



Asbestos Reassessment

St. Charles Barlake
60 Barlake Avenue, Hamilton,
Ontario

Prepared for:

**Hamilton-Wentworth Catholic
District School Board**

90 Mulberry Street
Hamilton, Ontario, L8N 3R9

August 12, 2022

Pinchin File: 303992.004



Asbestos Reassessment

St. Charles Barlake, 60 Barlake Avenue, Hamilton, Ontario
Hamilton-Wentworth Catholic District School Board

August 12, 2022
Pinchin File: 303992.004

Issued to: Hamilton-Wentworth Catholic District
School Board
Issued on: August 12, 2022
Pinchin File: 303992.004
Issuing Office: Hamilton, ON
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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.



Asbestos Reassessment

St. Charles Barlake, 60 Barlake Avenue, Hamilton, Ontario
Hamilton-Wentworth Catholic District School Board

August 12, 2022
Pinchin File: 303992.004

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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. Charles Barlake located at 60 Barlake Avenue, Hamilton, Ontario.

The reassessment was performed by Emily Balfour, Project Manager on May 10, 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 2022, Pinchin File 303992.004, for the methodology used during the reassessment.

2.0 BACKGROUND INFORMATION

2.1 Building Year of Construction

Item	Details
Year of Construction	1974

2.2 Existing Reports and Summary of Asbestos Abatement

2.2.1 Review of Previous Reports

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

- "Asbestos Assessment, St. Charles Barlake, 60 Barlake Avenue, Hamilton, Ontario", September 2018, Prepared by Pinchin Ltd., Pinchin File: 224334.
- "Asbestos Reassessment, St. Charles Barlake, 60 Barlake Avenue, Hamilton, Ontario", August 2019, Prepared by Pinchin Ltd., Pinchin File: 243241.
- "Asbestos Reassessment, St. Charles Barlake, 60 Barlake Avenue, Hamilton, Ontario", June 2020, Prepared by Pinchin Ltd., Pinchin File: 272113.



Asbestos Reassessment

St. Charles Barlake, 60 Barlake Avenue, Hamilton, Ontario
Hamilton-Wentworth Catholic District School Board

August 12, 2022
Pinchin File: 303992.004

- “Asbestos Reassessment, St. Charles Barlake, 60 Barlake Avenue, Hamilton, Ontario”, July 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.


3.1 Excluded Materials

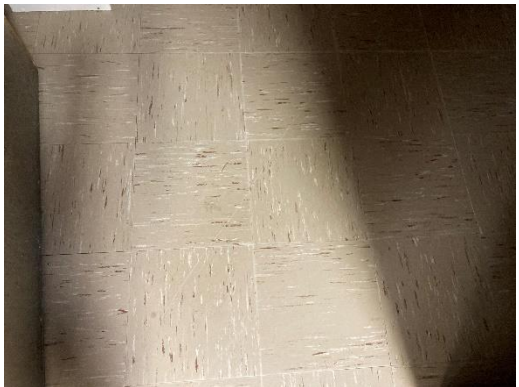

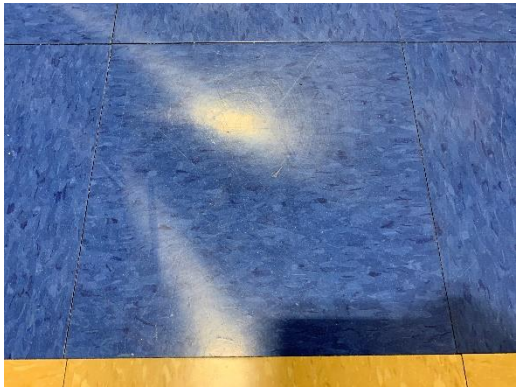
A number of materials which might contain asbestos were not sampled during this reassessment due to limitations in scope and methodology. Where present, these materials are assumed to contain asbestos until otherwise proven by sampling and analysis. These materials are not shown on the drawings in Appendix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



Material	Friability
Roofing, felts and tar	Non-friable
Concrete floor levelling compound	Non-friable
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
Soffit and fascia boards	Non-friable
Mechanical packing, ropes and gaskets	Non-friable
Exterior cladding	Non-friable
Fire resistant doors or metal clad finishes	Non-friable
Vibration dampers on HVAC equipment	Non-friable
Ceramic tile thin-set	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 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.)	Chrysotile/ Friable	
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 deep fissure and random pinhole pattern are present.	None	
24"x48" lay-in ceiling tiles, with a long fissure and random pinhole pattern are present.	None	
24"x48" lay-in ceiling tiles, with a older long fissure and	None	

Material and Application	Asbestos Type/Friability	Photo
random pinhole pattern are present.		
Smooth plaster present on ceilings does not contain asbestos.	None	
Drywall joint compound present as a wall and ceiling finish does not contain asbestos.	None	
Vinyl floor tiles, 12"x12", beige with brown and white streaks, are present.	Chrysotile/Non-friable (tile) None (mastic)	
Vinyl floor tiles, 12"x12", beige dense fleck, are present.	None (tile) Presumed/Non-friable (mastic)	
Vinyl floor tiles, 12"x12", blue dense fleck, are present.	None (tile) Presumed/Non-friable (mastic)	

Material and Application	Asbestos Type/Friability	Photo
Vinyl floor tiles, 12"x12", light grey multi fleck, are present.	Presumed/Non-friable (tile) Presumed/Non-friable (mastic)	
Gold mastic is present as a sink undercoating	Presumed/Non-friable	

Additional notes on the drywall joint compound discussed above:

- Drywall (gypsum board) and drywall joint compound is present as a wall and ceiling finish in various areas 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 6 samples of drywall joint compound were collected (samples 0005A-C, lab reference no. 51829048 and 0007A-C, lab reference no. 51831066) 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.

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 reassessment 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.

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.

