavut	0.1	1,000
Northwest Territories	0.1	1,000
Federal	0.009	90

\* If there is a conflict between federal and provincial criteria, the more stringent will apply.

\*\* WorkSafe BC health and safety regulations do not numerically define what would be considered a leadcontaining paint or coating. In general, paints containing lead >0.009% may require work procedures if disturbed.

Other lead building products (e.g. batteries, lead sheeting, flashing) were identified by visual observation only.

### 1.3 Silica

Building materials known to contain crystalline silica (e.g. concrete, cement, tile, brick, masonry, mortar) were identified by visual inspection only. Pinchin did not perform sampling of these materials for laboratory analysis of crystalline silica content.



### 1.4 Mercury

Building materials, products or equipment (e.g. thermostats, barometers, pressure gauges, lamp tubes), suspected to contain mercury were identified by visual inspection only. Dismantling of equipment suspected of containing mercury was not performed. Sampling of these materials for laboratory analysis of mercury content was not performed.

### 1.5 Polychlorinated Biphenyls

The potential for light ballast and oil filled transformers to contain PCBs was based on the age of the building, a review of maintenance records, and examination of labels or nameplates on equipment, where present and accessible. The information was compared to known ban dates of PCBs and Environment Canada publications.

Dry type transformers were presumed to be free of dielectric fluids and hence non-PCB.

Fluids (mineral oil, hydraulic, Aroclor or Askarel) in transformers or other equipment were not sampled for PCB content.

Caulking was sampled and submitted for PCB analysis following EPA 3550C/8082A.

Sample results are compared to the criteria of 50 mg/kg for solids as stated in the PCB Regulation, SOR/2008-273.

#### 1.6 Visible Mould

The presence of mould or water damage was determined by visual inspection of exposed building surfaces. If any mould growth or water damage was concealed within building cavities it was not addressed in this assessment.

Template: Methodology for Hazardous Building Materials Assessment, HAZ, November 13 2024

APPENDIX IV Location Summary Report





#### Client:Orchard Park Building Name: Orchard Park Secondary School Survey Date: 2025-01-29

Building Phases: A: 1965

Site: 200 Dewitt Road, Stoney Creek, ON

Last Re-Assessment:

Location No.	Name or Description	Area ft <sup>2</sup>	Floor No.	Bldg. Phase	Notes
1	Exterior	0		А	
4175	Woodworking Shop, room no. 1073	2000	1	A	
4177	Corridor, room no. 1055	0		А	

