



St. Kateri Tekakwitha 22 Queensbury Drive, Hamilton, Ontario

Prepared for:

# Hamilton-Wentworth Catholic District School Board

90 Mulberry Street Hamilton, Ontario, L8N 3R9

August 26, 2022

Pinchin File: 303992.004



St. Kateri Tekakwitha, 22 Queensbury Drive, Hamilton, Ontario Hamilton-Wentworth Catholic District School Board

Issued to: Hamilton-Wentworth Catholic District

**School Board** 

Issued on: August 26, 2022
Pinchin File: 303992.004
Issuing Office: Hamilton, ON

Pinchin Contact: Emily Balfour, Project Manager

365.889.5147

ebalfour@pinchin.com



August 26, 2022

Pinchin File: 303992.004

Believing, Achieving, Serving

Author: Luke Thompson ADip.T.(Arch)

Project Technologist

289.922.8960

<u>Ithompson@pinchin.com</u>

Reviewer: Damian Palus, C.E.T.

Operations Manager

289.678.0694

dpalus@pinchin.com

© 2022 Pinchin Ltd. Page i

St. Kateri Tekakwitha, 22 Queensbury Drive, Hamilton, Ontario Hamilton-Wentworth Catholic District School Board

August 26, 2022 Pinchin File: 303992.004

#### **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.

© 2022 Pinchin Ltd. Page ii



St. Kateri Tekakwitha, 22 Queensbury Drive, Hamilton, Ontario Hamilton-Wentworth Catholic District School Board

August 26, 2022 Pinchin File: 303992.004

#### **TABLE OF CONTENTS**

1.0	INTR	ODUCTION AND SCOPE	1
	1.1	Scope of Assessment	1
2.0	BACI	GROUND INFORMATION	1
	2.1 2.2	Building Year of Construction	1 1
3.0	FIND	INGS	2
	3.1 3.2	Excluded Asbestos Materials	
4.0	REC	OMMENDATIONS	5
	4.1 4.2 4.3	General Remedial Work On-going Management and Maintenance	6 6
5.0	TERI	MS AND LIMITATIONS	6
6.0	REF	ERENCES	7

#### **APPENDICES**

APPENDIX I Asbestos Analytical Certificates

APPENDIX II Location List

APPENDIX III Hazardous Materials Summary / Sample Log Report

APPENDIX IV All Data Report

APPENDIX V Drawings

August 26, 2022 Pinchin File: 303992.004

#### 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. Kateri Tekakwitha located at 22 Queensbury Drive, Hamilton, Ontario.

The reassessment was performed by Luke Thompson, Project Technologist on May 11, 2022.

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's), 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	1978

#### 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. Kateri Tekakwitha, 22 Queensbury Drive, Hamilton, Ontario,
   November 2018, Prepared by Pinchin Ltd., Pinchin File: 224334.
- Asbestos Reassessment, St. Kateri Tekakwitha, 22 Queensbury Drive, Hamilton,
   Ontario, August 2019, Prepared by Pinchin Ltd., Pinchin File: 243241.
- Asbestos Reassessment, St. Kateri Tekakwitha, 22 Queensbury Drive, Hamilton,
   Ontario, May 2020, Prepared by Pinchin Ltd., Pinchin File: 272113.

© 2022 Pinchin Ltd. Page 1 of 7

August 26, 2022 Pinchin File: 303992.004

Asbestos Reassessment, St. Kateri Tekakwitha, 22 Queensbury Drive, Hamilton,
 Ontario, June 2021, Prepared by Pinchin Ltd., Pinchin File: 286533.001.

#### 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 Hazardous Materials Summary / Sample Log Report and All Data Report in Appendix III and IV, respectively.

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 Excluded 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. Excluded materials presumed to contain asbestos include:

Material	Friability
Roofing, felts and tar	Non-friable
Concrete floor levelling compound	Non-friable
Elevator and lift brakes	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 and butyl seals	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

© 2022 Pinchin Ltd. Page 2 of 7

St. Kateri Tekakwitha, 22 Queensbury Drive, Hamilton, Ontario Hamilton-Wentworth Catholic District School Board

Material	Friability
Exterior cladding	Non-friable
Fire resistant doors or metal clad finishes	Non-friable
Stucco, plaster or other cementitious parge coatings	Potentially friable
Vibration dampers on HVAC equipment	Non-friable
Vinyl baseboards	Non-friable
Ceramic tile thin-set	Non-friable

August 26, 2022

Pinchin File: 303992.004

### 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 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
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.	None	
Mechanical equipment is either uninsulated or insulated with non-asbestos fibreglass.	None	
All ceiling tiles are presumed to be non-asbestos based on the date of manufacture determined from the date stamp applied to the top of the tiles (2007).	None	

© 2022 Pinchin Ltd. Page 3 of 7



St. Kateri Tekakwitha, 22 Queensbury Drive, Hamilton, Ontario Hamilton-Wentworth Catholic District School Board August 26, 2022 Pinchin File: 303992.004

Material and Application	Asbestos Type/Friability	Photo
Textured plaster is present as a ceiling/soffit finish	Chrysotile/Potentially Friable	
Smooth plaster is present as ceiling finishes	None	
Drywall joint compound is present as a wall and ceiling finish.	None	
Transite pipe is present as rainwater leaders.	Presumed/Non-friable	
Vinyl floor tiles, 12"x12", cream with purple streaks are present.	Presumed/Non- friable (tile) Presumed/Non- friable (mastic)	

© 2022 Pinchin Ltd. Page 4 of 7



St. Kateri Tekakwitha, 22 Queensbury Drive, Hamilton, Ontario Hamilton-Wentworth Catholic District School Board

Asbestos Material and Application Photo Type/Friability Vinyl floor tiles, 12"x12", white Presumed/Nonwith black streaks are present. friable (tile) Presumed/Nonfriable (mastic) Vinyl floor tiles, 12"x12", beige Presumed/Nonare present. friable (tile) Presumed/Nonfriable (mastic) Vinyl floor tiles,12"x12", beige Presumed/Nonwith multi-coloured streaks are friable (tile) present. Presumed/Nonfriable (mastic)

August 26, 2022

Pinchin File: 303992.004

#### 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

© 2022 Pinchin Ltd. Page 5 of 7

August 26, 2022 Pinchin File: 303992.004

components), sampling of other hazardous materials (lead, mercury, PCBs, mould, etc.), and materials not tested in this study (i.e. excluded asbestos materials).

#### 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 asbestoscontaining 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.

© 2022 Pinchin Ltd. Page 6 of 7

St. Kateri Tekakwitha, 22 Queensbury Drive, Hamilton, Ontario Hamilton-Wentworth Catholic District School Board August 26, 2022 Pinchin File: 303992.004

#### 6.0 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.

J:\303000s\0303992.000 HWCDSB,Various2022Projects,ASB,CONS\0303992.004 HWCDSB,AllFacilities,2022,ASB,REASSMT\Deliverables\Elementary\St. Kateri Tekakwitha\Report\303992.004 St Kateri Tekakwitha ACM Reassessment Report HWCDSB Aug 26 2022.docx

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

© 2022 Pinchin Ltd. Page 7 of 7

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

Frank Rossi





Customer: Pinchin Ltd.

