

Revised Asbestos Reassessment

St. James the Apostle
29 John Murray Street, Stoney
Creek, Ontario

Prepared for:

**Hamilton-Wentworth Catholic
District School Board**
90 Mulberry Street
Hamilton, Ontario, L8N 3R9

August 5, 2021

Pinchin File: 286533.001



Revised Asbestos Reassessment

St. James the Apostle, 29 John Murray Street, Stoney Creek, Ontario
Hamilton-Wentworth Catholic District School Board

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Pinchin File: 286533.001

Issued to: Hamilton-Wentworth Catholic District
School Board

Issued on: August 5, 2021

Pinchin File: 286533.001

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Hamilton-Wentworth
Catholic District School Board
Believing, Achieving, Serving

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EXECUTIVE SUMMARY

Hamilton-Wentworth Catholic District School Board (Client) retained Pinchin Ltd. (Pinchin) to conduct an asbestos building materials reassessment at the subject building.

The objective of the reassessment was to evaluate the condition and quantity of previously reported asbestos-containing materials (ACM), and develop corrective action plans as required for the purposes of long-term management. The results of this reassessment are not intended for construction, renovation, demolition or project tendering purposes.

Summary of Recommendations

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

- Perform a reassessment of asbestos materials on an annual basis.
- Perform a pre-construction assessment and remove all asbestos-containing materials (ACM) prior to alteration or maintenance work if ACM may be disturbed by the work.
- Follow appropriate safe work procedures when handling or disturbing asbestos.
- Sample any presumed ACM prior to alteration or maintenance work if presumed ACM may be disturbed by the work.

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 Catholic District School Board (Client) retained Pinchin Ltd. (Pinchin) to conduct an asbestos building materials reassessment at St. James the Apostle located at 29 John Murray Street, Stoney Creek, Ontario.

The reassessment was performed by Matt Pitman, Project Technologist on May 6, 2021.

The objectives of the reassessment were to document the locations, quantities and conditions of previously identified asbestos-containing building materials and develop corrective action plans as required. This reassessment is only to be used for the purposes of long-term management and routine maintenance. The results of this reassessment are not to be used for construction, renovation, demolition or project tendering purposes.

1.1 Scope of Assessment

The objective of the reassessment was to evaluate the condition and quantity of previously reported asbestos-containing materials (ACM), and develop corrective action plans as required.

Refer to the Asbestos Building Materials Reassessment Methodology report and Annex A dated 2021, Pinchin File 286533.001, for the methodology used during the reassessment.

2.0 BACKGROUND INFORMATION

2.1 Building Year of Construction

Item	Details
Year of Construction	1975

2.2 Existing Reports

2.2.1 Review of Previous Reports

Pinchin previously prepared the following reports, which have been reviewed and relied upon as part of this assessment:

- “Asbestos Assessment, St. James the Apostle, 29 John Murray Street, Stoney Creek, Ontario”, dated December 2018, Prepared by Pinchin Ltd., Pinchin File: 224334.
- “Asbestos Reassessment, St. James the Apostle, 29 John Murray Street, Stoney Creek, Ontario”, dated July 2019, Prepared by Pinchin Ltd., Pinchin File: 243241.



- “Asbestos Reassessment, St. James the Apostle, 29 John Murray Street, Stoney Creek, Ontario”, dated June 2020, Prepared by Pinchin Ltd., Pinchin File: 272113.

3.0 FINDINGS

The following section summarizes the findings of the reassessment and provides a general description of the asbestos materials identified. For details on quantities, assessment, sample numbers, friability, condition, and locations of asbestos materials; refer to the Summary Report and All Data Report in Appendix IV and V.

Previous analytical sample results have been relied upon and were included in the original asbestos assessment report completed by MTE Consultants Inc. Additional samples results where collected by Pinchin have been included in Appendix I.

3.1 Presumed Asbestos Materials

A number of materials which might contain asbestos were not sampled during this reassessment due to limitations in scope and methodology. Where present, these materials are assumed to contain asbestos until otherwise proven by sampling and analysis. These materials are not shown on the drawings in Appendix V. Materials presumed to contain asbestos include:

Material	Friability
Roofing, felts and tar	Non-friable
Concrete floor levelling compound	Non-friable
Electrical components or wiring within control centers, breakers, motors or lights, insulation on wiring	Non-friable
Vermiculite in concrete block wall cavities	Friable
Adhesives and duct mastics	Non-friable
Caulking	Non-friable
Fibre reinforced paints and coatings	Non-friable
Paper products	Non-friable
Soffit and fascia boards	Non-friable
Mechanical packing, ropes and gaskets	Non-friable
Fire resistant doors or metal clad finishes	Non-friable

Material	Friability
Vibration dampers on HVAC equipment	Non-friable
Undercoating on sinks	Non-friable

3.2 Confirmed/Presumed Asbestos-Containing Materials and Confirmed Non-Asbestos Materials

This section includes materials that have been confirmed asbestos-containing by sample analysis or presumed asbestos-containing by visual identification. Refer to the drawings in Appendix V for the locations of all confirmed and presumed ACMs indicated via hatching or symbols. The locations of samples from the historical assessments performed by Pinchin have been included on the drawings.

Material and Application	Asbestos Type/Friability	Photo
Parging cement is present on pipe fittings (elbows, valves, tees, hangers etc.).	None	
Remaining pipes are either uninsulated or insulated with non-asbestos fibreglass or elastomeric insulation (Armaflex).	None	
Ducts are either uninsulated or insulated with non-asbestos fibreglass (foil-faced or canvas).	None	
Mechanical equipment is either uninsulated or insulated with non-asbestos fibreglass.	None	
24"x48" lay-in ceiling tiles, with a texture and pinhole pattern are present.	None	

Material and Application	Asbestos Type/Friability	Photo
24"x48" lay-in ceiling tiles, with a short fissure and pinhole pattern are present.	None	
Smooth plaster present on ceilings does not contain asbestos.	None	
Textured plaster is present as a ceiling finish.	Chrysotile/Potentially Friable	
Textured plaster is present on exterior soffits.	Chrysotile/Potentially Friable	
Drywall joint compound present as a wall finish does not contain asbestos.	None	

Material and Application	Asbestos Type/Friability	Photo
Transite pipe is present as rainwater leaders.	Presumed asbestos/Non-friable	
Vinyl sheet flooring, with a brown pebble pattern is present.	Presumed/Potentially Friable	
Vinyl floor tiles, 12"x12", yellow with white streak are present.	Chrysotile/Non-friable (tile) Presumed/Non-friable (mastic)	
Vinyl floor tiles, 12"x12" red are present.	Chrysotile/Non-friable (tile) Presumed/Non-friable (mastic)	

