



May 31, 2024

Hastings and Prince Edward District School Board
224 Palmer Road
Belleville, ON K8P 4E1

Re: Asbestos Reassessment

Susanna Moodie Elementary School, 376 Avonlough Road, Belleville, ON
Pinchin File: 0200584.085

Hastings and Prince Edward District School Board (Client) retained Pinchin Ltd. (Pinchin) to conduct an asbestos-containing materials (ACM) reassessment of Susanna Moodie Elementary School located at 376 Avonlough Road, Belleville, ON.

Pinchin performed the assessment on March 13, 2024. The assessor was unaccompanied during the assessment. The assessed area was unoccupied at the time of the assessment.

The objective of the reassessment was to evaluate the condition and quantity of previously reported ACM and develop corrective action plans as required. This assessment is only to be used for the purposes of long-term management and routine maintenance. The results of this assessment are not to be used for construction, renovation, demolition, or project tendering purposes.

The **assessed area** consisted of all accessible portions of the building where ACM were previously identified.

The scope included the following:

- Assessment of any rooms/areas that were inaccessible during the previous assessment (where access could be obtained).
- Documentation of any asbestos abatement that was performed since the last reassessment.

1.0 RECOMMENDATIONS

1.1 Remedial Work

Remedial work is not required.



1.2 On-going Management and Maintenance

The following recommendations are provided regarding on-going management and maintenance work involving the ACM identified:

- Inspect all confirmed and presumed ACM at reasonable intervals and update the written documentation on annually as required by O.Reg. 278/05.
- Update the asbestos inventory report for all new information obtained (i.e., new materials, change of condition, abatement performed).
- Remove ACM before alteration or maintenance work if ACM may be disturbed. Follow appropriate asbestos precautions for the classification of work as per applicable regulations and guidelines.

1.2.1.1 Asbestos-Cement (Transite) Materials

If asbestos cement (Transite) materials must be removed as a result of planned demolition, renovation, etc. use Type 1 procedures as outlined within Ontario Regulation 278/05 if the work is done using wet methods and using hand-held non-powered tools.

1.2.1.2 Vinyl Floor Tiles

If vinyl floor tiles must be removed as a result of planned demolition, renovation, etc., use Type 1 procedures as outlined within Ontario Regulation 278/05 if the work is done using wet methods and using hand-held non-powered tools.

1.2.1.3 Caulking

If caulking must be removed as a result of planned demolition, renovation, etc., use Type 1 procedures as outlined within Ontario Regulation 278/05 if the work is done using wet methods and using hand-held non-powered tools.

1.3 Construction and Demolition

This assessment report does not provide sufficient detail to support renovation and demolition work. Therefore, perform a detailed intrusive assessment before building renovation or demolition operations. The assessment should include; destructive testing (e.g., coring, removal of building finishes and components), sampling of other hazardous materials (e.g., lead, mercury, PCBs, mould, etc.), and any other materials not tested (e.g. roofing materials, caulking, mastics).



2.0 FINDINGS

2.1 Assessed Area Description Summary

Description Item	Details
Building Use	Public School
Floors Above Grade	One storey plus a penthouse
Total Area (square feet)	35,000
Year of Construction	1979
Structure	Structural steel and concrete
Exterior Cladding	Brick
HVAC	Penthouse Air Handling Units, Boiler with radiators, Electric baseboard/wall heaters
Roof	Flat, Built-up Roofing
Flooring	Vinyl floor tile, Vinyl sheet flooring, Terrazzo, Ceramic/stone tile, Concrete
Wall and Ceiling Finishes	Drywall, Concrete block, Transite panels, Wood pegboard, Lay-in ceiling tiles

2.2 Existing Reports

2.2.1 Review of Previous Reports

Pinchin reviewed the following reports and included relevant results as appropriate:

- *“Hazardous Building Materials Assessment, Hastings and Prince Edward District School Board, Susanna Moodie Public School, 376 Avonlough Road, Belleville, Ontario”, dated July 2017, prepared by Pinchin Ltd., Pinchin File 200584.003.*
- *“Asbestos Reassessment, Susanna Moodie Public School, 376 Avonlough Road, Belleville, Ontario”, dated October 3, 2022, prepared by Pinchin Ltd., Pinchin File 200584.074.*
- *“Hazardous Building Materials Assessment (Preconstruction), Fire Alarm Upgrade Project, Susanna Moodie Public School, 376 Avonlough Road, Belleville, Ontario”, dated May 10, 2024, prepared by Pinchin Ltd., Pinchin File 200584.088.*

2.2.2 Summary of Asbestos Abatement since the Previous Assessment

Based on a review of the above noted reports, and observations made during the reassessment, no changes have occurred since the last reassessment.



2.3 Summary of Building Materials

The following table summarizes the materials evaluated for asbestos in the assessed area. For details on locations, condition, and approximate quantities of asbestos materials, refer to the Confirmed/Presumed ACM Report in Appendix V.

The Client room numbering systems have changed in some locations, only the current room numbers are referenced in this report. To determine which room numbers correspond with the former room numbers and Pinchin Location numbers Refer to the HMIS Location Report in Appendix IV.

Sample Number	Material Description	Type of Asbestos	Confirmed Hazard	Total Quantity Present	Notes
S0001 ABC	Wall Caulking Brown, Windows/doors	Chrysotile	Yes	45 LF	
S0004 ABC	Floor Vinyl Floor Tile 12x12 Grey with brown streaks	Chrysotile	Yes	3,000 SF	
S0006 ABC	Ceiling Ceiling Tiles (Lay-in) 24"x48" small and medium random pinholes, pink backing	Amosite	Yes	N/A	Abated in 2017
V9500	Other Caulking Roof	Presumed Asbestos	Yes	100 %	
V9500	Other Cement Product Transite panel	Presumed Asbestos	Yes	640 SF	Lintels above exterior windows and doors
V9500	Piping Rain Water Leader Cement Product Transite	Presumed Asbestos	Yes	316 LF	Concealed behind wood pegboard
V9500	Wall Cement Product Transite panel	Presumed Asbestos	Yes	600 SF	Note 1

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

Site Specific Notes:

1. Additional Transite pipe may be present in concealed spaces such as within wall cavities and above solid ceilings.



General Notes:

1. Materials identified as Sample Number V9500 were either observed to be present or based on the construction of the building/equipment are likely present in concealed locations. These materials have not been sampled and are presumed to contain asbestos based on historical known use of asbestos. Sampling of these materials may be completed prior to disturbance.