6-875 Main St West

Suite 200

Hamilton, Ontario L8S 4P9

**Project:** 

230748,22 Queensbury Drive, Hamilton, Hamilton-Wentworth Catholic School

Board, WO #031468

Attn: Michael Maiorana Lab Order ID: 51829049 **Analysis ID:** 51829049\_PLM

**Date Received:** 11/6/2018 **Date Reported:** 11/9/2018

Sample ID	Description	Ashastas	- Asbestos Fibrous		Attributes
Lab Sample ID	Lab Notes	Asucsius	Components	Components	Treatment
0005A - A	Texture plaster ceiling Vestibule Location 1040	2% Chrysotile		98% Other	White Non Fibrous Homogeneous
51829049PLM_1	textured finish				Crushed
0005A - B	Texture plaster ceiling Vestibule Location 1040	None Detected		100% Other	Gray Non Fibrous Homogeneous
51829049PLM_12	base				Crushed
0005B - A	Texture plaster ceiling Vestibule Location 1040	2% Chrysotile		98% Other	White Non Fibrous Homogeneous
51829049PLM_2	textured finish				Crushed
0005B - B	Texture plaster ceiling Vestibule Location 1040	None Detected		100% Other	Gray Non Fibrous Homogeneous
51829049PLM_13	base				Crushed
0005C - A	Texture plaster ceiling Vestibule Location 1040	2% Chrysotile		98% Other	White Non Fibrous Homogeneous
51829049PLM_3	textured finish				Crushed
0005C - B	Texture plaster ceiling Vestibule Location 1040	None Detected		100% Other	Gray Non Fibrous Homogeneous
51829049PLM_14	base				Crushed
0006A	Drywall joint compound ceiling Location 1026	None Detected		100% Other	White Non Fibrous Homogeneous
51829049PLM_4					Crushed
0006B	Drywall joint compound ceiling Location 1026	None Detected		100% Other	White Non Fibrous Homogeneous
51829049PLM_5	7				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 bestamine. For the Charles of the Live of the Charles of the Charl

Bethany Nichols (19)

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

230748,22 Queensbury Drive, Hamilton, Hamilton-Wentworth Catholic School **Project:** 

Board, WO #031468

Attn: Michael Maiorana Lab Order ID: 51829049 Frank Rossi

**Analysis ID:** 51829049\_PLM

**Date Received:** 11/6/2018 **Date Reported:** 11/9/2018

Sample ID	Description	A alb astas	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asbestos	Components	Components	Treatment
0006C	Drywall joint compound ceiling Location 1026	None Detected		100% Other	White Non Fibrous Homogeneous
51829049PLM_6					Crushed
0007A - A	Smooth plaster ceiling Location 1010	None Detected		100% Other	White Non Fibrous Homogeneous
51829049PLM_7	finish				Crushed
0007A - B	Smooth plaster ceiling Location 1010	None Detected		100% Other	White Non Fibrous Homogeneous
51829049PLM_15	base				Crushed
0007B - A	Smooth plaster ceiling Location 1012	None Detected		100% Other	White Non Fibrous Homogeneous
51829049PLM_8	finish				Crushed
0007B - B	Smooth plaster ceiling Location 1012	None Detected		100% Other	Gray Non Fibrous Homogeneous
51829049PLM_16	base				Crushed
0007C - A	Smooth plaster ceiling Location 1016	None Detected		100% Other	White Non Fibrous Homogeneous
51829049PLM_9	finish				Crushed
0007C - B	Smooth plaster ceiling Location 1016	None Detected		100% Other	Gray Non Fibrous Homogeneous
51829049PLM_17	base				Crushed
0007D - A	Smooth plaster ceiling Location 1025	None Detected		100% Other	White Non Fibrous Homogeneous
51829049PLM_10	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 bestamine. For the Charles of the Live of the Charles of the Charl

Bethany Nichols (19)

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

Frank Rossi





Customer: Pinchin Ltd. Attn: Michael Maiorana

6-875 Main St West

Suite 200

Hamilton, Ontario L8S 4P9

**Project:** 230748,22 Queensbury Drive, Hamilton, Hamilton-Wentworth Catholic School

Board, WO #031468

**Lab Order ID:** 51829049

**Analysis ID:** 51829049\_PLM **Date Received:** 11/6/2018

Date Reported: 11/9/2018

Sample ID  Lab Sample ID	Description  Lab Notes	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
0007D - B	Smooth plaster ceiling Location 1025	None Detected		100% Other	Gray Non Fibrous Homogeneous
51829049PLM_18	base				Crushed
0007E - A	Smooth plaster ceiling Location 1032	None Detected		100% Other	White Non Fibrous Homogeneous
51829049PLM_11	finish				Crushed
0007E - B	Smooth plaster ceiling Location 1032	None Detected		100% Other	Gray Non Fibrous Homogeneous
51829049PLM_19	base				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 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%.

Bethany Nichols (19)

Approved Signatory

51829049

Client: Pinchin Ltd. \*Instructions: Version 1-15-2012 Michael Maiorana Use Column 'B" for your contact info Contact: 875 Main Street W., Unit 11 Address: Hamilton, ON L8S 4R9 905-577-6206 To See an Example Click the Phone: Invoice to: 905-577-6207 bottom Example Tab. Fax: Email: frossi@pinchin.com mmaiorana@pinchin.com Enter samples between "<<" and ">>" 230748,22 Queensbury Drive. Hamilton, Hamilton-Wentworth Catholic School Board, WO #031468 Begin Samples with a "<< "above the first sample Project: Scientific and end with a ">>" below the last sample. Analytical Only Enter your data on the first sheet "Sheet1" Institute Client Notes: P.O. #. 230748 Note: Data 1 and Data 2 are optional 4604 Dundas Dr. Greensboro, NC 27407 Date Submitted: November 5,2018 fields that do not show up on the official Phone: 336.292.3888 report, however they will be included PLM - Stop Positive EXCEPT Do not do stop positive on any Analysis: sample sets in the electronic data returned to you Fax: 336.292.3313 TurnAroundTime: 4days to facilitate your reintegration of the report data. Email: lab@sailab.com

Sample Number Data: (Lab. Use only) 2 2 4 Semple Description ( 2007)

<< 0005A 0005B 0005C 0006A 0006B 0006C 0007A 0007B 0007C 0007D 0007E >>

Texture plaster ceiling Vestibule Location 1040
Texture plaster ceiling Vestibule Location 1040
Texture plaster ceiling Vestibule Location 1040
Drywall joint compound ceiling Location 1026
Drywall joint compound ceiling Location 1026
Drywall joint compound ceiling Location 1026
Smooth plaster ceiling Location 1010
Smooth plaster ceiling Location 1012
Smooth plaster ceiling Location 1016
Smooth plaster ceiling/Location 1025
Smooth plaster ceiling/Location 1032

Accepted A
Rejected D





# Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hamilton-Wentworth Catholic School Board,

22 Queensbury Drive, Hamilton, ON

Project No.: 0230748.000
Prepared For: F. Rossi
Lab Reference No.: b200817

Analyst(s): R. Dacey / K. Cockburn / N. Baringue

Date Received: November 20, 2018 # Samples submitted: 3
Date Analyzed: November 27, 2018 # Phases analyzed: 6

#### **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.

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

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

Pinchin Ltd. is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA-600/M4-82-020: Interim Method for 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,

22 Queensbury Drive, Hamilton, ON

Project No.: 0230748.000
Prepared For: F. Rossi

Lab Reference No.: b200817

Date Analyzed: November 27, 2018

#### **BULK SAMPLE ANALYSIS**

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)			
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER		
0008A Drywall Joint Compound on wall in Gym (Loc 1009) - East Wall	Homogeneous, off-white, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%		
Comments:	Another phase is present bu	it there was insufficient material sub	mitted to analyze.		
0008B Drywall Joint Compound on wall in Gym (Loc 1009) - North Wall	3 Phases: a) Homogeneous, white, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%		
Notifi Wali	b) Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%		
	c) Homogeneous, off-white, caulking material.	None Detected	Non-Fibrous Material > 75%		
Comments:	Phase b) is small in size.				
0008C Drywall Joint Compound on wall in Gym (Loc 1009) - West Wall	2 Phases: a) Homogeneous, off- white, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%		
vvoot vvan	b) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%		
Comments:	Phase b) is small in size. Fo	or more reliable results, a larger sam	nple is required.		