Material and Application	Asbestos Type/Friability	Photo
<p>Vinyl floor tiles, 12"x12" pink are present.</p>	<p>Presumed/Non-friable (tile) Presumed/Non-friable (mastic)</p>	
<p>Vinyl floor tiles, 12"x12", pink with red and white fleck are present.</p>	<p>Presumed/Non-friable (tile) Presumed/Non-friable (mastic)</p>	
<p>Vinyl floor tiles, 12"x12", brown with white streaks are present.</p>	<p>Presumed/Non-friable (tile) Presumed/Non-friable (mastic)</p>	

Material and Application	Asbestos Type/Friability	Photo
Vinyl floor tiles, 12"x12", beige with brown streaks are present.	Presumed/Non-friable (tile) Presumed/Non-friable (mastic)	
Vinyl floor tiles, 12"x12", black stripe are present.	Presumed/Non-friable (tile) Presumed/Non-friable (mastic)	
Vinyl floor tiles, 12"x12", blue with white streaks are present.	None (tile) None (mastic)	

Material and Application	Asbestos Type/Friability	Photo
Textured paint on concrete block walls is present.	Chrysotile/Non-friable	
Gold mastic undercoating is present on sinks.	Presumed/Non-friable	

Additional notes on the drywall joint compound discussed above:

- Drywall (gypsum board) and drywall joint compound is present as a wall finish throughout the building. As per the methodology, drywall joint compound is sampled at exterior walls, columns or other locations that are unlikely to have been renovated in an attempt to determine the presence of asbestos in the original drywall compound. A total of 3 samples of drywall joint compound were collected (samples 0005A-C, lab reference no. 51829047) and it was found that all samples do not contain asbestos. Therefore, drywall joint compound present on drywall finishes should be considered to be non-asbestos.

Additional notes on the vinyl floor tiles and mastic discussed above:

- Mastic was analysed for asbestos content where it was present on the tiles, however a comprehensive testing program for mastic was not performed.

4.0 RECOMMENDATIONS

4.1 General

Perform a detailed intrusive assessment prior to building renovation or demolition operations. The assessment should include; destructive testing (i.e. coring and/or removal of building finishes and components), sampling of other hazardous materials (lead, mercury, PCBs, mould, etc.), and materials not tested in this study (i.e. roofing materials, caulking, mastics).



4.2 Remedial Work

There is no remedial work recommended.

4.3 On-going Management and Maintenance

The following recommendations are made regarding on-going management and maintenance work involving the asbestos materials identified.

4.3.1 Asbestos

Maintain the Asbestos Management Program (AMP).

Perform a re-assessment of asbestos materials on an annual basis.

Remove asbestos-containing materials (ACM) prior to alteration or maintenance work if ACM may be disturbed by the work. Follow appropriate asbestos precautions for the classification of work being performed.

Sample presumed ACM prior to alteration or maintenance work if the presumed ACM may be disturbed by the work.

Update the asbestos inventory report upon completion of any abatement and removal of asbestos-containing materials.

5.0 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.



Revised Asbestos Reassessment

St. James the Apostle, 29 John Murray Street, Stoney Creek, Ontario
Hamilton-Wentworth Catholic District School Board

August 5, 2021
Pinchin File: 286533.001

6.0 REFERENCES

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

1. Asbestos on Construction Projects and in Buildings and Repair Operations, Ontario Regulation 278/05.
2. Designated Substances, Ontario Regulation 490/09.

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Template: Master Report for Asbestos Reassessment, HAZ, April 23, 2019

APPENDIX I
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



Customer: Pinchin Ltd.
6-875 Main St West
Suite 200
Hamilton, Ontario L8S 4P9

Attn: Michael Maiorana
Frank Rossi

Lab Order ID: 51829047
Analysis ID: 51829047_PLM
Date Received: 11/6/2018
Date Reported: 11/9/2018
Date Amended: 11/20/2018

Project: 230748,29 John Murray St, Stoney Creek,Hamilton-Wentworth Catholic School Board,WO #031467

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0005A	Drywall joint compound wall between Class 9 and 10 (Loc 131)	None Detected		100% Other	White Non Fibrous Homogeneous
51829047PLM_1					Crushed
0005B	Drywall joint compound wall between Class 6 and 7 (Loc 129)	None Detected		100% Other	White Non Fibrous Homogeneous
51829047PLM_2					Crushed
0005C	Drywall joint compound wall Principal's office (Loc 100)	None Detected		100% Other	White Non Fibrous Homogeneous
51829047PLM_3					Crushed
0006A - A	Smooth plaster ceiling (Loc 113)	None Detected		100% Other	White Non Fibrous Homogeneous
51829047PLM_4	finish				Crushed
0006A - B	Smooth plaster ceiling (Loc 113)	None Detected		100% Other	Gray Non Fibrous Homogeneous
51829047PLM_15	base				Crushed
0006B - A	Smooth plaster ceiling (Loc 115)	None Detected		100% Other	White Non Fibrous Homogeneous
51829047PLM_5	finish				Crushed
0006B - B	Smooth plaster ceiling (Loc 115)	None Detected		100% Other	Gray Non Fibrous Homogeneous
51829047PLM_16	base				Crushed
0006C - A	Smooth plaster ceiling (Loc 101)	None Detected		100% Other	White Non Fibrous Homogeneous
51829047PLM_6	finish				Crushed

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, vermiculite, and/or heterogeneous 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 SAL. 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%.

Bethany Nichols (25)

Analyst

Approved Signatory



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.
 6-875 Main St West
 Suite 200
 Hamilton, Ontario L8S 4P9

Attn: Michael Maiorana
 Frank Rossi

Lab Order ID: 51829047
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Date Received: 11/6/2018
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Date Amended: 11/20/2018

Project: 230748,29 John Murray St, Stoney Creek,Hamilton-Wentworth Catholic School Board,WO #031467

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0006C - B	Smooth plaster ceiling (Loc 101)	None Detected		100% Other	Gray Non Fibrous Homogeneous
51829047PLM_17	base				Crushed
0006D - A	Smooth plaster ceiling (Loc 110)	None Detected		100% Other	White Non Fibrous Homogeneous
51829047PLM_7	finish				Crushed
0006D - B	Smooth plaster ceiling (Loc 110)	None Detected		100% Other	Gray Non Fibrous Homogeneous
51829047PLM_18	base				Crushed
0006E - A	Smooth plaster ceiling (Loc 119)	None Detected		100% Other	White Non Fibrous Homogeneous
51829047PLM_8	finish				Crushed
0006E - B	Smooth plaster ceiling (Loc 119)	None Detected		100% Other	Gray Non Fibrous Homogeneous
51829047PLM_19	base				Crushed
0007A - A	Texture plaster soffit - exterior vestibule east end of corridor (Loc 116)	1% Chrysotile		99% Other	White Non Fibrous Homogeneous
51829047PLM_9	textured finish				Crushed
0007A - B	Texture plaster soffit - exterior vestibule east end of corridor (Loc 116)	None Detected		100% Other	Gray Non Fibrous Homogeneous
51829047PLM_20	base				Crushed
0007B - A	Texture plaster soffit - exterior vestibule east end of corridor (Loc 107)	1% Chrysotile		99% Other	White Non Fibrous Homogeneous
51829047PLM_10	textured finish				Crushed