2.3.1 Excluded Asbestos Materials

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

- Roofing felts and tar, mastics
- Floor Levelling Compound
- Ceramic tile setting compound
- Electrical components
- Mechanical packing, ropes, and gaskets
- Vermiculite
- Adhesives and duct mastics
- Vibration dampers on HVAC equipment
- Terrazzo
- Fire resistant doors
- Caulking and sealants on roof
- Firestopping
- Ropes and gaskets in cast-iron bell and spigot joints
- Sealants on pipe threads

3.0 METHODOLOGY

Pinchin conducted an assessment of previously identified ACM to evaluate the current condition of all accessible identified in the most recent assessment. The assessor made reference to any existing assessment or abatement reports (as provided by the Client).

As per the original scope of work, concealed locations such as ceiling spaces above solid ceilings, shafts and chases were accessed via existing access panels. Our investigation did not include demolition of



drywall or plaster walls to view concealed conditions. Structural items or exterior building finishes were not removed to determine the presence of concealed materials.

Sampling, assessment, or verification of materials listed as exclusions in previous reports was not conducted unless otherwise indicated.

Additional objectives included the following:

- Assessment of any rooms/areas that were inaccessible during the previous assessment (if access could be obtained).
- Documentation of any asbestos abatement that was performed since the last reassessment.

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

4.0 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.
3. Ministry of the Environment Regulation, R.R.O. 1990 Reg. 347 as amended.

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 CLOSURE

The data presented in the appendices is prepared by Pinchin's Hazardous Materials Inventory System (HMIS). The information can be made available for your real-time access through our secure web-based platform. Please contact your Pinchin representative to discuss HMIS solutions for management of your asbestos (and other hazardous materials) inventory.



Asbestos Reassessment

Susanna Moodie Public School, 376 Avonlough Road, Belleville, ON
Hastings and Prince Edward District School Board

May 31, 2024
Pinchin File: 0200584.085

Contact the undersigned should you have any questions.

Sincerely,

Pinchin Ltd.

Prepared by:

Reviewed by:

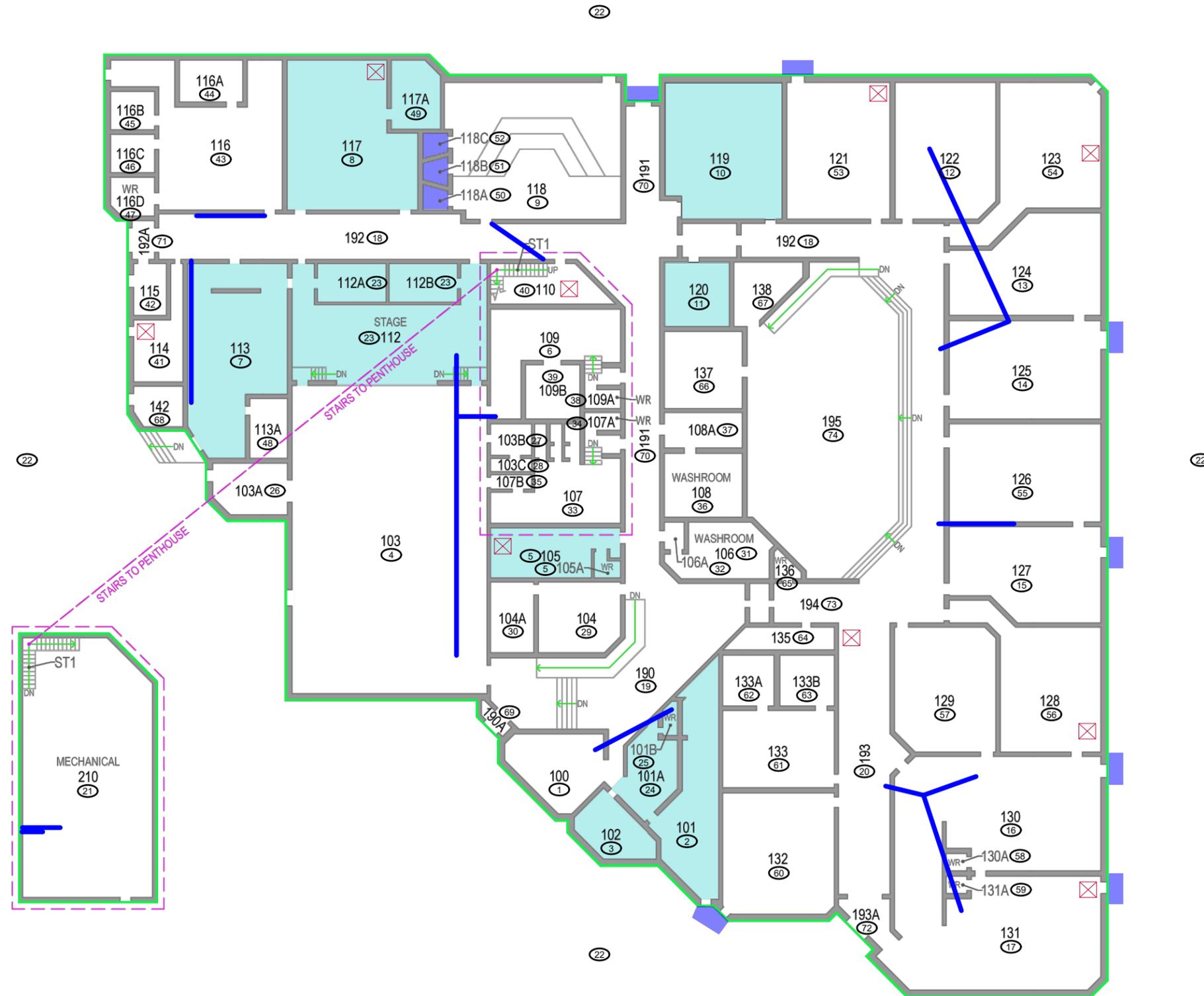
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Team Leader
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Encl:	APPENDIX I	Drawings
	APPENDIX II	Asbestos Analytical Certificates
	APPENDIX III	Methodology
	APPENDIX IV	Location Summary Report
	APPENDIX V	Confirmed / Presumed ACM Report
	APPENDIX VI	Photographs