Reviewed by: Reporting Analyst:

Analyzed by:

Reviewed by:

Report Sent by:

Special Instructions:

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

Client Name: Hamilton-Wentworth Catholic School Board		Project Address:	22 Queensbury Drive, Hamilton				
Portfolio/Building No:	WO #031468		Pinchin File:	230748(WO: 031468)			
Submitted by: Michael Maiorana		Email:	mmaiorana@pinchin.com				
CC Results to:	Frank Rossi		CC Email:	frossi@pinchin.com			
Invoice to:	Accounts Payable		Invoice Email:	ap@pinchin.com			
Date Submitted:	November   19   2018		2018	Required by:	November	26	2018
# of Samples:	3			Priority:	5 Day Turnaround		
Year of Building Construction ( <i>Mandatory Field</i> ):			1978				
Do NOT Stop on Positive (Sample Numbers):			Do not do stop positive on any sample sets				
Pinchin Group Compan	y (Mandatory F	ield):		Pinchin			

To be Comp	leted by Lab	Personnel O	nly:	<u> </u>		a i gradina Evapolisa.
Lab Reference		W 10	0.0049	Time:		24 hour clock
Received by		NOV	7 0 2010 Th	Date:	Month	Day Year
Name(s) of A	nalyst(s):	ROK	CANB.	NATIVA		
Sample Prefix	Sample No.	Sample Suffix	1.	ample Descriptio	n/Location (M	andatory)
	0008	А	Drywall joint con	npound on wall in G	ym (Loc 1009)	East wall
	8000	В	Drywall joint con	npound on wall in G ? <i>(で)Ni</i> ン	ym (Loc 1009)	North wall
	0008	С		npound on wall in G	ym (Loc 1009)	West well
				,	W-100.	
	**************************************			<u></u>		4790
1						

APPENDIX II Location List



#### LOCATIONS LIST

Site: 22 Queensbury Dr., Hamilton, ON



Client:Hamilton-Wentworth Catholic District Sch

Building Name: St. Kateri Tekakwitha Survey Date: 2018-07-12

ey Date: 2018-07-12 Last Re-Assessment: 2022-05-12

Survey Date	e: 2018-07-12		La	st Re-Assessmei	nt: 2022-05-12
Location No.	Name or Description	Area ft²	Floor No.	Bldg. Phase	Notes
1	Presumed Asbestos-Containing Materials	0		Α	
1001	Science Room	0	1	Α	
1002	Classroom	0	1	Α	
1003	Classroom	0	1	Α	
1004	Classroom	0	1	Α	
1005	Storage	0	1	Α	
1006	Home Economics	0	1	Α	
1007	Gymnasium Storage	0	1	Α	
1008	Gymnasium	0	1	Α	
1009	Stage	0	1	Α	
1010	Boys Washroom	0	1	Α	
1011	Girls Washroom	0	1	Α	
1012	Mechanical Room Stairwell	0	1	Α	
1013	Mechanical Room	0	1	Α	
1014	Custodian Workroom	0	1	Α	
1015	Office	0	1	Α	
1016	Womens Washroom	0	1	Α	
1017	Mens Washroom	0	1	А	
1018	Special Education	0	1	Α	
1019	Guidance Office	0	1	Α	
1020	Classroom	0	1	А	
1021	Classroom	0	1	Α	
1022	Library	0	1	А	
1023	Open Classrooms	0	1	Α	
1024	Kindergarten	0	1	А	
1025	Kindergarten Washroom	0	1	Α	
1026	Kindergarten Washroom	0	1	А	
1027	Classroom	0	1	A	
1028	Classroom	0	1	А	
1029	Classroom	0	1	A	
1030	Staff/Copy room	0	1	A	
1031	Principals Office	0	1	A	
1032	Corridor	0	1	A	
1033	Handicap Washroom	0	1	A	
1034	Lounge	0	1	A	
1035	Custodian Storage	0	1	A	
1036	Language Arts	0	1	A	
1037	Principals Washroom	0	1	A	
1037	Open Area	0	1	A	
1039	Storage	0	1	A	
1040	Vestibule	0		A	
1040	Vestibule	J		/ \	1

APPENDIX III

Hazardous Materials Summary / Sample Log Report



#### HAZARDOUS MATERIALS SUMMARY / SAMPLE LOG



Survey Date: 2018-07-12

Client:Hamilton-Wentworth Catholic District Sch

Site: 22 Queensbury Dr., Hamilton, ON

Building Name: St. Kateri Tekakwitha

DISTRICT SC	"										
HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Туре	Positive	Friability
Asbestos	S0001	Floor     Vinyl Floor Tile And Mastic   12" X 12" White With Light Fleck - Previous Mte Sample S01a, April 11 2014.	1024	А	0	0	0	100	None Detected	No	
Asbestos	V0002	Floor     Vinyl Floor Tile And Mastic   12" X 12" Beige Marble - Previous Mte Sample S02a, April 11 2014.	1021,1022,1023,1024,1027	А	0	0	0	100	None Detected	No	
Asbestos	S0004	Floor    Vinyl Floor Tile And Mastic	1027	А	0	0	0	100	None Detected	No	
Asbestos	S0005 A	Ceiling     Plaster   Textured Plaster	1040	А	0	0	0	100	Chrysotile	Yes	PF
Asbestos	S0006 A	Ceiling     Drywall And Joint Compound	1026	Α	0	0	0	100	None Detected	No	
Asbestos	S0007 ABCDE	Ceiling     Plaster	1010,1011,1012,1016,1017,1025,1032,1035,1036 1037,1039	Α	0	0	0	100	None Detected	No	
Asbestos	S0008 A	Wall     Drywall And Joint Compound	1009	Α	0	0	0	100	None Detected	No	
Asbestos	V9000	Floor     Vinyl Floor Tile And Mastic   12x12 Cream With Purple Streaks (hwcdsb Sample Agat 19h424899)	1035	А	0	0	0	100	Confirmed Asbestos	Yes	NF
Asbestos	V9500	Floor     Mastic	1036	А	0	0	0	100	Presumed Asbestos	Yes	NF
Asbestos	V9500	Floor     Vinyl Floor Tile And Mastic   12 X 12 Cream W Purple Streaks., 12" X 12" Cream W Purple Streaks, 12" X 12" Cream With Purple Streaks, 12x12 Beige, 12x12 Beige W Multi Streak., 12x12 Beige With Multi Coloured Streaks (2011), 12x12 Beige/light Brown, 12x12 Cream W Purple Streaks., 12x12 Cream With Purple Streaks, 12x12 Cream With Purple Streaks., 12x12 Light Brown., 12x12 White W Black Streaks., 12x12 White W Grey Streaks., 12x12 White With Grey Streaks, 12x12 White With Grey Streaks., 12x12 White With Light Fleck, Cream Purple	1001,1002,1003,1004,1005,1006,1007,1008,1009 1014,1015,1018,1019,1023,1028,1029,1030,1031 1033,1037,1039	Α	0	50	0	100	Presumed Asbestos	Yes	NF
Asbestos	V9500	Floor     Wall Covering   Vinyl Baseboards And Adhesive	1	А	0	0	0	100	Presumed Asbestos	Yes	NF
Asbestos	V9500	Other   Door, Window   Caulking	1	А	0	0	0	100	Presumed Asbestos	Yes	NF
Asbestos	V9500	Other   Electrical Equipment   Cement Product	1	А	0	0	0	100	Presumed Asbestos	Yes	NF
Asbestos	V9500	Other   Sink   Mastic, Gold	1	А	0	0	0	100	Presumed Asbestos	Yes	NF
Asbestos	V9500	Other   Roof   Roofing Material	1	Α	0	0	0	100	Presumed	Yes	NF