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Bethany Nichols (25)

Analyst

Approved Signatory



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.
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 Hamilton, Ontario L8S 4P9

Attn: Michael Maiorana
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Lab Order ID: 51829047
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Date Received: 11/6/2018
Date Reported: 11/9/2018
Date Amended: 11/20/2018

Project: 230748,29 John Murray St, Stoney Creek,Hamilton-Wentworth Catholic School Board,WO #031467

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0007B - B	Texture plaster soffit - exterior vestibule east end of corridor (Loc 107)	None Detected		100% Other	Gray Non Fibrous Homogeneous
51829047PLM_21	base				Crushed
0007C - A	Texture plaster soffit - exterior vestibule east end of corridor (Loc 116)	1% Chrysotile		99% Other	White Non Fibrous Homogeneous
51829047PLM_11	textured finish				Crushed
0007C - B	Texture plaster soffit - exterior vestibule east end of corridor (Loc 116)	None Detected		100% Other	Gray Non Fibrous Homogeneous
51829047PLM_22	base				Crushed
0008A - A	Texture plaster ceiling girls change room (Loc 113)	1% Chrysotile		99% Other	White Non Fibrous Homogeneous
51829047PLM_12	textured finish				Crushed
0008A - B	Texture plaster ceiling girls change room (Loc 113)	None Detected		100% Other	Gray Non Fibrous Homogeneous
51829047PLM_23	base				Crushed
0008B - A	Texture plaster ceiling boys change room (Loc 115)	1% Chrysotile		99% Other	White Non Fibrous Homogeneous
51829047PLM_13	textured finish				Crushed
0008B - B	Texture plaster ceiling boys change room (Loc 115)	None Detected		100% Other	Gray Non Fibrous Homogeneous
51829047PLM_24	base				Crushed
0008C - A	Texture plaster ceiling boys change room (Loc 115)	1% Chrysotile		99% Other	White Non Fibrous Homogeneous
51829047PLM_14	textured finish				Crushed

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Bethany Nichols (25)

Analyst

Approved Signatory



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.
6-875 Main St West
Suite 200
Hamilton, Ontario L8S 4P9

Attn: Michael Maiorana
Frank Rossi

Lab Order ID: 51829047
Analysis ID: 51829047_PLM
Date Received: 11/6/2018
Date Reported: 11/9/2018
Date Amended: 11/20/2018

Project: 230748,29 John Murray St, Stoney Creek,Hamilton-Wentworth Catholic School Board,WO #031467

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0008C - B	Texture plaster ceiling boys change room (Loc 115)	None Detected		100% Other	Gray Non Fibrous Homogeneous
51829047PLM_25	base				Crushed

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Bethany Nichols (25)

Analyst

Approved Signatory

51829047

Version 1-15-2012

Client:	Pinchin Ltd.
Contact:	Michael Maiorana
Address:	875 Main Street W., Unit 11 Hamilton, ON L8S 4R9
Phone:	905-577-6206
Fax:	905-577-6207
Email:	frossi@pinchin.com mmaiorana@pinchin.com
Project:	230748, 29 John Murray St, Stoney Creek, Hamilton-Wentworth Catholic School Board, WO #031467
Client Notes:	
P.O. #:	230748
Date Submitted:	November 5, 2018
Analysis:	PLM - Stop Positive EXCEPT On all the sample sets
TurnAroundTime:	4days

***Instructions:**
Use Column "B" for your contact info

To See an Example Click the
bottom Example Tab.

Enter samples between "<<" and ">>"

Begin Samples with a "<<" above the first sample
and end with a ">>" below the last sample.
Only Enter your data on the first sheet "Sheet1"

Note: Data 1 and Data 2 are optional
fields that do not show up on the official
report, however they will be included
in the electronic data returned to you
to facilitate your reintegration of the report data.

Invoice to:



Scientific
Analytical
Institute

4604 Dundas Dr.
Greensboro, NC 27407
Phone: 336.292.3888
Fax: 336.292.3313
Email: lab@sailab.com

Sample Number	Data 1 (Lab use only)	Sample Description	Data 2 (Lab use only)
---------------	-----------------------	--------------------	-----------------------

<<			
0005A		Drywall joint compound wall between Class 9 and 10 (Loc 131)	
0005B		Drywall joint compound wall between Class 6 and 7 (Loc 129)	
0005C		Drywall joint compound wall Principal's office (Loc 100)	
0006A		Smooth plaster ceiling (Loc 113)	
0006B		Smooth plaster ceiling (Loc 115)	
0006C		Smooth plaster ceiling (Loc 101)	
0006D		Smooth plaster ceiling (Loc 110)	
0006E		Smooth plaster ceiling (Loc 119)	
0007A		Texture plaster ceiling - exterior vestibule east end of corridor (Loc 116)	
0007B		Texture plaster ceiling - exterior vestibule east end of corridor (Loc 107)	
0007C		Texture plaster ceiling - exterior vestibule east end of corridor (Loc 116)	
0008A		Texture plaster ceiling girls change room (Loc 113)	
0008B		Texture plaster ceiling boys change room (Loc 115)	
0008C		Texture plaster ceiling boys change room (Loc 115)	
>>			

By *Barney* 11/6
10:30 AM

Accepted

Rejected



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hamilton-Wentworth Catholic School Board, St. James the Apostle,
29 John Murray Street, Stoney Creek, Ontario

Project No.: 0272113.000

Prepared For: E. Balfour / M. Maiorana

Lab Reference No.:	b230658	Date Received:	May 21, 2020
Analyst(s):	K. Cockburn	Date Analyzed:	May 28, 2020
		# Samples submitted:	3
		# Phases analyzed:	3

Method of Analysis:

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

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

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 17025:2005.

This report relates only to the items tested.