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PS\200584.085 Susanna Moodie 376 AvonloughRdBellevilleON HPEDSB.docx
Template: Master Template Asbestos Reassessment, HMIS, HAZ, April 18, 2023

APPENDIX I
Drawings



- LEGEND**
- (X) PINCHIN LOCATION NUMBER
 - XXX ROOM NUMBER
 - ⊠ INTRUSIVE INSPECTION
 - PART OF BASE DRAWING, DOES NOT REFER TO ANY HAZARDOUS BUILDING MATERIALS

- ASBESTOS-CONTAINING MATERIALS:**
- VINYL FLOOR TILES
 - TRANSITE PANELS (PRESUMED)
 - TRANSITE RAIN WATER LEADERS (PRESUMED)

- NOTE:**
- CAULKING/SEALANTS ON THE ROOF ARE PRESUMED TO CONTAIN ASBESTOS.
 - ASBESTOS-CONTAINING BROWN CAULKING IS PRESENT ON EXTERIOR WINDOW AND DOOR FRAMES.

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

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

BASE PLAN PROVIDED BY CLIENT.



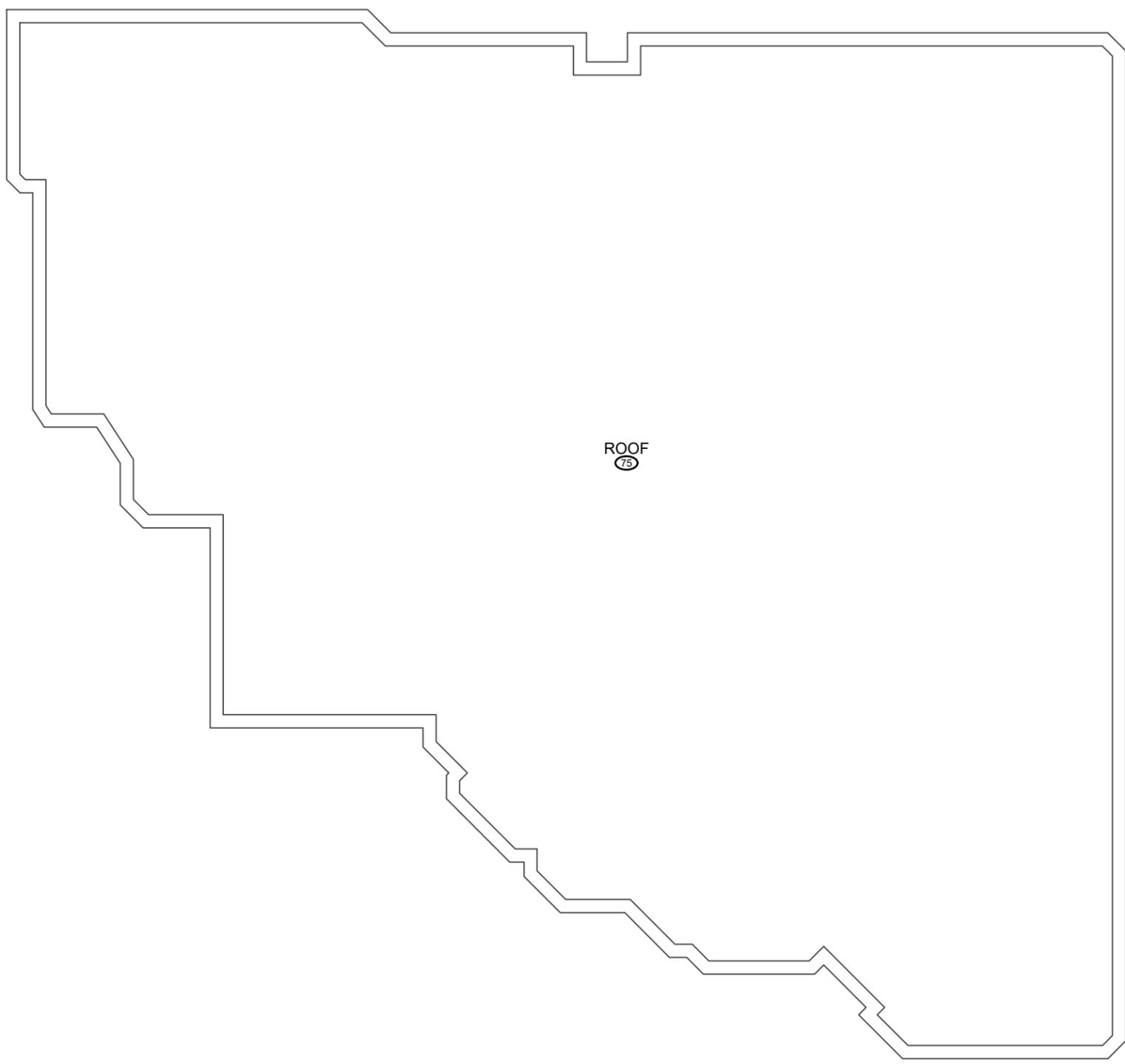
PROJECT NAME:
ASBESTOS REASSESSMENT

CLIENT NAME:
HASTINGS AND PRINCE EDWARD DISTRICT SCHOOL BOARD

PROJECT LOCATION:
SUSANNA MOODIE ES
376 AVONLOUGH ROAD
BELLEVILLE, ONTARIO

FIGURE NAME:
GROUND FLOOR

PROJECT NUMBER: 200584.085	SCALE: NOT TO SCALE
DRAWN BY: KS	REVIEWED BY: HM
DATE: MAY 2024	FIGURE NUMBER: 1 OF 2



LEGEND

-  PINCHIN LOCATION NUMBER
- XXX ROOM NUMBER
-  INTRUSIVE INSPECTION
-  PART OF BASE DRAWING, DOES NOT REFER TO ANY HAZARDOUS BUILDING MATERIALS
- ASBESTOS-CONTAINING MATERIALS:
-  VINYL FLOOR TILES
-  TRANSITE PANELS (PRESUMED)
-  TRANSITE RAIN WATER LEADERS (PRESUMED)

NOTE:

- CAULKING/SEALANTS ON THE ROOF ARE PRESUMED TO CONTAIN ASBESTOS.
- ASBESTOS-CONTAINING BROWN CAULKING IS PRESENT ON EXTERIOR WINDOW AND DOOR FRAMES.

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BASE PLAN PROVIDED BY CLIENT.



PROJECT NAME:
ASBESTOS REASSESSMENT

CLIENT NAME:
HASTINGS AND PRINCE EDWARD DISTRICT SCHOOL BOARD

PROJECT LOCATION:
SUSANNA MOODIE ES
376 AVONLOUGH ROAD
BELLEVILLE, ONTARIO

FIGURE NAME:
ROOF

PROJECT NUMBER: 200584.085 SCALE: NOT TO SCALE

DRAWN BY: KS REVIEWED BY: HM

DATE: MAY 2024 FIGURE NUMBER: 2 OF 2

APPENDIX II
Asbestos Analytical Certificates



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



NVLAP Lab Code: 200664-0

Customer: Pinchin Ltd.
1456 Centennial Drive Suite 2
Kingston, ON K7L 0A5

Attn: Glenn Hendry
Michael Harrett

Lab Order ID: 1704507
Analysis ID: 1704507_PLM
Date Received: 3/3/2017
Date Reported: 3/7/2017

Project: 200584.003, HPEDSB, Susan Moodie, 376 Avonlough Road, Belleville

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0001A	Brown caulking, north facing window	5% Chrysotile		95% Other	Brown Non Fibrous Homogeneous
1704507PLM_1					Ashed
0001B	Brown caulking, northeast facing window	Not Analyzed			
1704507PLM_2					
0001C	Brown caulking, south-central window	Not Analyzed			
1704507PLM_3					
0002A	Exterior canopy texture, northeast	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1704507PLM_4					Crushed
0002B	Exterior canopy texture, southeast	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1704507PLM_5					Crushed
0002C	Exterior canopy texture, southwest	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1704507PLM_6					Crushed