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

Project: 230748,60 Barlake Avenue, Hamilton, ON, Hamilton-Wentworth Catholic School Board, St. Charles Barlake

Attn: Michael Maiorana
Robert Bertin-Fenney

Lab Order ID: 51829048
Analysis ID: 51829048_PLM
Date Received: 11/6/2018
Date Reported: 11/9/2018
Date Amended: 12/4/2018

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0004A - A	Smooth plaster ceiling on metal lath, Woman's washroom, Location 1009	None Detected		100% Other	White Non Fibrous Homogeneous
51829048PLM_1	finish				Crushed
0004A - B	Smooth plaster ceiling on metal lath, Woman's washroom, Location 1009	None Detected		100% Other	Gray Non Fibrous Heterogeneous
51829048PLM_7	base				Crushed
0004B - A	Smooth plaster ceiling on metal lath, Men's washroom, Location 1007	None Detected		100% Other	White Non Fibrous Homogeneous
51829048PLM_2	finish				Crushed
0004B - B	Smooth plaster ceiling on metal lath, Men's washroom, Location 1007	None Detected		100% Other	Gray Non Fibrous Heterogeneous
51829048PLM_8	base				Crushed
0004C - A	Smooth plaster ceiling on metal lath, Classroom, Location 1005	None Detected		100% Other	White Non Fibrous Homogeneous
51829048PLM_3	finish				Crushed
0004C - B	Smooth plaster ceiling on metal lath, Classroom, Location 1005	None Detected		100% Other	Gray Non Fibrous Heterogeneous
51829048PLM_9	base				Crushed
0005A	DJC on column, Open Area, Location 1022	None Detected		100% Other	White Non Fibrous Homogeneous
51829048PLM_4					Crushed
0005B	DJC on column, Open Area, Location 1022	None Detected		100% Other	White Non Fibrous Homogeneous
51829048PLM_5					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%.

William Howell (9)

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
Robert Bertin-Fenney

Project: 230748,60 Barlake Avenue, Hamilton, ON,Hamilton-Wentworth Catholic School
Board,St. Charles Barlake

Lab Order ID: 51829048
Analysis ID: 51829048_PLM
Date Received: 11/6/2018
Date Reported: 11/9/2018
Date Amended: 12/4/2018

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0005C	DJC on ceiling, Staff washroom, Location 1006	None Detected		100% Other	White Non Fibrous Homogeneous
51829048PLM_6					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%.


William Howell (9)

Analyst

Approved Signatory

51829048

Version 1-15-2012

Client:	Pinchin Ltd.	*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
Contact:	Michael Maiorana		
Address:	875 Main Street W., Unit 11		
Phone:	905-577-6206		
Fax:	905-577-6207		
Email:	rbertin-fenney@pinchin.com		
	mmaiorana@pinchin.com		
Project:	230748, 60 Barlake Avenue, Hamilton, ON, Hamilton-Wentworth Catholic School Board, St. Charles Barlake		
Client Notes:			
P.O. #.	230748		
Date Submitted:	November 5, 2018		
Analysis:	PLM - Stop Positive		
TurnAroundTime:	4days		

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

<<

0004A

0004B

0004C

0005A

0005B

0005C

>>

Smooth plaster ceiling on metal lath, Woman's washroom, Location 1009

Smooth plaster ceiling on metal lath, Men's washroom, Location 1007

Smooth plaster wall on metal lath, Classroom, Location 1005

DJC on column, Open Area, Location 1022

DJC on column, Open Area, Location 1022

DJC on ceiling, Staff washroom, Location 1006

Accepted ☒

Rejected ☐

By Bulley 11/6
1004



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
Project: 60 Barlake Avenue, Hamilton, ON

Attn: Robert Bertin-Fenney
Michael Maiorana

Lab Order ID: 51831066
Analysis ID: 51831066_PLM
Date Received: 11/28/2018
Date Reported: 12/3/2018

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0006a - A	Smooth plaster ceiling on metal lath, Classroom, Location 1005	None Detected		100% Other	White Non Fibrous Homogeneous
51831066PLM_1	finish				Crushed
0006a - B	Smooth plaster ceiling on metal lath, Classroom, Location 1005	None Detected		80% Other 20% Quartz	Gray Non Fibrous Homogeneous
51831066PLM_6	base				Crushed
0006b - A	Smooth plaster ceiling on metal lath, Classroom, Location 1005	None Detected		100% Other	White Non Fibrous Homogeneous
51831066PLM_2	finish				Crushed
0006b - B	Smooth plaster ceiling on metal lath, Classroom, Location 1005	None Detected		80% Other 20% Quartz	Gray Non Fibrous Homogeneous
51831066PLM_7	base				Crushed
0007a	DJC on wall, Classroom, Location 1005	None Detected		100% Other	White Non Fibrous Homogeneous
51831066PLM_3					Crushed
0007b	DJC on wall, Classroom, Location 1005	None Detected		100% Other	White Non Fibrous Homogeneous
51831066PLM_4					Crushed
0007c	DJC on wall, Classroom, Location 1005	None Detected		100% Other	White Non Fibrous Homogeneous
51831066PLM_5					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 (7)

Analyst

Approved Signatory

51831066

Special Instructions:

Pinchin Ltd. - Asbestos Laboratory

Internal Asbestos Bulk Sample Chain of Custody

Client Name:	Hamilton-Wentworth Catholic School Board	Project Address:	60 Barlake Avenue, Hamilton, ON
Portfolio/Building No:	St. Charles Barlake	Pinchin File:	230748
Submitted by:	Robert Bertin-Fenney	Email:	rbertin-fenney@pinchin.com
CC Results to:	Michael Maiorana	CC Email:	mmajorana@pinchin.com
Invoice to:	Accounts Payable	Invoice Email:	ap@pinchin.com
Date Submitted:	November 27 2018	Required by:	December 4 2018
# of Samples:	5	Priority:	5 Day Turnaround
Year of Building Construction (Mandatory Field):		1974	
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):		Select	

To be Completed by Lab Personnel Only:			
Lab Reference #:		Time:	24 hour clock
Received by:		Date:	Month Day Year
Name(s) of Analyst(s):			
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
	0006	A	Smooth plaster ceiling on metal lath, Classroom, Location 1005
	0006	B	Smooth plaster ceiling on metal lath, Classroom, Location 1005
	0007	A	DJC on wall, Classroom, Location 1005
	0007	B	DJC on wall, Classroom, Location 1005
	0007	C	DJC on wall, Classroom, Location 1005