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. Vinyl asbestos floor tiles contain very fine fibres of asbestos and may be missed by some laboratories using the PLM method. Internal verification studies performed by Pinchin indicate that the chance of missing asbestos in floor tiles is no higher than about 2%. The vinyl tile study and laboratory documentation on measurement uncertainty is available upon request. The analysis of dust samples by PLM cannot be used as an indicator of past or present airborne asbestos fibre levels.*



Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project Name: Hamilton-Wentworth Catholic School Board, St. James the Apostle,
29 John Murray Street, Stoney Creek, Ontario
Project No.: 0272113.000
Prepared For: E. Balfour / M. Maiorana
Lab Reference No.: b230658
Date Analyzed: May 28, 2020

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0009A Parging cement, Custodian, Location 117	Homogeneous, grey, soft, parging cement.	None Detected	Cellulose < 0.5% Man-made Vitreous 10-25% Fibres Non-Fibrous Material > 75%
Comments:	This sample is small in size. For more reliable results, a larger sample is required.		
S0009B Parging cement, Custodian, Location 117	Homogeneous, grey, soft, parging cement.	None Detected	Cellulose < 0.5% Man-made Vitreous 10-25% Fibres Non-Fibrous Material > 75%
Comments:	This sample is small in size. For more reliable results, a larger sample is required.		
S0009C Parging cement, Custodian, Location 117	Homogeneous, grey, soft, parging cement.	None Detected	Cellulose 0.5-5% Man-made Vitreous 10-25% Fibres Non-Fibrous Material > 75%

Reviewed by:

Reporting Analyst:



Analyzed by: [Signature]
 Reviewed by: [Signature]
 Report Sent by: [Signature]



Instructions:

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

Client Name:	Hamilton-Wentworth Catholic School Board	Project Address:	29 John Murray Street, Stoney Creek, Ontario
Portfolio/Building No:	St. James the Apostle	Pinchin File:	272113
Submitted by:	Emily Balfour	Email:	ebalfour@pinchin.com
CC Results to:	Michael Maiorana	CC Email:	mmaiorana@pinchin.com
Invoice to:	Accounts Payable	Invoice Email:	ap@pinchin.com
Date Submitted:	May 19 2020	Required by:	May 26 2020
# of Samples:	3	Priority:	5 Day Turnaround
Year of Building Construction (Mandatory Field):	1975		
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):	Pinchin		

To be Completed by Lab Personnel Only:

Lab Reference #:	523065B <i>ck</i>	Time:	24 hour clock
Received by:	MAY 21 2020	Date:	Month Day Year
Name(s) of Analyst(s):	<i>kc 2020/05/20</i>		

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
	S0009	A	Parging cement, Custodian, Location 117 ND
	S0009	B	Parging cement, Custodian, Location 117 ND
	S0009	C	Parging cement, Custodian, Location 117 ND



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hamilton-Wentworth Catholic District School Board
29 John Murray St, Stoney Creek, On

Project No.: 0281761.000

Prepared For: M. Gibbs

Lab Reference No.: b245922 Revised

Analyst(s): N. Barinque

Date Received: February 19, 2021 **# Samples submitted:** 7

Date Analyzed: February 26, 2021 **# Phases analyzed:** 7

March 2, 2021

Method of Analysis:

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

Bulk samples are checked visually and scanned under a stereomicroscope. Slides are prepared 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.

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.

This report relates only to the items tested.

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. Vinyl asbestos floor tiles contain very fine fibres of asbestos and may be missed by some laboratories using the PLM method. Internal verification studies performed by Pinchin indicate that the chance of missing asbestos in floor tiles is no higher than about 2%. The vinyl tile study and laboratory documentation on measurement uncertainty is available upon request. The analysis of dust samples by PLM cannot be used as an indicator of past or present airborne asbestos fibre levels.*



Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project Name: Hamilton-Wentworth Catholic District School Board
29 John Murray St, Stoney Creek, On
Project No.: 0281761.000
Prepared For: M. Gibbs
Lab Reference No.: b245922 Revised
Date Analyzed: February 26, 2021

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)		
		ASBESTOS		OTHER
S0010A Paint / Corridor, Location 108, block wall	Non-homogeneous, white, green, and off-white, coating material.	Chrysotile	0.5-5%	Non-Fibrous Material > 75%
S0010B Paint / Science, Location 109, block wall	Non-homogeneous, white and orange, coating material.	Chrysotile	0.5-5%	Non-Fibrous Material > 75%
S0010C Paint / Library, Location 130, block wall	Non-homogeneous, white and green, coating material.	Chrysotile	0.5-5%	Non-Fibrous Material > 75%
S0010D Paint / Storage, Location 113, block wall	Non-homogeneous, light grey, pink, and white, coating material.	None Detected		Non-Fibrous Material > 75%
S0010E Paint / Boy's Washroom, Location 133, block wall	Non-homogeneous, light grey, white, purple, and off-white, coating material.	None Detected		Non-Fibrous Material > 75%
S0010F Paint / Storage, Location 113, plaster wall	Non-homogeneous, white and off-white, coating material.	None Detected		Non-Fibrous Material > 75%
S0010G Paint / Home Econ, Location 132, block wall	Non-homogeneous, grey, white, yellow, and white, coating material.	Chrysotile	< 0.5%	Non-Fibrous Material > 75%

Reviewed by:

Reporting Analyst:

↓ REVISED b245922*

EWCC Reg 2.19.2021

7

Approved by: NR 21-3-2

Reviewed by: KB

Report Sent by: q

Approved by: NR 21-2-26

Reviewed by: KB

Report Sent by: q

Instruction:

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

Client Name:	Hamilton-Wentworth Catholic District School Board	Project Address:	29 John Murray St, Stoney Creek, On
Portfolio/Building No:		Pinchin File:	281761
Submitted by:	Matt Gibbs	Email:	mgibbs@pinchin.com
CC Results to:		CC Email:	
Date Submitted:	February 17 2021	Required by:	February 25 2021
# of Samples:	7	Priority:	5 Day Turnaround
Year of Building Construction (Mandatory, Years ONLY):	1975		
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):	Pinchin		
HMIS2 Building Reference #:			
To be Completed by Lab Personnel Only:			
Lab Reference #:	b245922	Time:	24 hour clock
Received by:	FEB 19 2021	Date:	Month Day Year
Name(s) of Analyst(s):			

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0010	A	Paint / Corridor, Location 108, block wall CH 0.5-5%
S	0010	B	Paint / Science, Location 109, block wall CH 0.5-5% - na
S	0010	C	Paint / Library, Location 130, block wall CH 0.5-5%
S	0010	D	Paint / Storage, Location 113, block wall NID
S	0010	E	Paint / Boy's Washroom, Location 133, block wall NID
S	0010	F	Paint / Storage, Location 113, plaster wall NID
S	0010	G	Paint / Home Econ, Location 132, block wall CH 20.5%

APPENDIX II
Location List

Client: Hamilton-Wentworth Catholic District Sch
Building Name: St. James the Apostle
Surveyor: Leslie Cantar
Reassessment Surveyor: Matt Pitman

Site: 29 John Murray St., Stoney Creek, ON
Survey Date: 2018-07-12
Last Re-Assessment: 2021-05-05