0003A	Expansion Joint Sealant, south	None Detected		100% Other	Gray Non Fibrous Homogeneous
1704507PLM_7					Ashed
0003B	Expansion Joint Sealant, south	None Detected		100% Other	Gray Non Fibrous Homogeneous
1704507PLM_8					Ashed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, 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%.

Bobby Wheatley (41)

Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



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Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0003C	Expansion Joint Sealant, south	None Detected		100% Other	Gray Non Fibrous Homogeneous
1704507PLM_9					Ashed
0004A	12" vinyl floor tile, grey with brown streak, stage	3% Chrysotile		97% Other	Gray Non Fibrous Homogeneous
1704507PLM_10	tile only				Dissolved
0004B - A	12" vinyl floor tile, grey with brown streak, Location 119	Not Analyzed			
1704507PLM_11	tile				
0004B - B	12" vinyl floor tile, grey with brown streak, Location 119	None Detected		100% Other	Black Non Fibrous Homogeneous
1704507PLM_31	mastic				Dissolved
0004C - A	12" vinyl floor tile, grey with brown streak, Location 117	Not Analyzed			
1704507PLM_12	tile				
0004C - B	12" vinyl floor tile, grey with brown streak, Location 117	None Detected		100% Other	Black Non Fibrous Homogeneous
1704507PLM_32	mastic				Dissolved
0005A - A	12" vinyl floor tile, off-white with beige fleck, Location 101	None Detected		100% Other	White Non Fibrous Homogeneous
1704507PLM_13	tile				Dissolved
0005A - B	12" vinyl floor tile, off-white with beige fleck, Location 101	None Detected		100% Other	Black Non Fibrous Homogeneous
1704507PLM_33	mastic				Dissolved

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Date Reported: 3/7/2017

Project: 200584.003, HPEDSB, Susan Moodie, 376 Avonlough Road, Belleville

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0005B - A	12" vinyl floor tile, off-white with beige fleck, Location 130	None Detected		100% Other	White Non Fibrous Homogeneous
1704507PLM_14	tile				Dissolved
0005B - B	12" vinyl floor tile, off-white with beige fleck, Location 130	None Detected		100% Other	Black Non Fibrous Homogeneous
1704507PLM_34	mastic				Dissolved
0005C - A	12" vinyl floor tile, off-white with beige fleck, Location 124	None Detected		100% Other	White Non Fibrous Homogeneous
1704507PLM_15	tile-ashed				Ashed
0005C - B	12" vinyl floor tile, off-white with beige fleck, Location 124	None Detected		100% Other	Black Non Fibrous Homogeneous
1704507PLM_35	mastic				Dissolved
0006A	2 x 4 lay-in acoustic ceiling tile, small and medium random pinholes (pink backin)	3% Amosite	40% Cellulose 37% Fiber Glass	20% Other	Gray Fibrous Heterogeneous
1704507PLM_16					Teased, Dissolved
0006B	2 x 4 lay-in acoustic ceiling tile, small and medium random pinholes (pink backin)	Not Analyzed			
1704507PLM_17					
0006C	2 x 4 lay-in acoustic ceiling tile, small and medium random pinholes (pink backin)	Not Analyzed			
1704507PLM_18					
0007A	Drywall joint compound, Location 136	None Detected		100% Other	White Non Fibrous Homogeneous
1704507PLM_19					Crushed