#### HAZARDOUS MATERIALS SUMMARY / SAMPLE LOG



HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Туре	Positive	Friability
									Asbestos		
Asbestos	V9500	Other   Electrical Wire   Textile	1	А	0	0	0	100	Presumed Asbestos	Yes	NF
Asbestos	V9500	Piping   Rain Water Leader   Cement Product	1008,1009,1032	А	85	0	0	0	Presumed Asbestos	Yes	NF
Asbestos	V9500	Wall     Vermiculite/concrete Block Walls	1	А	0	0	0	100	Presumed Asbestos	Yes	F
Asbestos	V0000	Ceiling     Ceiling Tiles (lay-in)   2' X 4' Small And Irregular Pinhole (2007)	1001,1002,1003,1004,1005,1006,1015,1021,1032	А	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Ceiling     Ceiling Tiles (lay-in)   2007	1011	А	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Ceiling     Ceiling Tiles (lay-in)   2x4 Small And Irregular Pinhole (2007)	1019,1020,1022,1023,1024,1027,1028,1029,1033 1034,1038	Α	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Ceiling     Ceiling Tiles (lay-in)   2x4 Small And Irregular Pinhole.	1030,1031	А	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Duct     Fibreglass	1001,1002,1003,1004,1005,1006,1015,1019,1020 1021,1022,1023,1024,1027,1028,1029,1030,1031 1033,1034,1038	А	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Floor     Carpet	1018	Α	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Floor     Ceramic Tiles	1035	Α	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Floor     Concrete (poured)	1012	Α	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Floor     Concrete (poured)   Concrete Unfinished.	1013	А	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Floor    Terrazzo	1010,1016,1017,1032,1038	Α	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Floor     Terrazzo   Terrazzo Floor.	1011	Α	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Floor     Vinyl Floor Tile (no Mastic)   12x12 Pink Marble (2011)	1036	Α	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Floor     Vinyl Floor Tile And Mastic   12x12 Beige With Multi Coloured Streaks (2011)	1034	Α	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Floor     Vinyl Floor Tile And Mastic   12x12 Pink Marble (2011)	1020	Α	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Floor     Wood	1009	А	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Piping     Fibreglass	1001,1002,1003,1004,1005,1006,1007,1008,1009 1013,1014,1015,1018,1019,1020,1021,1022,1023 1024,1027,1028,1029,1030,1031,1033,1034,1038	А	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Structure   Deck   Steel	1007,1008,1009,1012,1013,1014,1018	Α	0	0	0	100	Non Asbestos	No	



#### HAZARDOUS MATERIALS SUMMARY / SAMPLE LOG



HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Туре	Positive	Friability
Asbestos	V0000	Wall     Ceramic Tiles	1035	А	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Wall     Masonry	1001,1002,1003,1004,1005,1006,1007,1008,1009 1010,1011,1012,1013,1014,1015,1016,1017,1018 1019,1020,1021,1022,1023,1024,1025,1026,1027 1028,1029,1030,1031,1032,1033,1034,1035,1036 1037,1038	А	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Wall     Steel	1012,1013	А	0	0	0	100	Non Asbestos	No	







### Legend:

Sample nu	ımber
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	Square feet
LF	Linear feet
EA	Each
%	Percentage

NF	Non Friable material.
F	Friable material
PF	Potentially Friable material

APPENDIX IV
All Data Report





Client: Hamilton-Wentworth Catholic District Sch

Site: Elementary

Floor:

Building Name: St. Kateri Tekakwitha

**Location: #1 : Presumed Asbestos-Containing Materials** 

Room #:

Area (sqft): 0

Survey Date: 2018-07-12

Last Re-Assessment: 2022-05-12

	ASBESTOS															
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor		Wall covering, vinyl baseboards and adhesive			А	Υ		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Other	Door	Caulking			Α	Υ		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Other	Electrical Equipment	Cement Product			D	N		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Other	Electrical Wire	Textile			D	N		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Other	Roof	Roofing material			С	Υ		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Other	Sink	Mastic, Gold			Α	Υ		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Other	Window	Caulking			А	Υ		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Wall		Vermiculite/concrete block walls			D	N		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	F





Site: Elementary Client: Hamilton-Wentworth Catholic District Sch

Building Name: St. Kateri Tekakwitha Location: #1001 : Science Room Floor: 1 Room #:

Area (sqft): 0 Survey Date: 2018-07-12 Last Re-Assessment: 2022-05-12

Curvey Butch 2010 of 12																
	ASBESTOS															
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2' x 4' small and irregular pinhole (2007)			С	Υ		100			%	V0000	Non-Asbestos		None	
Duct		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Floor		Vinyl Floor Tile and Mastic, 12" x 12" Cream with purple streaks			Α	Υ		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Other	Sink	Mastic, Gold			Α	N		2			EA					
Piping		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Wall		Masonry			Α	Υ		100			%	V0000	Non-Asbestos		None	





Client: Hamilton-Wentworth Catholic District Sch Location: #1002 : Classroom Site: Elementary Floor: 1

Building Name: St. Kateri Tekakwitha

Room #:

Area (sqft): 0

Survey Date: 2018-07-12

Last Re-Assessment: 2022-05-12

		-						_0.00.10	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	======						
	ASBESTOS															
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2' x 4' small and irregular pinhole (2007)			С	Υ		100			%	V0000	Non-Asbestos		None	
Duct		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Floor		Vinyl Floor Tile and Mastic, 12x12 white w black streaks.			Α	Υ		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Other	Sink	Mastic, Gold			Α	N		1			EA					
Piping		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Wall		Masonry			A	Υ		100			%	V0000	Non-Asbestos		None	



Building Name: St. Kateri Tekakwitha



Site: Elementary Client: Hamilton-Wentworth Catholic District Sch

Location: #1003 : Classroom Floor: 1 Room #: Area (sqft): 0

Survey Date: 2018-07-12 Last Re-Assessment: 2022-05-12

۱rnn	(saft)	۸. ۸	

	ASBESTOS															
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2' x 4' small and irregular pinhole (2007)			С	Υ		100			%	V0000	Non-Asbestos		None	
Duct		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Floor		Vinyl Floor Tile and Mastic, 12x12 white w black streaks.			Α	Υ		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Other	Sink	Mastic, Gold						1			EA					
Piping		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Wall		Masonry			Α	Υ		100			%	V0000	Non-Asbestos		None	





None

Client: Hamilton-Wentworth Catholic District Sch

Location: #1004 : Classroom

Survey Date: 2018-07-12

Location: #1005 : Storage

Survey Date: 2018-07-12

Wall

Site: Elementary

Floor: 1

Building Name: St. Kateri Tekakwitha

Room #:

Last Re-Assessment: 2022-05-12

Area (sqft): 0

	ASBESTOS															
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2' x 4' small and irregular pinhole (2007)			С	Υ		100			%	V0000	Non-Asbestos		None	
Duct		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Floor		Vinyl Floor Tile and Mastic, 12x12 cream w purple streaks.			Α	Y		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Piping		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	

Α

Client: Hamilton-Wentworth Catholic District Sch

Masonry

Site: Elementary

Floor: 1

Building Name: St. Kateri Tekakwitha

Room #:

100

Last Re-Assessment: 2022-05-12

Area (sqft): 0

Non-Asbestos

V0000

**ASBESTOS** System Component Material Item Covering Α\* ٧\* AP\* Good Fair Poor Unit Sample Asbestos Type Amount Hazard Friable Ceiling Tiles (lay-in), 2' x 4' small and С Υ Ceiling 100 % V0000 Non-Asbestos None irregular pinhole (2007) Fibreglass С Ν 100 % V0000 Non-Asbestos Duct None Vinyl Floor Tile and Mastic, 12x12 cream Presumed Floor Α 100(7) % V9500 Presumed Asbestos w purple streaks. Asbestos Piping Fibreglass С Ν 100 % V0000 Non-Asbestos None Α Υ 100 % V0000 Wall Masonry Non-Asbestos None





Client: Hamilton-Wentworth Catholic District Sch Site: Location: #1006 : Home Economics Floo

Site: Elementary Floor: 1

Building Name: St. Kateri Tekakwitha

Room #:

Area (sqft): 0

Survey Date: 2018-07-12

Last Re-Assessment: 2022-05-12

		=-						_0.00.10	71000001110	======						
	ASBESTOS  Output  Outp															
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2' x 4' small and irregular pinhole (2007)			С	Υ		100			%	V0000	Non-Asbestos		None	
Duct		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Floor		Vinyl Floor Tile and Mastic, 12x12 cream with purple streaks.			А	Υ		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Other	Sink	Mastic, Gold			Α	N		4			EA					
Piping		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Wall		Masonry			A	Υ		100			%	V0000	Non-Asbestos		None	