Location No.	Name or Description	ft ²	Floor No.	Notes
1	Presumed ACM	0		
100	Principals Office	0	1	
101	Washroom	0	1	
102	Washroom	0	1	
103	Staff Room	0	1	
104	Draft	0	1	
105	Ind. Arts Paint	0	1	
106	Ind. Arts	0	1	
107	Corridor	0	1	
108	Corridor	0	1	
109	Science 12	0	1	
110	Girls Washroom	0	1	
111	Stage	0	1	
112	Gymnasium	0	1	
113	Girls Changeroom	0	1	
114	Gym Storage	0	1	
115	Boys Changeroom	0	1	
116	Corridor	0	1	
117	Custodian	0	1	
118	Main Office	0	1	
119	Washroom	0	1	
120	Office	0	1	
121	Electrical Room	0	1	
122	Kindergarten 1	0	1	
123	Classroom 2	0	1	
124	Storage	0	1	
125	Corridor	0	1	
126	Classroom 3	0	1	
127	Classroom 4	0	1	
128	Classroom 5	0	1	
129	Classroom 6-8	0	1	
130	Classroom 13/14 and Library	0	1	
131	Classroom 9-11	0	1	
132	Home Econ. 15	0	1	
133	Boys Washroom	0	1	

APPENDIX III
Summary Report

Client: Hamilton-
Wentworth Catholic
District Sch

Site: 29 John Murray St., Stoney Creek, ON

Building Name: St. James the Apostle

Surveyor: Leslie Cantar

Survey Date: 2018-07-12

HAZMAT	Sample No	System/Material/Sample Description	Locations	LF	SF	EA	%	Type	Positive
Asbestos	S0001	CEILING CEILING TILES (LAY-IN) 2X4 TEXTURED PINHOLE - PREVIOUSLY SAMPLED: 38313-100-S01 JUL. 11/13.	100,103,104,105,106,109,111,122,123,125,126,127 128,129,130,131,132	0	0	0	100	None Detected	No
Asbestos	S0002	CEILING CEILING TILES (LAY-IN) 2X4 SHORT FISSURE RANDOM PINHOLE - PREVIOUSLY SAMPLED: 38313-100-S02 JUL. 11/13.	107,108,116,118	0	0	0	100	None Detected	No
Asbestos	V0003	FLOOR VINYL FLOOR TILE 12X12 YELLOW WITH WHITE STREAKS - PREVIOUSLY SAMPLED: 38313-100-S03 JUL. 11/13.	105,118,119,120	0	0	0	100	Chrysotile	Yes
Asbestos	V0004	FLOOR VINYL FLOOR TILE AND MASTIC 12"X 12" BLUE WITH WHITE STREAKS- PREVIOUSLY SAMPLED: 38313-102-S04 JUL. 17/15.	103,125,126,128,129,130,131	0	0	0	100	None Detected	No
Asbestos	S0005 ABC	CEILING, WALL DRYWALL AND JOINT COMPOUND	100,125,129,131,133	0	0	0	100	None Detected	No
Asbestos	S0006 ABCDE	CEILING PLASTER	101,102,110,113,115,119	0	0	0	100	None Detected	No
Asbestos	S0007 ABC	OTHER PLASTER TEXTURE PLASTER	107,116	0	0	0	100	Chrysotile	Yes
Asbestos	S0008 ABC	CEILING PLASTER TEXTURE PLASTER	113,115	0	0	0	100	Chrysotile	Yes
Asbestos	S0009 ABC	PIPING PARGING CEMENT	112,117	0	0	12	0	None Detected	No
Asbestos	S0010 ABCDEFG	WALL PAINT	108,109,113,130,132,133	0	0	0	100	Chrysotile	Yes
Asbestos	V9000	FLOOR VINYL FLOOR TILE AND MASTIC	132	0	0	0	100	Confirmed Asbestos	Yes
Asbestos	V9500	FLOOR MASTIC	105,109,118,119,120,123,127,129	0	0	0	100	Presumed Asbestos	Yes
Asbestos	V9500	FLOOR VINYL FLOOR TILE BLUE, 12"X 12" PINK W RED AND WHITE FLECKS., 12"X 12" BEIGE W BROWN AND WHITE STREAKS, 12" X 12" BLACK, 12"X 12" BLACK STRIPE., 12"X 12" PINK DENSE FLECK.	118,127,128,129	0	0	0	50	Presumed Asbestos	Yes
Asbestos	V9500	FLOOR VINYL FLOOR TILE AND MASTIC F - VINYL FLOOR TILE 12"X 12" BROWN W WHITE STREAKS., F - VINYL FLOOR TILE 12"X 12" PINK W RED & WHITE FLECKS., PINK FLECKS, 12" X 12" PINK FLECKS, F - VINYL FLOOR TILE 12"X 12" PINK W RED AND WHITE FLECKS., F - VINYL FLOOR TILE 12"X 12" BEIGE W BROWN STREAKS., VINYL FLOOR TILE 12"X 12" OLIVE W WHITE STREAKS., PINK, 12"X 12" PINK W RED AND WHITE FLECKS.	100,104,112,122,123,126,131	0	0	0	39	Presumed Asbestos	Yes
Asbestos	V9500	OTHER CAULKING	1	0	0	0	8	Presumed Asbestos	Yes
Asbestos	V9500	OTHER CEMENT PRODUCT TRANSITE	1	0	0	0	4	Presumed	Yes

HAZMAT	Sample No	System/Material/Sample Description	Locations	LF	SF	EA	%	Type	Positive
		COMPONENTS ON ELECTRICAL AND SWITCHGEAR EQUIPMENT						Asbestos	
Asbestos	V9500	OTHER MASTIC, GOLD	1,127	0	0	0	10	Presumed Asbestos	Yes
Asbestos	V9500	OTHER ROOFING MATERIAL	1	0	0	0	3	Presumed Asbestos	Yes
Asbestos	V9500	OTHER TEXTILE WOVEN JACKETING AND INSULATION ON OLDER WIRING	1	0	0	0	3	Presumed Asbestos	Yes
Asbestos	V9500	OTHER VINYL SHEET FLOORING BROWN PEBBLES	122	0	0	0	3	Presumed Asbestos	Yes
Asbestos	V9500	PIPING CEMENT PRODUCT	123,124,131	35	0	0	0	Presumed Asbestos	Yes
Asbestos	V9500	WALL VERMICULITE/CONCRETE BLOCK WALLS	1	0	0	0	3	Presumed Asbestos	Yes
Asbestos	V0000	CEILING CEILING TILES (LAY-IN) ACT - CEILING TILE 2 X 4 SHORT FISSURE RANDOM PINHOLE. JUL. 11/13., ACT - CEILING TILE 2' X 4' TEXTURED PINHOLE. JUL. 11/13.	120,124	0	0	0	100	Non Asbestos	No
Asbestos	V0000	FLOOR VINYL FLOOR TILE 12"X 12 BEIGE	109	0	0	0	100	Non Asbestos	No
Asbestos	V0000	OTHER MASONRY	1	0	0	0	0	Non Asbestos	No