APPENDIX V Hazardous Materials Summary Report / Sample Log



### HAZARDOUS MATERIALS SUMMARY / SAMPLE LOG



Client:Hamilton-Wentworth District School Site: 200 Dewitt Road, Stoney Cre			reek, ON Building Name: Orchard Pa	Survey Date: 2025-01-29							
НАΖМАТ	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Туре	Positive	Friability
Asbestos	S0006 ABC	Duct     Mastic, Red	4175	A	23	0	0	0	None Detected	No	
Asbestos	S0007 ABC	Duct     Mastic, Grey	4175	А	45	0	0	0	None Detected	No	
Asbestos	S0008 ABC	Wall     Paint   Beige On Block Wall	4175	А	0	3000	0	0	None Detected	No	
Asbestos	S0009 ABC	Duct     Textile   Vibration Dampener	1	А	0	72	0	0	None Detected	No	
Asbestos	S0010 ABC	Duct     Caulking   Black On Grey	1	A	8	0	0	0	None Detected	No	
Asbestos	S0011 ABC	Other   Window Frame   Caulking   Grey	1	A	300	0	0	0	None Detected	No	
Asbestos	S0012 ABC	Duct     Caulking   Light Grey	1	A	40	0	0	0	None Detected	No	
Asbestos	V9000	Piping     Parging Cement   8 Elbow, 1 Tee	4175,4177	А	0	0	22	0	Confirmed Asbestos	Yes	F
Asbestos	V9000	Wall   Steel Truss   Plaster   Rough Plaster	4175	А	0	150	0	0	Confirmed Asbestos	Yes	PF
Asbestos	V0000	Ceiling     Ceiling Tiles (lay-in)   24x24 Pinhole	4177	А	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Duct     Foam   Gasket	1	А	0	0	1	0	Non Asbestos	No	
Asbestos	V0000	Duct     Silicone	1	А	20	0	0	0	Non Asbestos	No	
Asbestos	V0000	Piping     Sweatwrap	4177	А	70	0	0	0	Non Asbestos	No	
Asbestos	V0000	Piping     Sweatwrap   Domestic Water	4175	A	0	65	0	0	Non Asbestos	No	
Paint	L0007	Floor   Concrete (poured)   Blue	4175	А	0	2000	0	0		No	-
Paint	L0008	Wall   Masonry   Beige	4175	A	0	3000	0	0	Lead (High)	Yes	-
Paint	L0009	Mechanical Equipment   Metal   Grey	1	A	0	100	0	0		No	-
Lead Product	V9500	Batteries In Emer. Lights	4175	А	0	0	2	0	Presumed Lead Product	Yes	-
PCB	P0001	Composite From Duct And Windows	1	A	148	0	0	0	-	No	-
РСВ	V9500	Light Ballasts	4175	A	0	0	36	0	Presumed PCB	Yes	-
Hg	V9500	Light Fixture	4175	A	0	0	144	0	Presumed Hg	Yes	-


#### HAZARDOUS MATERIALS SUMMARY / SAMPLE LOG



# Legend:

#### Sample number

- S#### Asbestos sample collected
- L#### Paint sample collected
- P#### PCB sample collected
- M#### Mould sample collected
- V#### Material visually similar to numbered sample collected
- V0000 Known non Hazardous Material

V9000 Material is visually identified as Hazardous Material

V9500 Material is presumed to be Hazardous Material

[Loc. No.] Abated Material

#### Units SF

LF

%

Square feet Linear feet EA Each

Percentage

NF Non Friable material.

F Friable material

PF Potentially Friable material

APPENDIX VI HMIS All Data Report





Client: Har	nilton-Wentwortl	h District School Board Site	e: Schools					Building	Name: Or	chard Park	Second	ary School				
Location: #	1 : Exterior	Flo	or:					Room #:					Area (sqft): 0			
Survey Dat	te: 2025-01-29							Last Re-	Assessme	ent: 0000-00	-00					
							ASE	BESTOS	_							
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Duct		Textile, Vibration dampener			В	Y		72			SF	S0009ABC	None Detected	N.D.	None	
Duct		Caulking, Black on grey			В	Y		8			LF	S0010ABC	None Detected	N.D.	None	
Duct		Caulking, Light grey			С	Y		40			LF	S0012ABC	None Detected	N.D.	None	
Duct		Silicone			В	Y		20			LF	V0000	Non-Asbestos		None	
Duct		Foam, Gasket						1			EA	V0000	Non-Asbestos		None	
Other	Window Frame	Caulking, Grey			С	Y		300			LF	S0011ABC	None Detected	N.D.	None	
Location: # Survey Dat	#1 : Exterior te: 2025-01-29	Flo	or:					Room #: Last Re-	Assessme	ent: 0000-00	0-00		Area (sqft): 0			
Survey Dat	te: 2025-01-29							Last Re-	Assessme	ent: 0000-00	-00					
	Crystem		lánus		Cood	De	PA	AINT	Commla			Comula Decerint		<b>A</b>		Llonord
	System	•	Item		100	PO	or	Unit	Sample			Sample Descript	ion			Hazaro
IV	iechanicai Equipment	l l	Mela		100			5F	L0009			Gley		PD. <0.0	028 %	INU
Client: Har	nilton-Wentwort	h District School Board Site	e: Schools					Building	Name: Or	chard Park	Second	ary School				
Location: #	#1 : Exterior	Flo	or:					Room #:					Area (sqft): 0			
Survey Dat	te: 2025-01-29							Last Re-	Assessme	ent: 0000-00	-00					
							P	СВ								
	Com	nponent	Good	Poor	Unit		Sa	ample			Sa	mple Description	n	An	ount	PCB
1																