Client: Hamilton-Wentworth Catholic District Sch

Location: #1007 : Gymnasium Storage Survey Date: 2018-07-12 Site: Elementary

Floor: 1

Building Name: St. Kateri Tekakwitha

Room #:

Room #: Last Re-Assessment: 2022-05-12 Area (sqft): 0

	ACCECTOC															
	ASBESTOS															
System	Component	Material	Item	Covering	Α*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor		Vinyl Floor Tile and Mastic, 12x12 beige/light brown			Α	Υ		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Piping		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Structure	Deck	Steel			С	Υ		100			%	V0000	Non-Asbestos		None	
Wall		Masonry			Α	Υ		100			%	V0000	Non-Asbestos		None	

Client: Hamilton-Wentworth Catholic District Sch

Site: Elementary

Building Name: St. Kateri Tekakwitha

Room #:

Area (sqft): 0

Location: #1008 : Gymnasium

- - -

Floor: 1

Survey Date: 2018-07-12 Last Re-Assessment: 2022-05-12

							AS	BESTOS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor		Vinyl Floor Tile and Mastic, 12x12 light brown.			Α	Υ		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Floor		Vinyl Floor Tile and Mastic, 12" x 12" Cream w purple streaks			Α	Υ		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Piping		Cement Product			С	Υ		30(7)			LF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Piping		Fibreglass			С	Υ		100			%	V0000	Non-Asbestos		None	
Structure	Deck	Steel			С	Υ		100			%	V0000	Non-Asbestos		None	
Wall		Masonry			Α	Υ		100			%	V0000	Non-Asbestos		None	





Client: Hamilton-Wentworth Catholic District Sch
Location: #1009 : Stage

Site:
Floor

Site: Elementary Floor: 1

Building Name: St. Kateri Tekakwitha

Room #:

Area (sqft): 0

Survey Date: 2018-07-12

Last Re-Assessment: 2022-05-12

Survey Da	10. 2010-07-12							Lustine	-4336331116	JIII. 2022-0	J-12					
							AS	BESTOS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor		Wood			Α	Υ		100			%	V0000	Non-Asbestos		None	
Floor		Vinyl Floor Tile and Mastic, 12x12 beige			А	Υ		50(7)			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Piping		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Piping <sup>1</sup>	Rain Water Leader	Cement Product			В	Υ		40(7)			LF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Structure	Deck	Steel			С	Υ		100			%	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			С	Υ		100			%	S0008A	None Detected		None	
Wall		Masonry			Α	Υ		100			%	V0000	Non-Asbestos		None	

<sup>1 -</sup> In wall hatch and presumed covered with fibreglass at elevated heights





Client: Hamilton-Wentworth Catholic District Sch

Site: Elementary Floor: 1

Building Name: St. Kateri Tekakwitha

Location: #1010 : Boys Washroom

. Room #:

Area (sqft): 0

Survey Date: 2018-07-12

Last Re-Assessment: 2022-05-12

							AS	BESTOS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster			С	Υ		100			%	S0007A	None Detected		None	
Floor		Terrazzo			Α	Υ		100			%	V0000	Non-Asbestos		None	
Wall		Masonry			Α	Υ		100			%	V0000	Non-Asbestos		None	

Client: Hamilton-Wentworth Catholic District Sch

Site: Elementary

Building Name: St. Kateri Tekakwitha

Location: #1011 : Girls Washroom

Floor: 1 Room #:

Area (sqft): 0

Survey Date: 2018-07-12

Last Re-Assessment: 2022-05-12

	ASBESTOS															
System																
Ceiling		Ceiling Tiles (lay-in), 2007			С	Υ		100			%	V0000	Non-Asbestos		None	
Ceiling		Plaster, plaster ceiling			С	Υ		100			%	V0007	None Detected		None	
Floor		Terrazzo, Terrazzo floor.			Α	Υ		100			%	V0000	Non-Asbestos		None	
Piping		Not Insulated			С	Υ										
Wall		Masonry			Α	Υ		100			%	V0000	Non-Asbestos		None	





Client: Hamilton-Wentworth Catholic District Sch

Site: Elementary

Building Name: St. Kateri Tekakwitha

Location: #1012 : Mechanical Room Stairwell Floor: 1

Room #:

Area (sqft): 0

Survey Date: 2018-07-12

Last Re-Assessment: 2022-05-12

							AS	BESTOS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Ceiling         Plaster, Vestibule and bottom landing.         C         Y         100         %         S0007B         None Detected         None															
Floor	Floor Concrete (poured) B Y 100 % V0000 Non-Asbestos															
Structure	Deck	Steel			С	Υ		100			%	V0000	Non-Asbestos		None	
Wall		Steel		Paint	В	Υ		100			%	V0000	Non-Asbestos		None	
Wall		Masonry			В	Υ		100			%	V0000	Non-Asbestos		None	

**Client: Hamilton-Wentworth Catholic District Sch** 

Site: Elementary

Floor: 1

Building Name: St. Kateri Tekakwitha

Location: #1013 : Mechanical Room

Room #:

Area (sqft): 0

Survey Date: 2018-07-12

							AS	BESTOS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Duct		Fibreglass			В	Υ										
Floor																
Piping	oing Fibreglass B Y 100 % V0000 Non-Asbestos None															
Piping	Rain Water Leader	Metal		Not Insulated	В	Υ										
Structure	Deck	Steel			С	Υ		100			%	V0000	Non-Asbestos		None	
Wall		Steel		Paint	В	Υ		100			%	V0000	Non-Asbestos		None	
Wall		Masonry			В	Υ		100			%	V0000	Non-Asbestos		None	





Client: Hamilton-Wentworth Catholic District Sch Location: #1014 : Custodian Workroom Site: Elementary Floor: 1

Building Name: St. Kateri Tekakwitha

Room #:

Area (sqft): 0

Survey Date: 2018-07-12

RO

Last Re-Assessment: 2022-05-12

							AS	BESTOS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor	Floor Vinyl Floor Tile and Mastic, 12x12 cream w purple streaks.  A Y 100(7) % V9500 Presumed Asbestos Presumed Asbestos NF															
Piping		Fibreglass			Α	Υ		100			%	V0000	Non-Asbestos		None	
Structure	Deck	Steel			С	Υ		100			%	V0000	Non-Asbestos		None	
Wall		Masonry			Α	Υ		100			%	V0000	Non-Asbestos		None	

Client: Hamilton-Wentworth Catholic District Sch

Site: Elementary

Building Name: St. Kateri Tekakwitha

Floor: 1

Room #: Area (sqft): 0

Location: #1015 : Office Survey Date: 2018-07-12

							AS	BESTOS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	inegular plintole (2007)															
Duct		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Floor		Vinyl Floor Tile and Mastic, 12x12 beige w multi streak.			Α	Υ		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Piping		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Wall		Masonry			Α	Υ		100			%	V0000	Non-Asbestos		None	





Client: Hamilton-Wentworth Catholic District Sch

Location: #1016 : Womens Washroom Floor: 1

Site: Elementary

Building Name: St. Kateri Tekakwitha

Room #:

Area (sqft): 0

Survey Date: 2018-07-12

Survey Date: 2018-07-12

1.0011

Last Re-Assessment: 2022-05-12

							AS	BESTOS								
System	Component	Material	Item	Covering	Α*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling																
Floor		Terrazzo			Α	Υ		100			%	V0000	Non-Asbestos		None	
Wall		Masonry			Α	Υ		100			%	V0000	Non-Asbestos		None	

Client: Hamilton-Wentworth Catholic District Sch

Location: #1017 : Mens Washroom

Site: Elementary

Floor: 1

Building Name: St. Kateri Tekakwitha

Room #:

Last Re-Assessment: 2022-05-12

Area (sqft): 0

							AS	BESTOS								
System																
Ceiling		Plaster			С	100			%	V0007	None Detected		None			
Floor		Terrazzo			Α	Υ		100			%	V0000	Non-Asbestos		None	
Wall		Masonry			Α	Υ		100			%	V0000	Non-Asbestos		None	