Accepted ☒

Rejected ☐

N. Kama 11/28 10:30A



Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project Name:	Hamilton-Wentworth Catholic School Board, St. Charles Barlake, 60 Barlake Avenue, Hamilton, Ontario		
Project No.:	0272113.000		
Prepared For:	E. Balfour / M. Maiorana		
Lab Reference No.:	b230659	Date Received:	May 21, 2020
Analyst(s):	K. Cockburn	Date Analyzed:	June 1, 2020
		# Samples submitted:	3
		# Phases analyzed:	1

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. Charles Barlake,
60 Barlake Avenue, Hamilton, Ontario
Project No.: 0272113.000
Prepared For: E. Balfour / M. Maiorana
Lab Reference No.: b230659
Date Analyzed: June 1, 2020

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)			
		ASBESTOS		OTHER	
S0008A Parging cement, Custodian Office, Location 1003	Homogeneous, grey, soft, parging cement.	Chrysotile	50-75%	Non-Fibrous Material	25-50%
S0008B Parging cement, Custodian Office, Location 1003				Not Analyzed	
Comments:	Analysis was stopped due to a previous positive result.				
S0008C Parging cement, Custodian Office, Location 1003				Not Analyzed	
Comments:	Analysis was stopped due to a previous positive result.				

Reviewed by:

Reporting Analyst:

Analyzed by: *KC*Reviewed by: *HP*Report Sent by: *ly***Instructions:****Pinchin Ltd. - Asbestos Laboratory
Internal Asbestos Bulk Sample Chain of Custody**

Client Name:	Hamilton-Wentworth Catholic School Board	Project Address:	60 Barlake Avenue, Hamilton, Ontario
Portfolio/Building No:	St. Charles Barlake	Pinchin File:	272113
Submitted by:	Emily Balfour	Email:	ebalfour@pinchin.com
CC Results to:	Michael Maiorana	CC Email:	mmaiiorana@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):	1964		
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):	Pinchin		

To be Completed by Lab Personnel Only:

Lab Reference #:	6230659 <i>CH</i>		Time:	24 hour clock		
Received by:	MAY 21 2020		Date:	Month	Day	Year
Name(s) of Analyst(s):	<i>KC</i> 2020/06/01					
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)			
	S0008	A	Parging cement, Custodian Office, Location 1003 <i>CH 50-757</i>			
	S0008	B	Parging cement, Custodian Office, Location 1003 <i>- NA -</i>			
	S0008	C	Parging cement, Custodian Office, Location 1003 <i>- NA -</i>			

APPENDIX II
Location List

Client: Hamilton-Wentworth Catholic District Sch
Building Name: St Charles - Barlake Campus
Survey Date: 2018-07-19

Site: 60 Barlake Avenue, Hamilton, ON
Last Re-Assessment: 2022-05-10

Location No.	Name or Description	Area ft ²	Floor No.	Bldg. Phase	Notes
1	Presumed ACM	0		A	
1001	Gymnasium	0	1	A	
1002	Storage	0	1	A	
1003	Custodian Office	0	1	A	
1004	Corridor	0	1	A	
1005	Classroom 9	0	1	A	
1006	Mens Staff Washroom	0	1	A	
1007	Boys Washroom	0	1	A	
1008	ESL 3-6, room no. 6	0	1	A	
1009	Girls Washroom	0	1	A	
1010	Computer Lab	0	1	A	
1011	Womens Staff Washroom	0	1	A	
1012	Sink Room	0	1	A	
1013	School Office	0	1	A	
1014	Principal's Office	0	1	A	
1015	Foyer	0	1	A	
1016	Staff Room	0	1	A	
1017	Office	0	1	A	
1018	LBS-Multi, room no. 1	0	1	A	
1019	ESL Lit 1/2, room no. 2	0	1	A	
1020	LINC 3/5, room no. 3	0	1	A	
1021	LINC Pre-1, room no. 4	0	1	A	
1022	Classroom 5, room no. 5	0	1	A	
1023	LINC 2/3, room no. 7	0	1	A	
1024	Classroom	0	1	A	
1025	Day Care	0	1	A	
1026	Washroom	0	1	A	
1027	Washroom	0	1	A	
1028	Girls Coat Room	0	1	A	
1029	Boys Coat Room	0	1	A	