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Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



NVLAP Lab Code: 200664-0

Customer: Pinchin Ltd.
1456 Centennial Drive Suite 2
Kingston, ON K7L 0A5

Attn: Glenn Hendry
Michael Harrett

Lab Order ID: 1704507
Analysis ID: 1704507_PLM
Date Received: 3/3/2017
Date Reported: 3/7/2017

Project: 200584.003, HPEDSB, Susan Moodie, 376 Avonlough Road, Belleville

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0007B	Drywall joint compound, Location 130	None Detected		100% Other	White Non Fibrous Homogeneous
1704507PLM_20					Crushed
0007C	Drywall joint compound, Location 109	None Detected		100% Other	White Non Fibrous Homogeneous
1704507PLM_21					Crushed
0008A - A	Vinyl sheet flooring, white and grey flecks, Location 134	None Detected		100% Other	White Non Fibrous Homogeneous
1704507PLM_22	vinyl				Dissolved
0008A - B	Vinyl sheet flooring, white and grey flecks, Location 134	None Detected		100% Other	Yellow Non Fibrous Homogeneous
1704507PLM_36	mastic				Dissolved
0008B - A	Vinyl sheet flooring, white and grey flecks, Location 134	None Detected		100% Other	White Non Fibrous Homogeneous
1704507PLM_23	vinyl				Dissolved
0008B - B	Vinyl sheet flooring, white and grey flecks, Location 134	None Detected		100% Other	Yellow Non Fibrous Homogeneous
1704507PLM_37	mastic				Dissolved
0008C - A	Vinyl sheet flooring, white and grey flecks, Location 135	None Detected		100% Other	White Non Fibrous Homogeneous
1704507PLM_24	vinyl				Dissolved
0008C - B	Vinyl sheet flooring, white and grey flecks, Location 135	None Detected		100% Other	Yellow Non Fibrous Homogeneous
1704507PLM_38	mastic				Dissolved

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Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020



NVLAP Lab Code: 200664-0

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Analysis ID: 1704507_PLM
Date Received: 3/3/2017
Date Reported: 3/7/2017

Project: 200584.003, HPEDSB, Susan Moodie, 376 Avonlough Road, Belleville

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0009A - A	12" vinyl floor tile, brown with beige fleck, Location 121	None Detected		100% Other	Beige Non Fibrous Homogeneous
1704507PLM_25	tile				Dissolved
0009A - B	12" vinyl floor tile, brown with beige fleck, Location 121	None Detected		100% Other	Black Non Fibrous Homogeneous
1704507PLM_39	mastic				Dissolved
0009B - A	12" vinyl floor tile, brown with beige fleck, Location 104	None Detected		100% Other	Beige Non Fibrous Homogeneous
1704507PLM_26	tile				Dissolved
0009B - B	12" vinyl floor tile, brown with beige fleck, Location 104	None Detected		100% Other	Black Non Fibrous Homogeneous
1704507PLM_40	mastic				Dissolved
0009C - A	12" vinyl floor tile, brown with beige fleck, Location 104	None Detected		100% Other	Beige Non Fibrous Homogeneous
1704507PLM_27	tile-ashed				Ashed
0009C - B	12" vinyl floor tile, brown with beige fleck, Location 104	None Detected		100% Other	Black Non Fibrous Homogeneous
1704507PLM_41	mastic				Dissolved
0010A	Parging cement, hot water heating pipe, Mech Room above Location 110	None Detected	20% Fiber Glass	80% Other	Gray Fibrous Heterogeneous
1704507PLM_28					Teased
0010B	Parging cement, hot water heating pipe, Mech Room above Location 110	None Detected	20% Fiber Glass	80% Other	Gray Fibrous Heterogeneous
1704507PLM_29					Teased

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Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
0010C	Parging cement, hot water heating pipe, Mech Room above Location 110	None Detected	20% Fiber Glass	80% Other	Gray Fibrous Heterogeneous
1704507PLM_30					Teased

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1704507

Version 1-15-2012

Client: Pinchin Ltd.
Contact: Glenn Hendry
 135 Ontario Street, Unit# 1
 Kingston, ON K7L 0A5
Address:
Phone: 613-541-1013
Fax:
Email: ghendry@pinchin.com
 mharrett@pinchin.com
Project: 200584.003, HPEDSB, Susan
 Moodie, 376 Avonlough Road,
 Belleville
Client Notes:

P.O. #: 200584.003
Date Submitted: Mar. 2, 2017
Analysis: PLM - Stop Positive
TurnAroundTime: 4 days

***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:
 Contact name here
 Email address here


**Scientific
 Analytical
 Institute**

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

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

<<			
0001A		Brown caulking, north facing window	
0001B		Brown caulking, northeast facing window	
0001C		Brown caulking, south-central window	
0002A		Exterior canopy texture, northeast	
0002B		Exterior canopy texture, southeast	
0002C		Exterior canopy texture, southwest	
0003A		Expansion Joint Sealant, south	
0003B		Expansion Joint Sealant, south	
0003C		Expansion Joint Sealant, south	
0004A		12" vinyl floor tile, grey with brown streak, stage	
0004B		12" vinyl floor tile, grey with brown streak, Location 119	
0004C		12" vinyl floor tile, grey with brown streak, Location 117	
0005A		12" vinyl floor tile, off-white with beige fleck, Location 101	
0005B		12" vinyl floor tile, off-white with beige fleck, Location 130	
0005C		12" vinyl floor tile, off-white with beige fleck, Location 124	
0006A		2 x 4 lay-in acoustic ceiling tile, small and medium random pinholes (pink backing), Location 101	
0006B		2 x 4 lay-in acoustic ceiling tile, small and medium random pinholes (pink backing), Location 146	