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

Units	
SF	Square feet
LF	Linear feet
EA	Each
%	Percentage

APPENDIX IV
All Data Report

Client: Hamilton-Wentworth Catholic District Sch **Site:** Elementary
Location: #1 : Presumed ACM **Floor:**
Survey Date: 2018-07-12

Building Name: St. James the Apostle
Room #:
Last Re-Assessment: 2021-05-05

Area (sqft): 0

ASBESTOS															
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard
Other	Door	Caulking			A	Y		100			%	V9500	Presumed Asbestos		Presumed Asbestos(NF)
Other	Electrical Equipment	Cement Product, transite components on electrical and switchgear equipment			B	Y		100			%	V9500	Presumed Asbestos		Presumed Asbestos(NF)
Other	Electrical Wire	Textile, woven jacketing and insulation on older wiring	Insulation		B	Y		100			%	V9500	Presumed Asbestos		Presumed Asbestos(NF)
Other	Exterior	Masonry			A	Y						V0000	Non-Asbestos		None
Other	Roof	Roofing material			C	Y		100			%	V9500	Presumed Asbestos		Presumed Asbestos(NF)
Other	Sink	Mastic, Gold			A	Y		100			%	V9500	Presumed Asbestos		Presumed Asbestos(NF)
Other	Sink	Mastic, Gold			A	Y		100			%	V9500	Presumed Asbestos		Presumed Asbestos(NF)
Other	Window	Caulking			A	Y		100			%	V9500	Presumed Asbestos		Presumed Asbestos(NF)
Wall	Interior	Vermiculite/concrete block walls			D	N		100			%	V9500	Presumed Asbestos		Presumed Asbestos(F)

Client: Hamilton-Wentworth Catholic District Sch **Site:** Elementary
Location: #104 : Draft **Floor:** 1
Survey Date: 2018-07-12

Building Name: St. James the Apostle
Room #: **Area (sqft):** 0
Last Re-Assessment: 2021-05-05

ASBESTOS															
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard
Ceiling		Ceiling Tiles (lay-in), Textured Pinhole Jul. 11/13. ACT.			C	Y		100				V0001	None Detected		None
Floor		Vinyl Floor Tile and Mastic, Vinyl Floor Tile 12"x 12" Olive w White Streaks.			A	Y		100			%	V9500	Presumed Asbestos		Presumed Asbestos(NF)
Wall		Masonry			A	Y									

Client: Hamilton-Wentworth Catholic District Sch **Site:** Elementary
Location: #105 : Ind. Arts Paint **Floor:** 1
Survey Date: 2018-07-12

Building Name: St. James the Apostle
Room #: **Area (sqft):** 0
Last Re-Assessment: 2021-05-05

ASBESTOS															
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard
Ceiling		Ceiling Tiles (lay-in), 2' x 4' Textured Pinhole			C	Y		100			%	V0001	None Detected		None
Floor		Mastic			D	N		100			%	V9500	Presumed Asbestos		Presumed Asbestos(NF)
Floor		Vinyl Floor Tile, VFT 12"x 12" Yellow with White Streaks.			A	Y		100			%	V0003	Chrysotile	0.5-5%	Confirmed Asbestos(NF)
Wall		Masonry													

Client: Hamilton-Wentworth Catholic District Sch **Site:** Elementary
Location: #106 : Ind. Arts **Floor:** 1
Survey Date: 2018-07-12

Building Name: St. James the Apostle
Room #: **Area (sqft):** 0
Last Re-Assessment: 2021-05-05

ASBESTOS															
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard
Ceiling		Ceiling Tiles (lay-in), ACT - Ceiling Tile 2' x 4' Textured Pinhole. Jul. 11/13.			C	Y		100			%	V0001	None Detected		None
Floor		Wood													
Mechanical Equipment ¹		Fibreglass			A	Y									
Mechanical Equipment ²		Not Insulated													
Wall		Wood													
Wall		Masonry													

- 1 - Pipe above the ceiling.
- 2 - Duct work above ceiling.

Client: Hamilton-Wentworth Catholic District Sch **Site:** Elementary
Location: #107 : Corridor **Floor:** 1
Survey Date: 2018-07-12

Building Name: St. James the Apostle
Room #: **Area (sqft):** 0
Last Re-Assessment: 2021-05-05

ASBESTOS															
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard
Ceiling		Ceiling Tiles (lay-in), ACT - Ceiling Tile 2' x 4' Short Fissure Random Pinhole. Jul. 11/13.			C	Y		100				S0002	None Detected		None
Floor		Ceramic Tiles			A	Y									
Other ¹		Plaster, Texture plaster						100			%	S0007B	Chrysotile	0.5-5%	Confirmed Asbestos(PF)
Wall		Masonry			A	Y									

- 1 - Exterior soffit

Client: Hamilton-Wentworth Catholic District Sch **Site:** Elementary
Location: #108 : Corridor **Floor:** 1
Survey Date: 2018-07-12

Building Name: St. James the Apostle
Room #: **Area (sqft):** 0
Last Re-Assessment: 2021-05-05

ASBESTOS															
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard
Ceiling		Ceiling Tiles (lay-in), ACT - Ceiling Tile 2' x 4' Short Fissure Random Pinhole. Jul. 11/13.			C	Y		100			%	V0002	None Detected		None
Floor		Ceramic Tiles													
Wall		Masonry													
Wall		Paint			A	Y		100			%	S0010A	Chrysotile	0.5-5%	Confirmed Asbestos(NF)

Client: Hamilton-Wentworth Catholic District Sch **Site:** Elementary
Location: #109 : Science 12 **Floor:** 1
Survey Date: 2018-07-12

Building Name: St. James the Apostle
Room #: **Area (sqft):** 0
Last Re-Assessment: 2021-05-05

ASBESTOS															
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard
Ceiling		Ceiling Tiles (lay-in), ACT - Ceiling Tile 2' x 4' Textured Pinhole. Jul. 11/13.			C	Y		100			%	V0001	None Detected		None
Floor		Mastic			B	Y		100				V9500	Presumed Asbestos		Presumed Asbestos(NF)
Floor		Vinyl Floor Tile, 12"x 12 Beige			A	Y		100			%	V0000	Non-Asbestos		None
Wall		Masonry													
Wall		Paint			A	Y		100			%	S0010B	Chrysotile	0.5-5%	Confirmed Asbestos(NF)

Client: Hamilton-Wentworth Catholic District Sch **Site:** Elementary
Location: #112 : Gymnasium **Floor:** 1
Survey Date: 2018-07-12

Building Name: St. James the Apostle
Room #: **Area (sqft):** 0
Last Re-Assessment: 2021-05-05