Survey Date: 2018-07-12

Survey Date: 2018-07-12

## ALL DATA REPORT



Client: Hamilton-Wentworth Catholic District Sch

Location: #1018 : Special Education

Site: Elementary

Floor: 1

Building Name: St. Kateri Tekakwitha

Room #:

Area (sqft): 0

Last Re-Assessment: 2022-05-12

							AS	BESTOS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Eloor	Floor Vinyl Floor Tile and Mastic, 12 x 12 Cream w purple streaks.  A Y 100(7)  Wyston Tile and Mastic, 12 x 12 Asbestos  Presumed Asbestos  Asbestos															NF
Floor Vinyl Floor Tile and Mastic, 12 x 12 Cream w purple streaks.  A Y 100(7) % V9500 Presumed Asbestos Presumed Asbestos Asbestos															Asbestos	INF
Floor		Carpet			Α	Υ		100			%	V0000	Non-Asbestos		None	
Piping		Fibreglass			С	Υ		100			%	V0000	Non-Asbestos		None	
Structure	Deck	Steel			С	Υ		100			%	V0000	Non-Asbestos		None	
Wall		Masonry			Α	Υ		100			%	V0000	Non-Asbestos		None	

Client: Hamilton-Wentworth Catholic District Sch

Location: #1019 : Guidance Office

Site: Elementary

Floor: 1

Building Name: St. Kateri Tekakwitha

Room #:

Last Re-Assessment: 2022-05-12

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), 2x4 small and irregular pinhole (2007)			С	Υ		100			%	V0000	Non-Asbestos		None	
Duct		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Floor		Vinyl Floor Tile and Mastic, 12x12 white with light fleck, cream purple			Α	Y		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Floor		Carpet			Α	Υ					%					
Piping		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Wall		Masonry			Α	Υ		100			%	V0000	Non-Asbestos		None	



Survey Date: 2018-07-12

Location: #1021 : Classroom

Survey Date: 2018-07-12

## ALL DATA REPORT



Client: Hamilton-Wentworth Catholic District Sch

Location: #1020 : Classroom

Site: Elementary

Floor: 1

Building Name: St. Kateri Tekakwitha

Room #:

Last Re-Assessment: 2022-05-12

Area (sqft): 0

<b>,</b>																
							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), 2x4 small and irregular pinhole (2007)			С	Υ		100			%	V0000	Non-Asbestos		None	
Duct		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Floor		Vinyl Floor Tile and Mastic, 12x12 pink marble (2011)			Α	Υ		100			%	V0000	Non-Asbestos		None	
Piping		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Wall		Masonry			Α	Υ		100			%	V0000	Non-Asbestos		None	

Client: Hamilton-Wentworth Catholic District Sch

Site: Elementary

Floor: 1

Building Name: St. Kateri Tekakwitha

Room #:

Last Re-Assessment: 2022-05-12

Area (sqft): 0

**ASBESTOS** System Component Material Item Covering Α\* ٧\* AP\* Good Fair Poor Unit Sample Asbestos Type Amount Hazard Friable Ceiling Tiles (lay-in), 2' x 4' small and С Υ Ceiling 100 % V0000 Non-Asbestos None irregular pinhole (2007) Fibreglass С Ν 100 % V0000 Non-Asbestos Duct None Vinyl Floor Tile and Mastic, 12" x 12" Υ Floor Α 100 % V0002 None Detected None beige marble Piping Fibreglass С Ν 100 % V0000 Non-Asbestos None Masonry Α Υ 100 % V0000 Wall Non-Asbestos None





Site: Elementary Client: Hamilton-Wentworth Catholic District Sch

Location: #1022 : Library Floor: 1

Building Name: St. Kateri Tekakwitha Room #:

Area (sqft): 0

Survey Da	ite: 2018-07-12	2						Last Re	-Assessme	ent: 2022-0	5-12		` ` ,			
							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), 2x4 small and irregular pinhole (2007)			С	Υ		100			%	V0000	Non-Asbestos		None	
Duct		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Floor		Vinyl Floor Tile and Mastic, 12" x 12" beige marble.			Α	Υ		100			%	V0002	None Detected		None	
Piping		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Wall		Masonry			Α	Υ		100			%	V0000	Non-Asbestos		None	

Client: Hamilton-Wentworth Catholic District Sch

Site: Elementary

Building Name: St. Kateri Tekakwitha

Location: #1023 : Open Classrooms Floor: 1 Room #:

Area (sqft): 0

Survey Date: 2018-07-12

							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), 2x4 small and irregular pinhole (2007)			С	Υ		100			%	V0000	Non-Asbestos		None	
Duct		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Floor		Vinyl Floor Tile and Mastic, 12x12 cream w purple streaks.			Α	Υ		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Floor		Vinyl Floor Tile and Mastic, 12x12 white w grey streaks.			Α	Υ		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Floor		Vinyl Floor Tile and Mastic, 12x12 beige marble.			Α	Υ		100			%	V0002	None Detected		None	
Piping		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Wall		Masonry			Α	Υ		100			%	V0000	Non-Asbestos		None	





Client: Hamilton-Wentworth Catholic District Sch

Location: #1024 : Kindergarten

Site: Elementary

Floor: 1

Building Name: St. Kateri Tekakwitha

Room #:

Last Re-Assessment: 2022-05-12

Area (sqft): 0

Survey Da	ate: 2018-07-1	2						Last Re	-Assessme	ent: 2022-0	5-12		` ` ,			
							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), 2x4 small and irregular pinhole (2007)			С	Υ		100			%	V0000	Non-Asbestos		None	
Duct		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Floor		Vinyl Floor Tile and Mastic, 12x12 white w light fleck.				Υ		100			%	S0001	None Detected	N.D.	None	
Floor		Vinyl Floor Tile and Mastic, 12x12 beige marble.			Α	Υ		100			%	V0002	None Detected		None	
Piping		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Wall		Masonry			Α	Υ		100			%	V0000	Non-Asbestos		None	

Client: Hamilton-Wentworth Catholic District Sch

Location: #1025 : Kindergarten Washroom

Site: Elementary

Floor: 1

Building Name: St. Kateri Tekakwitha

Room #:

Area (sqft): 0

Survey Da	ite: 2018-07-12	2						Last Re	-Assessme	ent: 2022-0	5-12					
							AS	BESTOS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster			С	Υ		100			%	S0007D	None Detected		None	
Floor		Ceramic Tiles			Α	Υ					%					
Wall		Masonry			Α	Υ		100			%	V0000	Non-Asbestos		None	





Client: Hamilton-Wentworth Catholic District Sch

Site: Elementary

Building Name: St. Kateri Tekakwitha

Location: #1026 : Kindergarten Washroom

Floor: 1

Room #:

Area (sqft): 0

Survey Date: 2018-07-12

Last Re-Assessment: 2022-05-12

							AS	BESTOS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Drywall and joint compound			С	Υ		100			%	S0006A	None Detected		None	
Floor		Ceramic Tiles			Α	Υ					%					
Wall		Masonry			Α	Υ		100			%	V0000	Non-Asbestos		None	

Client: Hamilton-Wentworth Catholic District Sch

Site: Elementary

Floor: 1

Building Name: St. Kateri Tekakwitha

Location: #1027 : Classroom

Room #:

Area (sqft): 0

Survey Date: 2018-07-12

							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), 2x4 small and irregular pinhole (2007)			С	Υ		100			%	V0000	Non-Asbestos		None	
Duct		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Floor		Vinyl Floor Tile and Mastic, 12x12 grey with brown marbling.			Α	Y		100			%	S0004	None Detected		None	
Floor		Vinyl Floor Tile and Mastic, 12x12 beige marble.			Α	Y		100			%	V0002	None Detected		None	
Piping		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Wall		Masonry			Α	Υ		100			%	V0000	Non-Asbestos		None	