APPENDIX III

Hazardous Materials Summary / Sample Log Report

Client: Hamilton-Wentworth Catholic District Sch

Site: 60 Barlake Avenue, Hamilton, ON

Building Name: St Charles - Barlake Campus

Survey Date: 2018-07-19

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
Asbestos	S0001	Ceiling Ceiling Tiles (lay-in)	1029	A	0	0	0	0	None Detected	No	
Asbestos	S0002	Ceiling Ceiling Tiles (lay-in)	1004,1008,1013,1014,1015,1016,1017,1018,1019 1020,1021,1022,1023,1024,1025,1028,1029	A	0	0	0	0	None Detected	No	
Asbestos	S0003	Ceiling Ceiling Tiles (lay-in)	1015	A	0	0	0	0	None Detected	No	
Asbestos	S0004 ABC	Ceiling Plaster Plaster Ceiling	1005,1007,1009,1010	A	0	0	0	100	None Detected	No	
Asbestos	S0005 ABC	Ceiling, Wall Column Drywall And Joint Compound Djc	1006,1022	A	0	0	0	100	None Detected	No	
Asbestos	S0006	Ceiling Plaster Plaster Ceiling	1005	A	0	0	0	100	None Detected	No	
Asbestos	S0007	Wall Drywall And Joint Compound Djc	1005	A	0	0	0	100	None Detected	No	
Asbestos	S0008 ABC	Piping Parging Cement	1003	A	0	0	6	0	Chrysotile	Yes	F
Asbestos	V9000	Floor Vinyl Floor Tile (no Mastic) 12x12 Beige With Brown And White Streaks	1004,1012,1013,1014,1016	A	0	0	0	100	Confirmed Asbestos	Yes	NF
Asbestos	V9500	Floor Mastic	1001,1008,1017,1018,1019,1020,1021,1022,1023 1024	A	0	0	0	100	Presumed Asbestos	Yes	NF
Asbestos	V9500	Floor Vinyl Floor Tile (no Mastic) 12x12 Light Grey Multi-fleck, 12x12 Medium Grey Multi Fleck, 12x12 Medium Grey Multi-fleck	1008,1017,1018,1019,1020,1021,1022,1023,1024	A	0	0	0	100	Presumed Asbestos	Yes	NF
Asbestos	V9500	Other Door, Window Caulking	1	A	0	0	0	100	Presumed Asbestos	Yes	NF
Asbestos	V9500	Other Electrical Equipment Cement Product Transite Components - Electrical And Switchgear Equipment	1	A	0	0	0	100	Presumed Asbestos	Yes	NF
Asbestos	V9500	Other Sink Mastic, Gold	1018,1019,1023,1024	A	0	0	5	0	Presumed Asbestos	Yes	NF
Asbestos	V9500	Other Electrical Wire Textile Woven Jacketing And Insulation On Older Wiring	1	A	0	0	0	100	Presumed Asbestos	Yes	NF
Asbestos	V9500	Structure Roof Roofing Material	1	A	0	0	0	100	Presumed Asbestos	Yes	NF
Asbestos	V9500	Wall Vermiculite/concrete Block Walls	1	A	0	0	0	100	Presumed Asbestos	Yes	F
Asbestos	V0000	Ceiling Drywall (no Compound)	1011,1026,1027	A	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Ceiling Drywall And Joint Compound	1012	A	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Ceiling Beam Deck Joist Steel	1001,1002,1003	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Floor Carpet	1022	A	0	0	0	0	Non	No	

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
Asbestos	V0000	Floor Ceramic Tiles 1x1 White	1010	A	0	0	0	0	Asbestos Non Asbestos	No	
Asbestos	V0000	Floor Ceramic Tiles 2x2 Brown	1006,1007,1009,1011,1015,1026,1027,1029	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Floor Ceramic Tiles 6x6 Beige	1028	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Floor Concrete (poured)	1002,1003	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Floor Laminate	1025	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Floor Mastix	1004,1016	A	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Floor Mastix (previously Sampled)	1012,1013,1014	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Floor Vinyl Floor Tile (no Mastix) 12x12 Beige Dense Fleck (new 2015)	1001	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Floor Vinyl Floor Tile (no Mastix) 12x12 Blue Dense Fleck (new 2015)	1001	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Piping Fibreglass	1001,1002,1003,1004,1008,1013,1014,1015,1016,1018,1019,1020,1021,1022,1023,1028,1029	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Wall Exterior Masonry	1,1001,1002,1003,1004,1005,1006,1007,1008,1009,1010,1011,1012,1013,1014,1015,1016,1017,1018,1019,1020,1021,1022,1023,1024,1025,1026,1027,1028,1029	A	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
[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

ALL DATA REPORT

Client: Hamilton-Wentworth Catholic District Sch
Location: #1 : Presumed ACM
Survey Date: 2018-07-19

Site: Adult
Floor:

Building Name: St Charles - Barlake Campus
Room #:
Last Re-Assessment: 2022-05-10

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Other	Door	Caulking			A	Y		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Other	Electrical Equipment	Cement Product, Transite components - electrical and switchgear equipment			B	Y		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Other	Electrical Wire	Textile, Woven jacketing and insulation on older wiring			B	Y		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Other	Window	Caulking			A	Y		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Structure	Roof	Roofing material			C	Y		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Wall		Vermiculite/concrete block walls			D	N		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	F
Wall	Exterior	Masonry			A	Y						V0000	Non-Asbestos		None	

ALL DATA REPORT

Client: Hamilton-Wentworth Catholic District Sch
Location: #1001 : Gymnasium
Survey Date: 2018-07-19

Site: Adult
Floor: 1

Building Name: St Charles - Barlake Campus
Room #:
Last Re-Assessment: 2022-05-10

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Beam Deck Joist	Steel			C	Y						V0000	Non-Asbestos		None	
Floor		Mastic			D	N		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Floor		Vinyl Floor Tile (No Mastic), 12x12 Beige Dense Fleck (New 2015)			A	Y						V0000	Non-Asbestos		None	
Floor		Vinyl Floor Tile (No Mastic), 12x12 Blue Dense Fleck (New 2015)			A	Y						V0000	Non-Asbestos		None	
Piping		Fibreglass	Insulation	Polyvinyl chloride (PVC)	C	Y						V0000	Non-Asbestos		None	
Wall		Masonry			A	Y						V0000	Non-Asbestos		None	

ALL DATA REPORT

Client: Hamilton-Wentworth Catholic District Sch
Location: #1002 : Storage
Survey Date: 2018-07-19

Site: Adult
Floor: 1

Building Name: St Charles - Barlake Campus
Room #:
Last Re-Assessment: 2022-05-10

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Beam Deck Joist	Steel			C	Y						V0000	Non-Asbestos		None	
Floor		Concrete (poured)			A	Y						V0000	Non-Asbestos		None	
Piping		Fibreglass	Insulation	Polyvinyl chloride (PVC)	C	Y						V0000	Non-Asbestos		None	
Wall		Masonry			A	Y						V0000	Non-Asbestos		None	

Client: Hamilton-Wentworth Catholic District Sch
Location: #1003 : Custodian Office
Survey Date: 2018-07-19

Site: Adult
Floor: 1

Building Name: St Charles - Barlake Campus
Room #:
Last Re-Assessment: 2022-05-10