Accepted

Rejected

All you 3-3
 10A

0006C	2 x 4 lay-in acoustic ceiling tile, small and medium random pinholes (pink backing), Location 118
0007A	Drywall joint compound, Location 136
0007B	Drywall joint compound, Location 130
0007C	Drywall joint compound, Location 109
0008A	Vinyl sheet flooring, white and grey flecks, Location 134
0008B	Vinyl sheet flooring, white and grey flecks, Location 134
0008C	Vinyl sheet flooring, white and grey flecks, Location 135
0009A	12" vinyl floor tile, brown with beige fleck, Location 121
0009B	12" vinyl floor tile, brown with beige fleck, Location 104
0009C	12" vinyl floor tile, brown with beige fleck, Location 104
0010A	Parging cement, hot water heating pipe, Mech Room above Location 110
0010B	Parging cement, hot water heating pipe, Mech Room above Location 110
0010C	Parging cement, hot water heating pipe, Mech Room above Location 110
>>	



TRANSMITTAL

TO: Scientific Analytical Institute
 4604 Dundas Drive
 Greensboro, NC
 27407

ATTENTION: Analytical Lab
 Phone Number: (336) 292-3888

COPIES TO:

FROM: E. Luong

PINCHIN FILE: (50%) (50%)

CLIENT FILE: 110951/200584.003

DATE: MAR 02 2017

SENT BY: COURIER:

- Same Day Courier
- Next Day Priority: 9 am 10 am 12 pm 5 pm Ground

PICKED UP: by

ITEM NO.	COPIES	DESCRIPTION
1		110951
2		200584.003 > PLM
3		201224 Lead

REMARKS:

SIGNATURE

E. Luong

1704507



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name:	HPEDSB, Susan Moodie, 376 Avonlough Road, Belleville		
Project No.:	0200584.003		
Prepared For:	G. Hendry / M. Harrett		
Lab Reference No.:	b172603		
Analyst(s):	A. Di Giulio		
Date Received:	July 4, 2017	# Samples submitted:	3
Date Analyzed:	July 4, 2017	# Phases analyzed:	8

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%	Manitoba	0.1% friable 1% non-friable
Quebec	0.1%	Saskatchewan	0.5% friable 1% non-friable
Alberta, NWT, Yukon, Nunavut	1%	Newfoundland and Labrador, PEI and New Brunswick	1%

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

Pinchin 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: HPEDSB, Susan Moodie, 376 Avonlough Road, Belleville
Project No.: 0200584.003
Prepared For: G. Hendry / M. Harrett

Lab Reference No.: b172603
Date Analyzed: July 4, 2017

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
0011A Roofing material, mechanical penthouse	a) Homogeneous, black, layered, tar impregnated, compressed fibrous material.	None Detected	Cellulose 50-75% Tar and other non- fibrous 25-50%
	b) Homogeneous, black, layered, tar material.	None Detected	Tar and other non- fibrous > 75%
Comments:	Man-made vitreous fibres are present on the surface of this sample.		
0011B Roofing material, mechanical penthouse	a) Homogeneous, black, layered, tar impregnated, compressed fibrous material.	None Detected	Cellulose 50-75% Tar and other non- fibrous 25-50%
	b) Homogeneous, black, layered, tar material.	None Detected	Tar and other non- fibrous > 75%
Comments:	Man-made vitreous fibres are present on the surface of this sample.		



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: HPEDSB, Susan Moodie, 376 Avonlough Road, Belleville
Project No.: 0200584.003
Prepared For: G. Hendry / M. Harrett

Lab Reference No.: b172603
Date Analyzed: July 4, 2017

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
0011C Roofing material, mechanical penthouse	4 Phases:		
	a) Homogeneous, black, layered, tar impregnated, compressed fibrous material.	None Detected	Cellulose 50-75% Tar and other non-fibrous 25-50%
	b) Homogeneous, black, layered, tar material.	None Detected	Tar and other non-fibrous > 75%
	c) Homogeneous, black, tar impregnated, compressed fibrous material.	None Detected	Cellulose > 75% Tar and other non-fibrous 10-25%
	d) Homogeneous, black, tar material.	None Detected	Tar and other non-fibrous > 75%
Comments:	Man-made vitreous fibres are present on the surface of this sample.		

Reviewed by:



Digitally signed
by Julieth Oran
Date: 2017.07.04
15:12:30 -04'00'

Reporting Analyst:



Digitally signed
by Julieth Oran
Date: 2017.07.04
15:12:16 -04'00'



Analyzed by: AD
 Reviewed by: JA
 Report Sent by: JR

**Pinchin Ltd.+A1:I20 - Asbestos Laboratory
 Internal Asbestos Bulk Sample Chain of Custody**

Client Name:	HPEDSB	Project Address:	376 Avonlough Road, Belleville
Portfolio/Building No:	Susan Moodie	Pinchin File:	200584.003
Submitted by:	Glenn Hendry	Email:	ghendry@pinchin.com
CC Results to:		CC Email:	mharrett@pinchin.com
Date Submitted:	June 26 2017	Required by:	June 27 2017
# of Samples:	3	Priority:	5 Day Turnaround RUSH
Year of Building Construction (Mandatory, Years ONLY):			
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):	Pinchin		