Client: Hamilton-Wentworth Catholic District Sch Location: #1028 : Classroom

istrict Sch Site: Elementary Floor: 1 Building Name: St. Kateri Tekakwitha

Room #:

Area (sqft): 0

Survey Date: 2018-07-12

							ASI	BESTOS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2x4 small and irregular pinhole (2007)			С	Y		100			%	V0000	Non-Asbestos		None	
Duct		Fibreglass			Α	Υ		100			%	V0000	Non-Asbestos		None	
Floor		Vinyl Floor Tile and Mastic, 12x12 white with grey streaks.			Α	Υ		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Floor		Vinyl Floor Tile and Mastic, Brown with dark brown and white streaks			Α	Υ		100			%					
Piping		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Wall		Masonry			Α	Υ		100			%	V0000	Non-Asbestos		None	





Client: Hamilton-Wentworth Catholic District Sch Location: #1029 : Classroom

Site: Elementary Floor: 1

Building Name: St. Kateri Tekakwitha

Room #:

Area (sqft): 0

Survey Date: 2018-07-12

							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), 2x4 small and irregular pinhole (2007)			С	Y		100			%	V0000	Non-Asbestos		None	
Duct		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Floor		Vinyl Floor Tile and Mastic, 12x12 white with grey streaks			Α	Υ		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Floor		Vinyl Floor Tile and Mastic, grey with dark grey and white streaks			Α	Y		100			%					
Other	Sink	Mastic, Gold						1			EA					
Piping		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Wall		Masonry			A	Υ		100			%	V0000	Non-Asbestos		None	





Client: Hamilton-Wentworth Catholic District Sch

Location: #1030 : Staff/Copy room

Site: Elementary

Building Name: St. Kateri Tekakwitha

Room #:

Area (sqft): 0

Survey Date: 2018-07-12

Floor: 1

Last Re-Assessment: 2022-05-12

		_						_0.01.10	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	=======						
							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), 2x4 small and irregular pinhole.			Α	Υ		100			%	V0000	Non-Asbestos		None	
Duct		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Floor		Vinyl Floor Tile and Mastic, 12x12 cream with purple streaks			А	Υ		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Piping		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Wall		Masonry			Α	Υ		100			%	V0000	Non-Asbestos		None	

Client: Hamilton-Wentworth Catholic District Sch

Site: Elementary

Building Name: St. Kateri Tekakwitha

Location: #1031 : Principals Office Floor: 1 Room #:

Area (sqft): 0

Survey Date: 2018-07-12

							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), 2x4 small and irregular pinhole.			Α	Υ		100			%	V0000	Non-Asbestos		None	
Duct		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Floor		Vinyl Floor Tile and Mastic, 12x12 cream with purple streaks			Α	Y		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Piping		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Wall		Masonry			Α	Υ		100			%	V0000	Non-Asbestos		None	





Client: Hamilton-Wentworth Catholic District Sch

Location: #1032 : Corridor

Site: Elementary

Building Name: St. Kateri Tekakwitha

Room #:

Area (sqft): 0

Survey Date: 2018-07-12

Floor: 1

Last Re-Assessment: 2022-05-12

•																
							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), 2' x 4' small and irregular pinhole (2007)			С	Y		100			%	V0000	Non-Asbestos		None	
Ceiling <sup>1</sup>		Plaster			С	Υ		100			%	S0007E	None Detected		None	
Floor		Terrazzo			Α	Υ		100			%	V0000	Non-Asbestos		None	
Piping <sup>2</sup>		Cement Product			В	N		15(7)			LF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Wall		Masonrv			Α	Υ		100			%	V0000	Non-Asbestos		None	

1 - Vestibules

2 - Visible behind wall hatch.

Client: Hamilton-Wentworth Catholic District Sch

Location: #1033 : Handicap Washroom

Survey Date: 2018-07-12

Site: Elementary

Floor: 1

Building Name: St. Kateri Tekakwitha

Room #:

Last Re-Assessment: 2022-05-12

Area (sqft): 0

**ASBESTOS** System Component Material Item Covering Α\* ٧\* AP\* Good Fair Poor Unit Sample Asbestos Type Amount Hazard Friable Ceiling Tiles (lay-in), 2x4 small and С Υ Ceiling 100 % V0000 Non-Asbestos None irregular pinhole (2007) Duct **Fibreglass** С Ν 100 % V0000 Non-Asbestos None Vinyl Floor Tile and Mastic, 12x12 beige Presumed V9500 NF Floor Α 100(7) Presumed Asbestos with multi coloured streaks (2011) Asbestos С V0000 Fibreglass Ν 100 % Non-Asbestos Piping None 100 V0000 Masonry Υ % Non-Asbestos None Wall Α





Client: Hamilton-Wentworth Catholic District Sch

Location: #1034 : Lounge Survey Date: 2018-07-12

Site: Elementary

Building Name: St. Kateri Tekakwitha Floor: 1

Room #:

Last Re-Assessment: 2022-05-12

Area (sqft): 0

Survey Do	iie. 2010-07-12	<b>4</b>						Last No	-4336331116	III. 2022-0	J-12					
							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), 2x4 small and irregular pinhole (2007)			С	Υ		100			%	V0000	Non-Asbestos		None	
Duct		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Floor		Vinyl Floor Tile and Mastic, 12x12 beige with multi coloured streaks (2011)			А	Y		100			%	V0000	Non-Asbestos		None	
Piping		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Wall		Masonry			Α	Υ		100			%	V0000	Non-Asbestos		None	

Client: Hamilton-Wentworth Catholic District Sch

Site: Elementary Floor: 1

Building Name: St. Kateri Tekakwitha

Room #:

Area (sqft): 0

Survey Date: 2018-07-12

Location: #1035 : Custodian Storage

							AS	BESTOS								
System	Component	Material	Item	Covering	A*	٧*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster			Α	Υ		100			%	V0007	None Detected		None	
Floor <sup>1</sup>		Vinyl Floor Tile and Mastic, 12x12 cream with purple streaks (HWCDSB sample AGAT 19H424899)			А	Υ		100(7)			%	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Floor		Ceramic Tiles			Α	Υ		100			%	V0000	Non-Asbestos		None	
Wall		Masonry			Α	Υ		100			%	V0000	Non-Asbestos		None	
Wall		Ceramic Tiles			Α	Υ		100			%	V0000	Non-Asbestos		None	

<sup>1 -</sup> Vinyl floor tiles in this location are confirmed to be asbestos by analysis. Sample taken by the HWCDSB





Client: Hamilton-Wentworth Catholic District Sch

Location: #1036 : Language Arts

Site: Elementary

Floor: 1

Building Name: St. Kateri Tekakwitha

Room #:

Last Re-Assessment: 2022-05-12

Area (sqft): 0

							AS	BESTOS								
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster			С	Υ		100			%	V0007	None Detected		None	
Floor		Mastic			D	N		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Floor		Vinyl Floor Tile (No Mastic), 12x12 pink marble (2011)			A	Y	·	100			%	V0000	Non-Asbestos		None	
Wall		Masonry			Α	Υ		100			%	V0000	Non-Asbestos		None	

**Client: Hamilton-Wentworth Catholic District Sch** Location: #1037 : Principals Washroom

Site: Elementary

Building Name: St. Kateri Tekakwitha

Room #:

Area (sqft): 0

Survey Date: 2018-07-12

Survey Date: 2018-07-12

Floor: 1

Last Re-Assessment: 2022-05-12

**ASBESTOS** Component Material Α\* ٧\* AP\* Good Fair Friable System Item Covering Poor Unit Sample Asbestos Type Amount Hazard Ceiling Plaster С Υ 100 % V0007 None Detected None Vinyl Floor Tile and Mastic, 12x12 cream Presumed Floor Α Υ 100(7) % V9500 Presumed Asbestos NF with purple streaks Asbestos Υ Wall Masonry Α 100 % V0000 Non-Asbestos None





Client: Hamilton-Wentworth Catholic District Sch

Location: #1038 : Open Area

Site: Elementary

Floor: 1

Building Name: St. Kateri Tekakwitha

Room #:

Area (sqft): 0

Last Re-Assessment: 2022-05-12

							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), 2x4 small and irregular pinhole (2007)			С	Y		100			%	V0000	Non-Asbestos		None	
Duct		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Floor		Terrazzo			Α	Υ		100			%	V0000	Non-Asbestos		None	
Piping		Fibreglass			С	N		100			%	V0000	Non-Asbestos		None	
Wall		Masonry			Α	Υ		100			%	V0000	Non-Asbestos		None	

Client: Hamilton-Wentworth Catholic District Sch

Location: #1039 : Storage

Survey Date: 2018-07-12

Site: Elementary

Floor: 1

Building Name: St. Kateri Tekakwitha

Room #:

Last Re-Assessment: 2022-05-12

Area (sqft): 0

Survey Date: 2018-07-12 **ASBESTOS** Asbestos Type Component Material Covering Α\* ٧\* AP\* Good Fair Poor Unit Sample Amount Hazard Friable System Item Plaster С Υ 100 % V0007 None Detected Ceiling None Vinyl Floor Tile and Mastic, 12" x 12" Presumed Floor Α 100(7) % V9500 Presumed Asbestos NF Cream with purple streaks Asbestos Piping Fibreglass С Υ Masonry Wall Α





Client: Hamilton-Wentworth Catholic District Sch Location: #1040 : Vestibule Site: Elementary Floor:

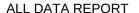
Building Name: St. Kateri Tekakwitha

Room #:

Area (sqft): 0

Survey Date: 2018-07-12

	ASBESTOS															
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster, Textured plaster			С	Υ		100(7)			%	S0005A	Chrysotile	0.5-5%	Confirmed Asbestos	PF
Floor		Terrazzo			Α	Υ										
Wall		Masonry			A	Υ										





Not normally accessible

Management program and surveillance



# Legend:

Legena:									
Sample number						Other			
S####	Asbestos sample collected	SF	Square feet			Α	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					on				
Α	Accessible to all building occupants				No visible damage or deterioration				
В	Accessible to maintenance and operations staff without a ladder				Minor, repairable damage, cracking, delamination or deterioration				
С	Accessible to maintenance and operations staff with a ladder. Also rarely entered, locked areas				Irreparable damage or deterioration with exposed and missing material				

#### Visible

Ν

The material is visible when standing on the floor of the room, without the removal or opening of other building components (e.g. ceiling tiles or access panels).

The material is not visible to view when standing on the floor of the room and requires the removal of a building component (e.g. ceilings tiles or access panels) to view and access. Includes rarely entered crawlspaces, attic spaces, etc. Observations will be limited to the extent visible from the access points.

#### **Colour Coding**

The material is known to contain regulated concentrations of asbestos; either by analytical results or visible identification (use of the V9000 code).

The material is presumed to contain asbestos; based on visual appearances; typically a material known to historically contain asbestos; however, not sampled due to limited access or the destructive nature of the sampling.

## Air Plenum

Yes or No The material is in a return air plenum or in a direct airstream or there is evidence of air erosion (e.g. duct for heating or cooling blowing directly on or across an ACM). This

field is only completed where Air Plenum consideration is required by regulation.

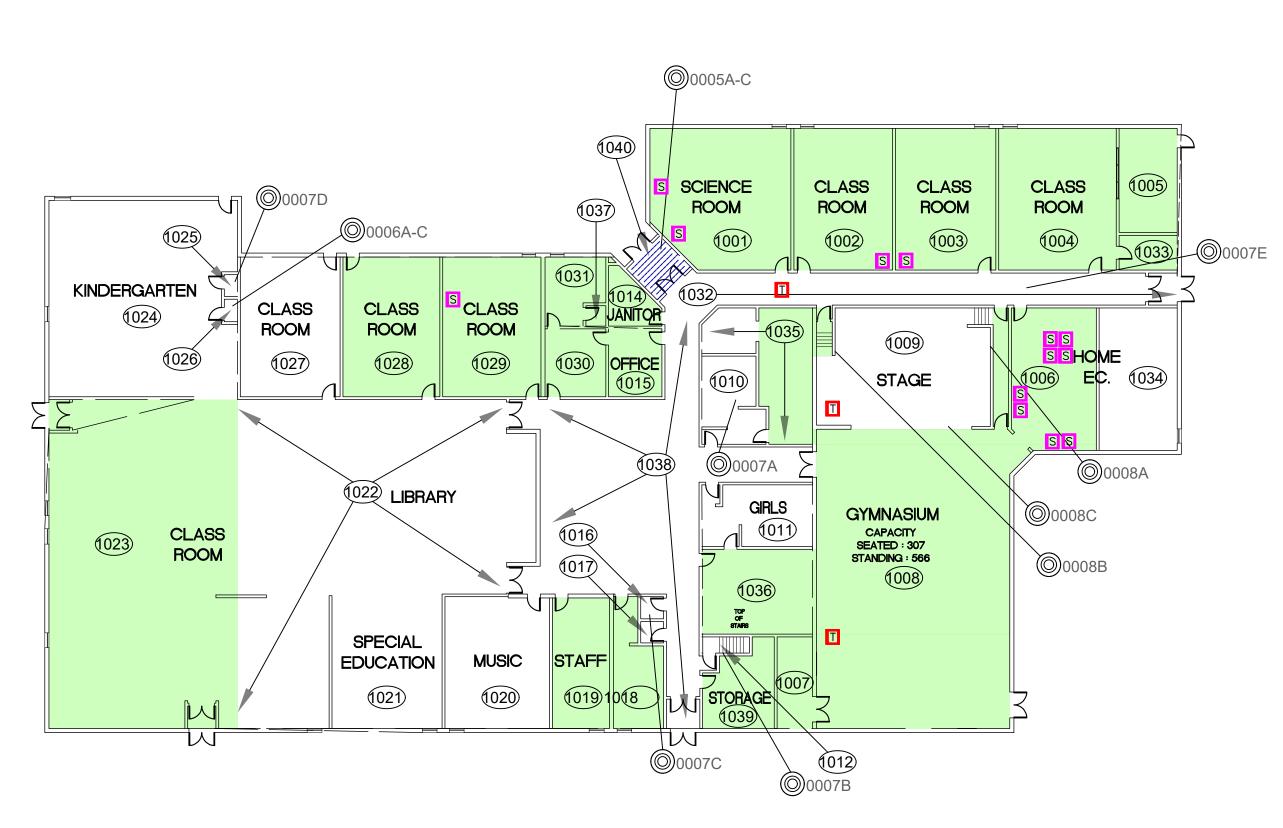
#### Action

(7)

(1)	Clean up of ACM Debris	(2)	Precautions for Access Which may Disturb ACM Debris	(3)	ACM removal
(4)	Precautions for Work Which may Disturb ACM in Poor Condition	(5)	Proactive ACM removal (Minimum repair required for fair condition)	(6)	ACM repair

APPENDIX V
Drawings







905-577-6206

www.pinchin.com

LEGEND:

X LOCATION NUMBER

ASBESTOS-CONTAINING MATERIALS:

T TRANSITE PIPE

TRANSITE PIPE



VINYL FLOOR TILES & MASTIC



TEXTURE FINISH

NOT ALL KNOWN OR SUSPECTED HAZARDOUS BUILDING MATERIALS MAY BE DEPICTED ON THE DRAWING. REFER TO THE HAZARDOUS **BUILDING MATERIALS ASSESSMENT REPORT** FOR A COMPLETE LIST OF KNOWN AND SUSPECTED HAZARDOUS 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. KATERI TEKAKWITHA 22 QUEENSBURY DRIVE HAMILTON, ONTARIO

TITLE:

ASBESTOS REASSESSMENT FLOOR LEVEL 1

DATE:	PROJECT #:						
AUGUST 2022	303992.004						
DRAWN BY:	DRAWING:						
EB							
CHECKED BY:							
EB	1 OF 1						
SCALE:							
NTS							