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Beam Deck Joist	Steel			C	Y						V0000	Non-Asbestos		None	
Floor		Concrete (poured)			A	Y						V0000	Non-Asbestos		None	
Piping		Fibreglass	Insulation	Polyvinyl chloride (PVC)	C	Y						V0000	Non-Asbestos		None	
Piping		Parging Cement	Fitting		C	Y		6(7)			EA	S0008ABC	Chrysotile	50-75%	Confirmed Asbestos	F
Wall		Masonry			A	Y						V0000	Non-Asbestos		None	

ALL DATA REPORT

Client: Hamilton-Wentworth Catholic District Sch
Location: #1004 : Corridor
Survey Date: 2018-07-19

Site: Adult
Floor: 1

Building Name: St Charles - Barlake Campus
Room #:
Last Re-Assessment: 2022-05-10

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), 2x4 Deep Fissure Random Pinhole			C	Y						V0002	None Detected		None	
Floor		Mastic			D	N		100			%	V0000	Non-Asbestos		None	
Floor		Vinyl Floor Tile (No Mastic), 12x12 Beige with Brown and White Streaks			A	Y		100(7)			%	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Piping		Fibreglass	Insulation	Polyvinyl chloride (PVC)	C	N						V0000	Non-Asbestos		None	
Wall		Masonry			A	Y						V0000	Non-Asbestos		None	

Client: Hamilton-Wentworth Catholic District Sch
Location: #1005 : Classroom 9
Survey Date: 2018-07-19

Site: Adult
Floor: 1

Building Name: St Charles - Barlake Campus
Room #:
Last Re-Assessment: 2022-05-10

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster			C	Y		100			%	S0004C	None Detected		None	
Ceiling		Plaster, Plaster ceiling			C	Y		100			%	S0006	None Detected		None	
Floor		Ceramic Tiles			A	Y										
Wall		Drywall and joint compound, DJC			A	Y		100			%	S0007	None Detected		None	
Wall		Masonry			A	Y						V0000	Non-Asbestos		None	

ALL DATA REPORT

Client: Hamilton-Wentworth Catholic District Sch
Location: #1006 : Mens Staff Washroom
Survey Date: 2018-07-19

Site: Adult
Floor: 1

Building Name: St Charles - Barlake Campus
Room #:
Last Re-Assessment: 2022-05-10

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Drywall and joint compound			C	Y						S0005C	None Detected		None	
Floor		Ceramic Tiles, 2x2 Brown			A	Y						V0000	Non-Asbestos		None	
Wall		Masonry			A	Y						V0000	Non-Asbestos		None	

Client: Hamilton-Wentworth Catholic District Sch
Location: #1007 : Boys Washroom
Survey Date: 2018-07-19

Site: Adult
Floor: 1

Building Name: St Charles - Barlake Campus
Room #:
Last Re-Assessment: 2022-05-10

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster			C	Y		100			%	S0004B	None Detected		None	
Floor		Ceramic Tiles, 2x2 Brown			A	Y						V0000	Non-Asbestos		None	
Wall		Masonry			A	Y						V0000	Non-Asbestos		None	

ALL DATA REPORT

Client: Hamilton-Wentworth Catholic District Sch
Location: #1008 : ESL 3-6
Survey Date: 2018-07-19

Site: Adult
Floor: 1

Building Name: St Charles - Barlake Campus
Room #: 6
Last Re-Assessment: 2022-05-10

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), 2x4 Deep Fissure Random Pinhole			C	Y						V0002	None Detected		None	
Floor		Mastic			D	N		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Floor		Vinyl Floor Tile (No Mastic), 12x12 Medium Grey Multi Fleck			A	Y		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Piping		Fibreglass	Insulation	Polyvinyl chloride (PVC)	C	N						V0000	Non-Asbestos		None	
Wall		Masonry			A	Y						V0000	Non-Asbestos		None	

Client: Hamilton-Wentworth Catholic District Sch
Location: #1009 : Girls Washroom
Survey Date: 2018-07-19

Site: Adult
Floor: 1

Building Name: St Charles - Barlake Campus
Room #:
Last Re-Assessment: 2022-05-10

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster			C	Y		100			%	S0004A	None Detected		None	
Floor		Ceramic Tiles, 2x2 Brown			A	Y						V0000	Non-Asbestos		None	
Wall		Masonry			A	Y						V0000	Non-Asbestos		None	

ALL DATA REPORT

Client: Hamilton-Wentworth Catholic District Sch
Location: #1010 : Computer Lab
Survey Date: 2018-07-19

Site: Adult
Floor: 1

Building Name: St Charles - Barlake Campus
Room #:
Last Re-Assessment: 2022-05-10

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster			C	Y		100			%	V0004	None Detected		None	
Floor		Ceramic Tiles, 1x1 White			A	Y						V0000	Non-Asbestos		None	
Wall		Masonry			A	Y						V0000	Non-Asbestos		None	

Client: Hamilton-Wentworth Catholic District Sch
Location: #1011 : Womens Staff Washroom
Survey Date: 2018-07-19

Site: Adult
Floor: 1

Building Name: St Charles - Barlake Campus
Room #:
Last Re-Assessment: 2022-05-10

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Drywall (no compound)			C	Y		100			%	V0000	Non-Asbestos		None	
Floor		Ceramic Tiles, 2x2 Brown			A	Y						V0000	Non-Asbestos		None	
Wall		Masonry			A	Y						V0000	Non-Asbestos		None	

ALL DATA REPORT

Client: Hamilton-Wentworth Catholic District Sch
Location: #1012 : Sink Room
Survey Date: 2018-07-19

Site: Adult
Floor: 1

Building Name: St Charles - Barlake Campus
Room #:
Last Re-Assessment: 2022-05-10

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Drywall and joint compound			C	Y		100			%	V0000	Non-Asbestos		None	
Floor		Mastic, (previously sampled)			D	N						V0000	Non-Asbestos		None	
Floor		Vinyl Floor Tile (No Mastic), 12x12 Beige with Brown and White Streaks			A	Y		100(7)			%	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Wall		Masonry			A	Y						V0000	Non-Asbestos		None	

Client: Hamilton-Wentworth Catholic District Sch
Location: #1013 : School Office
Survey Date: 2018-07-19