To be Completed by Lab Personnel Only:

Lab Reference #:	D172603	Time:	24 hour clock
Received by:	JR JUN 27 2017 - JUL 4th	Date:	Month Day Year
Name(s) of Analyst(s):	OREN		07/04/17

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
	0011	A	Roofing material, mechanical penthouse <u>AND BND</u>
	0011	B	Roofing material, mechanical penthouse <u>AND BND</u>
	0011	C	Roofing material, mechanical penthouse <u>AND BND AND BND</u>



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hastings and Prince Edward District School Board, Susanna Moodie Public School, 376 Avonlough Road, Belleville, Ontario
Project No.: 0200584.059
Prepared For: H. MacKillican / G. Hendry

Lab Reference No.:	b244346	Date Received:	January 19, 2021
Analyst(s):	W. Mirza	Date Analyzed:	January 22, 2021
		# Samples submitted:	7
		# Phases analyzed:	14

Method of Analysis:

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

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

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

The Pinchin Ltd. Mississauga asbestos laboratory is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples,' and the 'EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials'; and meets all requirements of ISO/IEC 17025:2017.

This report relates only to the items tested.

NOTE: *This test report may not be reproduced, except in full, without the written approval of the laboratory. The client may not use this report to claim product endorsement by NVLAP or any agency of the U.S. Government. This report is valid only when signed in blue ink by the analyst. Vinyl asbestos floor tiles contain very fine fibres of asbestos and may be missed by some laboratories using the PLM method. Internal verification studies performed by Pinchin indicate that the chance of missing asbestos in floor tiles is no higher than about 2%. The vinyl tile study and laboratory documentation on measurement uncertainty is available upon request. The analysis of dust samples by PLM cannot be used as an indicator of past or present airborne asbestos fibre levels.*



Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project Name: Hastings and Prince Edward District School Board, Susanna Moodie Public School, 376 Avonlough Road, Belleville, Ontario
Project No.: 0200584.059
Prepared For: H. MacKillican / G. Hendry
Lab Reference No.: b244346
Date Analyzed: January 22, 2021

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0012A Off-white paint on concrete block wall, exterior wall, Classroom 122	2 Phases: a) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, off-white, coating material.	None Detected	Non-Fibrous Material > 75%
S0012B Off-white paint on concrete block wall, interior wall, Classroom 119	2 Phases: a) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, coating material.	None Detected	Non-Fibrous Material > 75%
S0012C Off-white paint on concrete block wall, interior wall, Stage 112	2 Phases: a) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, off-white, coating material.	None Detected	Non-Fibrous Material > 75%
S0012D Off-white paint on concrete block wall, interior wall, Storage Room 120	2 Phases: a) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, off-white, coating material.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project Name: Hastings and Prince Edward District School Board, Susanna Moodie Public School, 376 Avonlough Road, Belleville, Ontario
Project No.: 0200584.059
Prepared For: H. MacKillican / G. Hendry
Lab Reference No.: b244346
Date Analyzed: January 22, 2021

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0012E Off-white paint on concrete block wall, exterior wall, Classroom 130	2 Phases: a) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, off-white, coating material.	None Detected	Non-Fibrous Material > 75%
S0012F Off-white paint on concrete block wall, exterior wall, Gym 103	2 Phases: a) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, off-white, coating material.	None Detected	Non-Fibrous Material > 75%
S0012G Off-white paint on concrete block wall, interior wall, Resource Room 113	2 Phases: a) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, off-white, coating material.	None Detected	Non-Fibrous Material > 75%

Reviewed by:

Digitally signed by
Julieth Oran
Date: 2021.01.25
14:50:51 -05'00'

Reporting Analyst:

Digitally signed
by Julieth Oran
Date: 2021.01.25
14:50:39 -05'00'



Analyzed by: WM
 Reviewed by: KB
 Report Sent by: RB

Special Instructions:

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

Client Name:	Hastings and Prince Edward District School Board	Project Address:	376 Avonlough Road, Belleville, Ontario
Portfolio/Building No:	Susanna Moodie Public School	Pinchin File:	200584.059
Submitted by:	Halie MacKillican	Email:	hmackillican@pinchin.com
CC Results to:	Glenn Hendry	CC Email:	ghendry@pinchin.com
	Jeanette Mccann		jmccann@pinchin.com
Invoice to:		Invoice Email:	
Date Submitted:	January 18 2021	Required by:	January 25 2021
# of Samples:	7	Priority:	5 Day Turnaround
Year of Building Construction (Mandatory Field):			
Do NOT Stop on Positive (Sample Numbers):		S0012A-G	
Pinchin Group Company (Mandatory Field):		Select	

To be Completed by Lab Personnel Only:			
Lab Reference #:	Time:	24 hour clock	
Received by:	Date:	Month	Day
Name(s) of Analyst(s):			
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0012	A	Off-white paint on concrete block wall, exterior wall, Classroom 122 <i>a) NO b) NO</i>
S	0012	B	Off-white paint on concrete block wall, interior wall, Classroom 119 <i>a) NO b) NO</i>
S	0012	C	Off-white paint on concrete block wall, interior wall, Stage 112 <i>a) NO b) NO</i>
S	0012	D	Off-white paint on concrete block wall, interior wall, Storage Room 120 <i>a) NO b) NO</i>
S	0012	E	Off-white paint on concrete block wall, exterior wall, Classroom 130 <i>a) NO b) NO</i>
S	0012	F	Off-white paint on concrete block wall, exterior wall, Gym 103 <i>a) NO b) NO</i>



Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0012	G	Off-white paint on concrete block wall, interior wall, Resource Room 113 a)ND b)ND



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project No.: 0200584.088
Prepared For: W. Watson

Lab Reference No.: b312873
Analyst(s): K. Cockburn

Date Received:	May 1, 2024	Samples Submitted:	2
Date Analyzed:	May 8, 2024	Phases Analyzed:	3

The Pinchin Ltd. Mississauga asbestos laboratory is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples,' and the 'EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials'; and meets all requirements of ISO/IEC 17025:2017. The Pinchin asbestos laboratory uses the aforementioned methods of analysis for all bulk materials. Please be advised that bulk materials do not include debris, dust, and tape-lift samples, and the analysis and reporting of these materials does not conform with Pinchin Ltd.'s NVLAP accreditation.