ASBESTOS															
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard
Duct		Not Insulated													
Floor		Vinyl Floor Tile and Mastic, F - Vinyl Floor Tile 12"x 12" Brown w White Streaks.			A	Y		100			%	V9500	Presumed Asbestos		Presumed Asbestos(NF)
Floor		Vinyl Floor Tile and Mastic, F - Vinyl Floor Tile 12"x 12" Beige w Brown Streaks.			A	Y		100			%	V9500	Presumed Asbestos		Presumed Asbestos(NF)
Piping		Parging Cement			C	Y		6			EA	V0009	None Detected	N.D.	None
Structure	Beam Deck Joist	Steel			C	Y									
Wall		Masonry													

Client: Hamilton-Wentworth Catholic District Sch **Site:** Elementary
Location: #113 : Girls Changeroom **Floor:** 1
Survey Date: 2018-07-12

Building Name: St. James the Apostle
Room #: **Area (sqft):** 0
Last Re-Assessment: 2021-05-05

ASBESTOS															
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard
Ceiling		Plaster			C	Y		100			%	S0006A	None Detected		None
Ceiling ¹		Plaster, Textured Plaster			C	Y		100			%	S0008A	Chrysotile	0.5-5%	Confirmed Asbestos(PF)
Floor		Ceramic Tiles													
Wall		Masonry													
Wall		Paint			A	Y		100			%	S0010DF	Chrysotile	0.5-5%	Confirmed Asbestos(NF)

1 - Textured plaster ceiling over shower area

Client: Hamilton-Wentworth Catholic District Sch **Site:** Elementary
Location: #114 : Gym Storage **Floor:** 1
Survey Date: 2018-07-12

Building Name: St. James the Apostle
Room #: **Area (sqft):** 0
Last Re-Assessment: 2021-05-05

ASBESTOS															
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard
Floor		Concrete (poured)													
Structure		Steel													
Wall		Masonry													

Client: Hamilton-Wentworth Catholic District Sch **Site:** Elementary
Location: #115 : Boys Changeroom **Floor:** 1
Survey Date: 2018-07-12

Building Name: St. James the Apostle
Room #: **Area (sqft):** 0
Last Re-Assessment: 2021-05-05

ASBESTOS															
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard
Ceiling		Plaster			A	Y		100			%	S0006B	None Detected		None
Ceiling ¹		Plaster, Texture Plaster			C	Y		100			%	S0008BC	Chrysotile	0.5-5%	Confirmed Asbestos(PF)
Floor		Ceramic Tiles													
Wall		Masonry													

1 - Texture plaster ceiling

Client: Hamilton-Wentworth Catholic District Sch **Site:** Elementary
Location: #116 : Corridor **Floor:** 1
Survey Date: 2018-07-12

Building Name: St. James the Apostle
Room #: **Area (sqft):** 0
Last Re-Assessment: 2021-05-05

ASBESTOS															
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard
Ceiling		Ceiling Tiles (lay-in), ACT - Ceiling Tile 2' x 4' Short Fissure Random Pinhole. Jul. 11/13.			C	Y		100			%	V0002	None Detected		None
Floor		Ceramic Tiles													
Other ¹		Plaster, Textured plaster			C	Y		100			%	S0007AC	Chrysotile	0.5-5%	Confirmed Asbestos(PF)
Wall		Masonry													

1 - Exterior soffit

Client: Hamilton-Wentworth Catholic District Sch **Site:** Elementary
Location: #117 : Custodian **Floor:** 1
Survey Date: 2018-07-12

Building Name: St. James the Apostle
Room #: **Area (sqft):** 0
Last Re-Assessment: 2021-05-05

ASBESTOS															
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard
Floor		Concrete (poured)													
Piping		Parging Cement			A	Y		6			EA	S0009ABC	None Detected	N.D.	None
Structure ¹	Deck	Steel													
Wall		Masonry													

1 - Open Web Steel Joist Support.

Client: Hamilton-Wentworth Catholic District Sch **Site:** Elementary
Location: #120 : Office **Floor:** 1
Survey Date: 2018-07-12

Building Name: St. James the Apostle
Room #: **Area (sqft):** 0
Last Re-Assessment: 2021-05-05

ASBESTOS															
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard
Ceiling		Ceiling Tiles (lay-in), ACT - Ceiling Tile 2 x 4 Short Fissure Random Pinhole. Jul. 11/13.			C	Y		100			%	V0000	Non-Asbestos		None
Floor		Mastic			D	N		100			%	V9500	Presumed Asbestos		Presumed Asbestos(NF)
Floor		Vinyl Floor Tile, 12"x 12" Yellow w White Streaks			A	Y		100			%	V0003	Chrysotile	0.5-5%	Confirmed Asbestos(NF)
Wall		Masonry													

Client: Hamilton-Wentworth Catholic District Sch **Site:** Elementary
Location: #121 : Electrical Room **Floor:** 1
Survey Date: 2018-07-12

Building Name: St. James the Apostle
Room #: **Area (sqft):** 0
Last Re-Assessment: 2021-05-05

ASBESTOS															
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard
Floor		Concrete (poured)													
Mechanical Equipment		Fibreglass													
Structure	Deck	Steel													
Wall		Masonry													

Client: Hamilton-Wentworth Catholic District Sch **Site:** Elementary
Location: #130 : Classroom 13/14 and Library **Floor:** 1
Survey Date: 2018-07-12

Building Name: St. James the Apostle
Room #:
Last Re-Assessment: 2021-05-05

Area (sqft): 0

ASBESTOS															
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard
Ceiling		Ceiling Tiles (lay-in), ACT - Ceiling Tile 2' x 4' Textured Pinhole. Jul. 11/13.			A	Y		100			%	V0001	None Detected		None
Floor		Vinyl Floor Tile and Mastic, F - Vinyl Floor Tile 12"x 12" Blue w White Streak. 17-Jul-15.			A	Y		100			%	V0004	None Detected	N.D.	None
Floor		Carpet			A	Y									
Floor		Carpet			A	Y									
Wall		Masonry													
Wall		Paint			A	Y		100			%	S0010C	Chrysotile	0.5-5%	Confirmed Asbestos(NF)

Client: Hamilton-Wentworth Catholic District Sch **Site:** Elementary
Location: #131 : Classroom 9-11 **Floor:** 1
Survey Date: 2018-07-12

Building Name: St. James the Apostle
Room #:
Last Re-Assessment: 2021-05-05

Area (sqft): 0

ASBESTOS															
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard
Ceiling		Ceiling Tiles (lay-in), 2' x 4' Textured Pinhole			C	Y		100			%	V0001	None Detected		None
Floor		Vinyl Floor Tile and Mastic, F - Vinyl Floor Tile 12"x 12" Blue w White Streak. 17-Jul-15.			A	Y		100			%	V0004	None Detected	N.D.	None
Floor		Vinyl Floor Tile and Mastic, 12"x 12" Pink w Red and White Flecks.			A	Y		100			%	V9500	Presumed Asbestos		Presumed Asbestos(NF)
Piping ¹	Rain Water Leader	Cement Product			C	N		10			LF	V9500	Presumed Asbestos		Presumed Asbestos(NF)
Wall		Drywall and joint compound			A	Y		100			%	S0005A	None Detected		None
Wall		Masonry			A	Y									