Site: Adult
Floor: 1

Building Name: St Charles - Barlake Campus
Room #:
Last Re-Assessment: 2022-05-10

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), 2x4 Deep Fissure Random Pinhole			C	Y						V0002	None Detected		None	
Floor		Mastic, (previously sampled)			D	N						V0000	Non-Asbestos		None	
Floor		Vinyl Floor Tile (No Mastic), 12x12 Beige with Brown and White Streaks			A	Y		100(7)			%	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Piping		Fibreglass	Insulation	Polyvinyl chloride (PVC)	C	N						V0000	Non-Asbestos		None	
Wall		Masonry			A	Y						V0000	Non-Asbestos		None	

ALL DATA REPORT

Client: Hamilton-Wentworth Catholic District Sch
Location: #1014 : Principal's Office
Survey Date: 2018-07-19

Site: Adult
Floor: 1

Building Name: St Charles - Barlake Campus
Room #:
Last Re-Assessment: 2022-05-10

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), 2x4 Deep Fissure Random Pinhole			C	Y						V0002	None Detected		None	
Floor		Mastic, (previously sampled)			D	N						V0000	Non-Asbestos		None	
Floor		Vinyl Floor Tile (No Mastic), 12x12 Beige with Brown and White Streaks			A	Y		90(7)	10(7)		%	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Piping		Fibreglass	Insulation	Polyvinyl chloride (PVC)	C	N						V0000	Non-Asbestos		None	
Wall		Masonry			A	Y						V0000	Non-Asbestos		None	

Client: Hamilton-Wentworth Catholic District Sch
Location: #1015 : Foyer
Survey Date: 2018-07-19

Site: Adult
Floor: 1

Building Name: St Charles - Barlake Campus
Room #:
Last Re-Assessment: 2022-05-10

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), 2x4 Deep Fissure Random Pinhole			C	Y						S0002	None Detected		None	
Ceiling		Ceiling Tiles (lay-in), 2x4 Long Fissure Random Pinhole			C	Y						S0003	None Detected		None	
Floor		Ceramic Tiles, 2x2 Brown			A	Y						V0000	Non-Asbestos		None	
Piping		Fibreglass	Insulation	Polyvinyl chloride (PVC)	C	N						V0000	Non-Asbestos		None	
Wall		Masonry			A	Y						V0000	Non-Asbestos		None	

ALL DATA REPORT

Client: Hamilton-Wentworth Catholic District Sch
Location: #1016 : Staff Room
Survey Date: 2018-07-19

Site: Adult
Floor: 1

Building Name: St Charles - Barlake Campus
Room #:
Last Re-Assessment: 2022-05-10

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), 2x4 Deep Fissure Random Pinhole			C	Y						V0002	None Detected		None	
Floor		Mastic			D	N		100			%	V0000	Non-Asbestos		None	
Floor		Vinyl Floor Tile (No Mastic), 12x12 Beige with Brown and White Streaks			A	Y		100(7)			%	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Piping		Fibreglass	Insulation	Polyvinyl chloride (PVC)	C	N						V0000	Non-Asbestos		None	
Wall		Masonry			A	Y						V0000	Non-Asbestos		None	

Client: Hamilton-Wentworth Catholic District Sch
Location: #1017 : Office
Survey Date: 2018-07-19

Site: Adult
Floor: 1

Building Name: St Charles - Barlake Campus
Room #:
Last Re-Assessment: 2022-05-10

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), 2x4 Deep Fissure Random Pinhole			C	Y						S0002	None Detected		None	
Floor		Mastic			D	N		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Floor		Vinyl Floor Tile (No Mastic), 12x12 Light Grey Multi-Fleck			A	Y		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Wall		Masonry			A	Y						V0000	Non-Asbestos		None	

ALL DATA REPORT

Client: Hamilton-Wentworth Catholic District Sch
Location: #1018 : LBS-Multi
Survey Date: 2018-07-19

Site: Adult
Floor: 1

Building Name: St Charles - Barlake Campus
Room #: 1
Last Re-Assessment: 2022-05-10

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), 2x4 Deep Fissure Random Pinhole			C	Y						V0002	None Detected		None	
Floor		Mastic			D	N		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Floor		Vinyl Floor Tile (No Mastic), 12x12 Light Grey Multi-Fleck			A	Y		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Other	Sink	Mastic, Gold			A	N		2(7)			EA	V9500	Presumed Asbestos		Presumed Asbestos	NF
Piping		Fibreglass	Insulation	Polyvinyl chloride (PVC)	C	N						V0000	Non-Asbestos		None	
Wall		Masonry			A	Y						V0000	Non-Asbestos		None	

ALL DATA REPORT

Client: Hamilton-Wentworth Catholic District Sch
Location: #1019 : ESL Lit 1/2
Survey Date: 2018-07-19

Site: Adult
Floor: 1

Building Name: St Charles - Barlake Campus
Room #: 2
Last Re-Assessment: 2022-05-10

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), 2x4 Deep Fissure Random Pinhole			C	Y						V0002	None Detected		None	
Floor		Mastic			D	N		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Floor		Vinyl Floor Tile (No Mastic), 12x12 Light Grey Multi-Fleck			A	Y		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Other	Sink	Mastic, Gold			A	N		1(7)			EA	V9500	Presumed Asbestos		Presumed Asbestos	NF
Piping		Fibreglass	Insulation	Polyvinyl chloride (PVC)	C	N						V0000	Non-Asbestos		None	
Wall		Masonry			A	Y						V0000	Non-Asbestos		None	

ALL DATA REPORT

Client: Hamilton-Wentworth Catholic District Sch
Location: #1020 : LINC 3/5
Survey Date: 2018-07-19

Site: Adult
Floor: 1

Building Name: St Charles - Barlake Campus
Room #: 3
Last Re-Assessment: 2022-05-10

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), 2x4 Deep Fissure Random Pinhole			C	Y						V0002	None Detected		None	
Floor		Mastic			D	N		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Floor		Vinyl Floor Tile (No Mastic), 12x12 Light Grey Multi-Fleck			A	Y		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Piping		Fibreglass	Insulation	Polyvinyl chloride (PVC)	C	N						V0000	Non-Asbestos		None	
Wall		Masonry			A	Y						V0000	Non-Asbestos		None	