Client: Ham	ilton-Wentwo	rth District School Board Site: S	Schools					Building	Name: Ord	hard Park	Second	ary School				
Location: #4	4175 : Woodw	orking Shop Floor:	1					Room #:	1073				Area (sqft): 2000			
Survey Date	e: 2025-01-29							Last Re-	Assessme	nt: 0000-00	-00					
							AS	BESTOS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not Found															
Duct		Mastic, Red			С	Y		23			LF	S0006ABC	None Detected	N.D.	None	
Duct		Not Insulated			С	Y		100			%					
Duct		Mastic, Grey			С	Y		45			LF	S0007ABC	None Detected	N.D.	None	
Floor		Concrete (poured)			Α	Y		2000			SF					
Mechanical Equipment	Radiator	Not Insulated			А	Y		100			%					
Piping		Fibreglass		Canvas	С	Y		65			LF					
Piping <sup>1</sup>		Parging Cement, 8 elbow, 1 tee			С	Y		9(7)			EA	V9000	Confirmed Asbestos		Confirmed Asbestos	F
Piping		Sweatwrap, Domestic water			С	Y		65			SF	V0000	Non-Asbestos		None	
Structure	Deck	Concrete (precast)			С	Y		2000			SF					
Structure	Steel Truss	Steel, Green			С	Y		100			%					
Wall		Paint, Beige on block wall			Α	Y		3000			SF	S0008ABC	None Detected	N.D.	None	
Wall <sup>2</sup>	Steel Truss	Plaster, Rough plaster			С	Y		150(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	PF
1 - Previous 2 - Previous	y sampled y sampled															
Client: Ham Location: #4 Survey Date	ilton-Wentwo 4175 : Woodw e: 2025-01-29	rth District School Board Site: S orking Shop Floor:	Schools 1					Building Room #: Last Re-/	Name: Oro 1073 Assessmei	chard Park nt: 0000-00	Second	ary School	Area (sqft): 2000			

				PAINT				
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Floor	Concrete (poured)	2000		SF	L0007	Blue	Pb: 0.0046 %	No
Wall	Masonry	3000		SF	L0008	Beige	Pb: 0.21 %	Lead (High)

Client: Hamilton-Wentworth District School Board	Site: Schools	Building Name: Orchard Park	Secondary School	
Location: #4175 : Woodworking Shop	Floor: 1	Room #: 1073	Area (sqft): 2000	
Survey Date: 2025-01-29		Last Re-Assessment: 0000-00	D-00	
		PB PRODUCTS		

	PB PRODUCIS			
Component	Quantity	Unit	Sample	Hazard
Batteries In Emer. Lights	2	EA	V9500	Presumed

Client: Hamilton-Wentworth District School Board	Site: Schools	Building Name: Orchard Parl	< Secondary School		
Location: #4175 : Woodworking Shop	Floor: 1	Room #: 1073	Area (sqft): 2000		
Survey Date: 2025-01-29		Last Re-Assessment: 0000-0	0-00		
		MERCURY			
Component		Quantity	Unit	Sample	Hazard
Light Fixture		144	EA	V9500	Presumed





Client: Hamilton-Wentworth District School Board	Site: Schools			Building N	lame: Orchard Park Secondary School		
Location: #4175 : Woodworking Shop	Floor: 1			Room #: 1	073 Area (sqft): 2000		
Survey Date: 2025-01-29				Last Re-A	ssessment: 0000-00-00		
				PCB			
Component	Good	Poor	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	36		EA	V9500			Presumed