1 - Also in wall cavity, visible at hatch in corridor

Legend:

Sample number		Units		Other	
S####	Asbestos sample collected	SF	Square feet	A	Access
V####	Material visually similar to numbered sample collected	LF	Linear feet	V	Visible
V0000	Known non-asbestos material	EA	Each	AP	Air Plenum
V9000	Visually identified as an asbestos material	%	Percentage	F	Friable material
V9500	Material is presumed to be an asbestos material			NF	Non Friable material
				PF	Potentially Friable material

Access	
A	Accessible to all building occupants
B	Accessible to maintenance and operations staff without a ladder
C	Accessible to maintenance and operations staff with a ladder. Also rarely entered, locked areas
D	Not normally accessible

Condition	
Good	No visible damage or deterioration
Fair	Minor, repairable damage, cracking, delamination or deterioration
Poor	Irreparable damage or deterioration with exposed and missing material

APPENDIX V
Drawing



905-577-6206 www.pinchin.com

LEGEND:

- (X) LOCATION NUMBER

ASBESTOS-CONTAINING MATERIALS:

- T TRANSITE PIPE
- TEXTURE PLASTER
- VINYL SHEET FLOORING
- VINYL FLOOR TILES & MASTIC
- P PIPE INSULATION

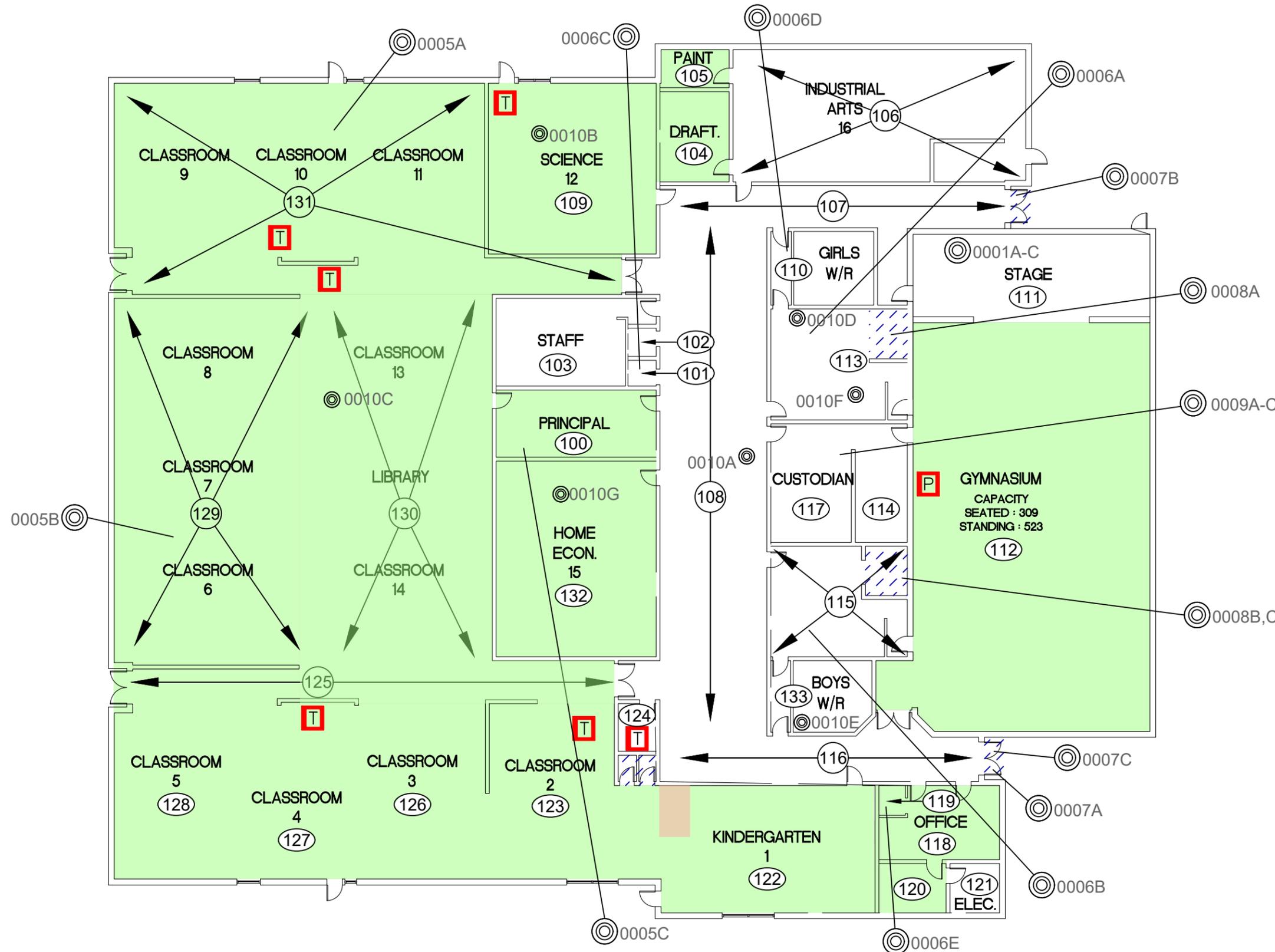
FOR CLARITY, THE FOLLOWING ASBESTOS-CONTAINING MATERIALS, ARE PRESENT IN THE ASSESSED AREA, BUT HAVE NOT BEEN HATCHED ON THE DRAWING:

- PAINT/COMPOUND ON WALLS AND CEILINGS

NOT ALL KNOWN OR SUSPECTED ASBESTOS BUILDING MATERIALS MAY BE DEPICTED ON THE DRAWING. REFER TO THE ASBESTOS ASSESSMENT REPORT FOR A COMPLETE LIST OF KNOWN AND SUSPECTED ASBESTOS BUILDING MATERIALS.

LEGEND IS COLOUR DEPENDENT. NON-COLOUR COPIES MAY ALTER INTERPRETATION.

BASE PLAN PROVIDED BY CLIENT.



CLIENT:

Hamilton-Wentworth
Catholic District School Board
Believing, Achieving, Serving

LOCATION:
ST. JAMES THE APOSTLE
29 JOHN MURRAY STREET
STONE CREEK, ONTARIO

TITLE:
ASBESTOS REASSESSMENT
FLOOR LEVEL 1

DATE: AUGUST 2021	PROJECT #: 286533.001
DRAWN BY: LT	DRAWING: 1 OF 1
CHECKED BY: DMP	
SCALE: NTS	