Client: Hamilton-Wentworth Catholic District Sch
Location: #1021 : LINC Pre-1
Survey Date: 2018-07-19

Site: Adult
Floor: 1

Building Name: St Charles - Barlake Campus
Room #: 4
Last Re-Assessment: 2022-05-10

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), 2x4 Deep Fissure Random Pinhole			C	Y						V0002	None Detected		None	
Floor		Mastic			D	N		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Floor		Vinyl Floor Tile (No Mastic), 12x12 Medium Grey Multi-Fleck			A	Y		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Floor		Vinyl Floor Tile (No Mastic), 12x12 Light Grey Multi-Fleck			A	Y		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Piping		Fibreglass	Insulation	Polyvinyl chloride (PVC)	C	N						V0000	Non-Asbestos		None	
Wall		Masonry			A	Y						V0000	Non-Asbestos		None	

ALL DATA REPORT

Client: Hamilton-Wentworth Catholic District Sch
Location: #1022 : Classroom 5
Survey Date: 2018-07-19

Site: Adult
Floor: 1

Building Name: St Charles - Barlake Campus
Room #: 5
Last Re-Assessment: 2022-05-10

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), 2x4 Deep Fissure Random Pinhole			C	Y						V0002	None Detected		None	
Floor		Carpet			A	Y						V0000	Non-Asbestos		None	
Floor		Mastic			D	N		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Floor		Vinyl Floor Tile (No Mastic), 12x12 Light Grey Multi-Fleck			A	Y		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Piping		Fibreglass			C	N						V0000	Non-Asbestos		None	
Wall		Masonry			A	Y						V0000	Non-Asbestos		None	
Wall	Column	Drywall and joint compound			A	Y		100			%	S0005AB	None Detected		None	

ALL DATA REPORT

Client: Hamilton-Wentworth Catholic District Sch
Location: #1023 : LINC 2/3
Survey Date: 2018-07-19

Site: Adult
Floor: 1

Building Name: St Charles - Barlake Campus
Room #: 7
Last Re-Assessment: 2022-05-10

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), 2x4 Deep Fissure Random Pinhole			C	Y						V0002	None Detected		None	
Floor		Mastic			D	N		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Floor		Vinyl Floor Tile (No Mastic), 12x12 Light Grey Multi-Fleck			A	Y		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Other	Sink	Mastic, Gold			A	N		1(7)			EA	V9500	Presumed Asbestos		Presumed Asbestos	NF
Piping		Fibreglass	Insulation	Polyvinyl chloride (PVC)	C	N						V0000	Non-Asbestos		None	
Wall		Masonry			A	Y						V0000	Non-Asbestos		None	

ALL DATA REPORT

Client: Hamilton-Wentworth Catholic District Sch
Location: #1024 : Classroom
Survey Date: 2018-07-19

Site: Adult
Floor: 1

Building Name: St Charles - Barlake Campus
Room #:
Last Re-Assessment: 2022-05-10

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), 2x4 Deep Fissure Random Pinhole			C	Y						V0002	None Detected		None	
Floor		Mastic			D	N		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Floor		Vinyl Floor Tile (No Mastic), 12x12 Light Grey Multi-Fleck			A	Y		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Other	Sink	Mastic, Gold			A	N		1(7)			EA	V9500	Presumed Asbestos		Presumed Asbestos	NF
Wall		Masonry			A	Y						V0000	Non-Asbestos		None	

Client: Hamilton-Wentworth Catholic District Sch
Location: #1025 : Day Care
Survey Date: 2018-07-19

Site: Adult
Floor: 1

Building Name: St Charles - Barlake Campus
Room #:
Last Re-Assessment: 2022-05-10

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), 2x4 Deep Fissure Random Pinhole			C	Y						V0002	None Detected		None	
Floor		Concrete (poured)			A	Y										
Floor		Laminate			A	Y						V0000	Non-Asbestos		None	
Wall		Masonry			A	Y						V0000	Non-Asbestos		None	

ALL DATA REPORT

Client: Hamilton-Wentworth Catholic District Sch
Location: #1026 : Washroom
Survey Date: 2018-07-19

Site: Adult
Floor: 1

Building Name: St Charles - Barlake Campus
Room #:
Last Re-Assessment: 2022-05-10

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Drywall (no compound)			C	Y		100			%	V0000	Non-Asbestos		None	
Floor		Ceramic Tiles, 2x2 Brown			A	Y						V0000	Non-Asbestos		None	
Wall		Masonry			A	Y						V0000	Non-Asbestos		None	

Client: Hamilton-Wentworth Catholic District Sch
Location: #1027 : Washroom
Survey Date: 2018-07-19

Site: Adult
Floor: 1

Building Name: St Charles - Barlake Campus
Room #:
Last Re-Assessment: 2022-05-10

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Drywall (no compound)			C	Y		100			%	V0000	Non-Asbestos		None	
Floor		Ceramic Tiles, 2x2 Brown			A	Y						V0000	Non-Asbestos		None	
Wall		Masonry			A	Y						V0000	Non-Asbestos		None	

ALL DATA REPORT

Client: Hamilton-Wentworth Catholic District Sch
Location: #1028 : Girls Coat Room
Survey Date: 2018-07-19

Site: Adult
Floor: 1

Building Name: St Charles - Barlake Campus
Room #:
Last Re-Assessment: 2022-05-10

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), 2x4 Deep Fissure Random Pinhole			C	Y						V0002	None Detected		None	
Floor		Ceramic Tiles, 6x6 Beige			A	Y						V0000	Non-Asbestos		None	
Piping		Fibreglass	Insulation	Polyvinyl chloride (PVC)	C	N						V0000	Non-Asbestos		None	
Wall		Masonry			A	Y						V0000	Non-Asbestos		None	

Client: Hamilton-Wentworth Catholic District Sch
Location: #1029 : Boys Coat Room
Survey Date: 2018-07-19

Site: Adult
Floor: 1

Building Name: St Charles - Barlake Campus
Room #:
Last Re-Assessment: 2022-05-10

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), 2x4 Deep Fissure Random Pinhole			C	Y						V0002	None Detected		None	
Ceiling		Ceiling Tiles (lay-in), 2x4 Older Long Fissure Random Pinhole			C	Y						S0001	None Detected		None	
Floor		Ceramic Tiles, 2x2 Brown			A	Y						V0000	Non-Asbestos		None	
Piping		Fibreglass	Insulation	Polyvinyl chloride (PVC)	C	N						V0000	Non-Asbestos		None	
Wall		Masonry			A	Y						V0000	Non-Asbestos		None	

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

Visible	
Y	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).
N	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.