Client: Ham Location: #4 Survey Date	ilton-Wentwo 4177 : Corrido e: 2025-01-29	rth District School Board Site: S or Floor:	Schools :					Building Room #: Last Re-/	Name: Orc 1055 Assessmer	hard Park nt: 0000-00	Seconda -00	ary School	Area (sqft): 0			
							AS	BESTOS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 24x24 pinhole			С	Y		100			%	V0000	Non-Asbestos		None	
Duct		Not Insulated			С	Ν		100			%					
Floor		Terrazzo			Α	Y		100			%					
Mechanical Equipment	Not Found															
Piping		Fibreglass		Paper	С	Ν		100			%					
Piping		Fibreglass			С	Ν		100			%					
Piping		Parging Cement			С	N		13(7)			EA	V9000	Confirmed Asbestos		Confirmed Asbestos	F
Piping		Sweatwrap			С	Ν		70			LF	V0000	Non-Asbestos		None	
Piping		Not Insulated			С	Ν		100			%					
Structure		Concrete (precast)			С	Ν		100			%					
Structure	Steel Truss	Steel			С	Ν		100			%					
Wall		Masonry, Block wall			Α	Y		100			%					





Leg	end:							
Sample	number	Units	S				Other	
S####	Asbestos sample collected	SF	Square feet				Α	Access
_####	Paint sample collected	LF	Linear feet				V	Visible
>####	PCB sample collected	EA	Each				AP	Air Plenum
<b>√</b> ####	Mould sample collected	%	Percentage				F	Friable material
<b>/</b> ####	Material is visually identified to be identical to S####	LF	Linear feet				NF	Non Friable material
V0000	Known non hazardous material						PF	Potentially Friable material
V9000	Material visually identified as a Hazardous Material						Pb	Lead
V9500	Material is presumed to be a hazardous material						Hg	Mercury
							As	Arsenic
							Cr	Chromium
22000				Conditi	on			
100035	Accessible to all building occupants			Good	No visible damage or d	eterioratio	าท	
3	Accessible to maintenance and operations staff without a l	adder		Fair	Minor, repairable dama	ge. cracki	ing, delami	ination or deterioration
5	Accessible to maintenance and operations staff with a lade	der. Also	rarely entered, locked	Poor	Irreparable damage or d	deteriorat	ion with ex	posed and missing material
D	Not normally accessible							
/isible				Air Pler	num			
Y	The material is visible when standing on the floor of the roo opening of other building components (e.g. ceiling tiles or	om, withc access p	out the removal or anels).	Yes or No	The material is in a retu erosion (e.g. duct for he is only completed wher	urn air ple eating or o re Air Plen	num or in a cooling blo num consio	a direct airstream or there is evidence of air owing directly on or across an ACM). This field leration is required by regulation.
N	The material is not visible to view when standing on the flo removal of a building component (e.g. ceilings tiles or acc Includes rarely entered crawlspaces, attic spaces, etc. Obs extent visible from the access points.	or of the ess pane servations	room and requires the ls) to view and access. s will be limited to the					
L	The material is partially visible to view when standing on the requires the removal of a building component (e.g. ceiling seven completely and access. Includes partially viewed access spaces, etc. without entering. Observations are limited to the access points.	ne floor o system o ess points he extent	f the room and r access panels) to s to crawlspaces, attic visible from the					
Colour (	Coding							
	The material is a hazardous material, either by analytical re identification.	esults or l	by visible					
	The material is presumed to be a hazardous material, base was not sampled due to limited access or the non-destruct	d on visu ive natur	al appearance, and e of sampling.					
Action								
1)	Clean up of ACM Debris	(2)	Precautions for Access	s Which m	ay Disturb ACM Debris	(3)	ACM rem	noval
(4)	Precautions for Work Which may Disturb ACM in Poor Condition	(5)	Proactive ACM remova fair condition)	d (Minimu	m repair required for	(6)	ACM rep	air

2025-02-18



(7) Management program and surveillance