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.

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.

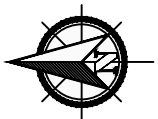
Action					
(1)	Clean up of ACM Debris	(2)	Precautions for Access Which may Disturb ACM Debris	(3)	ACM removal
(4)	Precautions for Work Which may Disturb ACM in Poor Condition	(5)	Proactive ACM removal (Minimum repair required for fair condition)	(6)	ACM repair
(7)	Management program and surveillance				

APPENDIX V
Drawings

NOT ALL KNOWN OR SUSPECTED ASBESTOS BUILDING MATERIALS MAY BE DEPICTED ON THE DRAWING. REFER TO THE ASBESTOS REASSESSMENT 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.



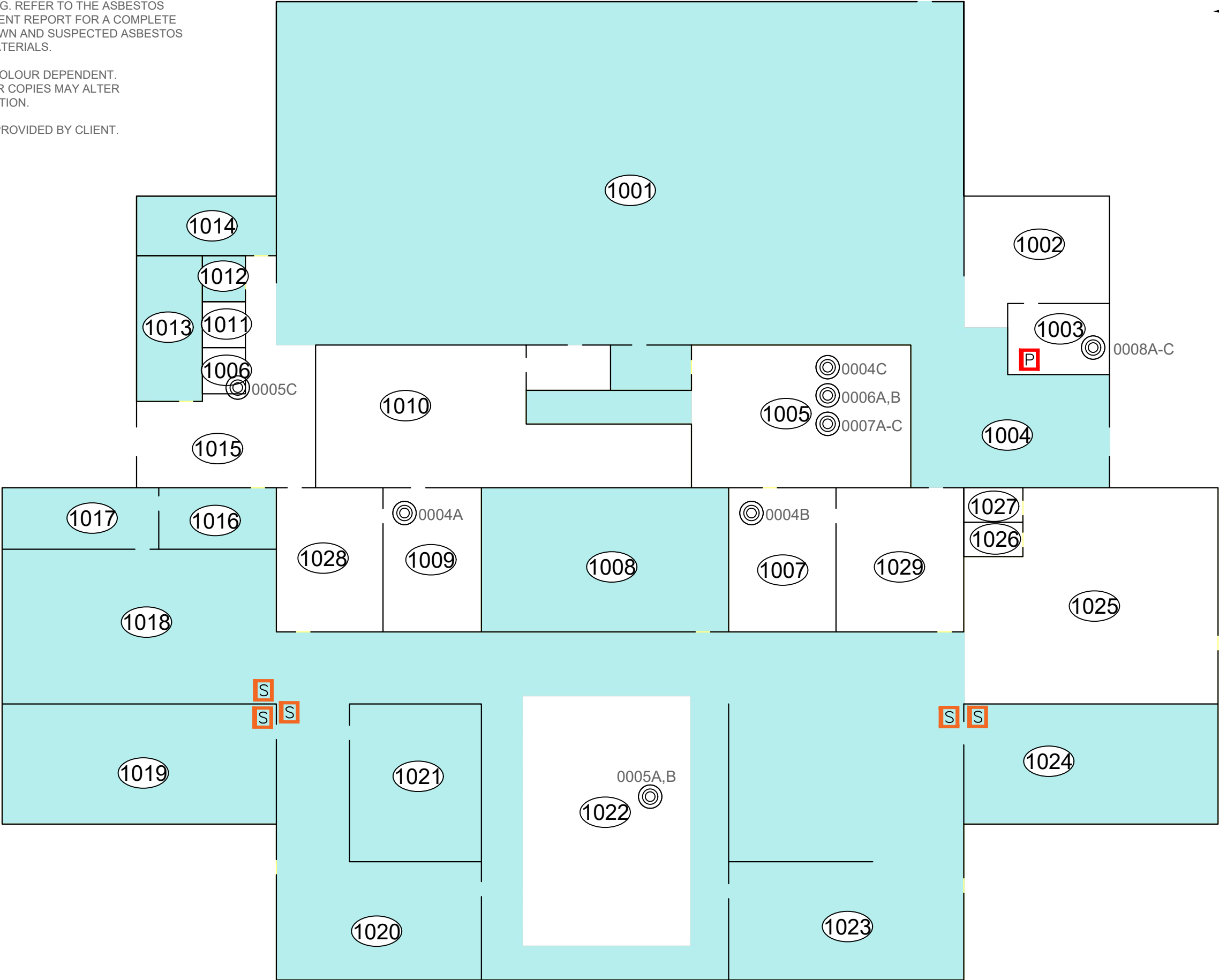
905-577-6206 www.pinchin.com

LEGEND:

- (X) LOCATION NUMBER
- ◎ ASBESTOS BULK SAMPLE

ASBESTOS-CONTAINING MATERIALS:

- P PIPE INSULATION
- S SINK UNDERCOATING
- FLOOR TILES AND MASTIC



CLIENT:



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

LOCATION:

ST. CHARLES BARLAKE
60 BARLAKE AVENUE
HAMILTON, ONTARIO

TITLE:

ASBESTOS REASSESSMENT
FLOOR LEVEL 1

DATE:

AUGUST 2022

PROJECT # :

303992.004

DRAWN BY:

EB

CHECKED BY:

EB

SCALE:

NTS

DRAWING:

1 OF 1