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

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

This report relates only to the items tested.

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



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project No.: 0200584.088
Prepared For: W. Watson
Lab Reference No.: b312873
Date Analyzed: May 8, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0007D Ceiling,All,Drywall And Joint Compound,Loc:61, Classroom	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0007E Ceiling,All,Drywall And Joint Compound,Loc:31, Washroom	a) Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, off-white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase b) is small in size. For more reliable results, a larger sample is required. Drywall is present on the surface of this sample.		

Reviewed by:

Digitally signed
by Pinchin Ltd.
Date: 2024.05.08
13:01:16-04'00'

Reporting Analyst:

Digitally signed
by Pinchin Ltd.
Date: 2024.05.08
13:00:54-04'00'

Analyzed by: XC
 Reviewed by: AB
 Report Sent by: AD

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

Client Name:		Project Address:	
Portfolio/Building No:		Pinchin File: 200584.088	
Submitted by:	Will Watson	Email:	wwatson@pinchin.com
CC Results to:	Laura Skoblenick	CC Email:	lskoblenick@pinchin.com
Date Submitted:	April 30 2024	Required by:	May 7 2024
# of Samples:	2	Priority:	5 Day Turnaround
Year of Building Construction (Mandatory, Years ONLY):		1979	
Do NOT Stop on Positive (Sample Numbers):		All Samples	
Pinchin Group Company (Mandatory Field):		Pinchin	
HMIS2 Building Reference #:		133116/20243292667451	
To be Completed by Lab Personnel Only: <u>b312973 au</u>			
Lab Reference #:	<u>MAY 01 2024</u>	Time:	24 hour clock
Received by:		Date:	Month Day Year
Name(s) of Analyst(s):		<u>XC 2024:05:08</u>	
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0007	D	Ceiling,All,Drywall And Joint Compound,Loc:61,Classroom <u>ND</u>
S	0007	E	Ceiling,All,Drywall And Joint Compound,Loc:31,Washroom <u>a) ND b) ND</u>

APPENDIX III
Methodology



1.0 GENERAL

Pinchin conducted an investigation of previously identified asbestos-containing materials (ACM) to evaluate the current condition of all accessible ACM identified in the most recent assessment.

The surveyor made reference to any existing assessment or abatement reports (as provided by the Client).

Materials listed as exclusions in the previous reports have remained as exclusions. Sampling, assessment or verification of excluded materials was not conducted.

Existing sampling data, where available, was reviewed and relied upon.

Analytical results were compared to the following criteria:

Jurisdiction	Friable	Non-Friable
Ontario	0.5%	0.5%

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

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

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

For a complete description of the Evaluation Criteria and Basis of Recommendations, refer to Annex A.

Template: Methodology for Asbestos Reassessment, HAZ, January 16, 2024

METHODOLOGY ANNEX A EVALUATION CRITERIA

1.0 EVALUATION CRITERIA AND BASIS OF RECOMMENDATIONS

The detailed asbestos assessment provides information regarding the location, condition, accessibility and friability of the asbestos-containing materials (ACM). In order to make recommendations for compliance with current regulations, Pinchin developed the following criteria.

2.0 EVALUATION OF CONDITION

2.1 Friable Sprayed or Trowelled Fireproofing, Thermal Insulation and Texture Finishes (Surfacing Materials)

To evaluate the condition of ACM sprayed or trowelled on fireproofing, sprayed or trowelled thermal insulation (non-mechanical), or texture, decorative or acoustic finishes, the following criteria are applied:

Good	Surface of material shows no significant signs of damage, deterioration or delamination. Good condition includes unencapsulated or unpainted fireproofing or texture finishes, where no or limited delamination or damage is observed, or encapsulated fireproofing or texture finishes where the encapsulant or paint has been applied after the damage or fallout occurred.
Poor	A sprayed material that shows signs of significant damage or is significantly delaminating or deteriorating. This may be limited to surface delamination or some portion of the substrate may be exposed.

In Locations where damage exists in isolated areas, both good and poor condition may be applicable. The extent of each condition will be recorded. Fair condition is not utilized in the evaluation of ACM sprayed or trowelled fireproofing, sprayed or trowelled thermal insulation (non-mechanical), or texture, decorative or acoustic finishes.

The evaluation of the above products above ceilings may be limited by the number of observations and by building components such as ducts or full height walls that obstruct the above ceiling observations.

2.2 Friable Mechanical or Thermal System Insulation (TSI)

To evaluate the condition of mechanical insulation on vessels, boilers, breeching, ducts, pipes, fan units, equipment etc. the following criteria are applied:

Good	Insulation is completely covered in jacketing and exhibits no evidence of damage or deterioration. No insulation is exposed. Includes conditions where the jacketing has minor damage (i.e. scuffs or stains), but the jacketing is not penetrated.
-------------	---

Fair	Minor penetrating damage to jacketed insulation (cuts, tears, nicks, deterioration or delamination) or undamaged insulation that has never been jacketed. Insulation is exposed but not showing surface disintegration. The extent of missing insulation ranges from minor to none. Damage can be repaired.
Poor	Original insulation jacket is missing, damaged, deteriorated or delaminated. Insulation is exposed and significant areas have been dislodged. Damage cannot be readily repaired. Includes components where insulation may have been removed incompletely.

The evaluation of mechanical insulation may be limited by the number of observations made and building components such as ducts or full height walls that obstruct observations. It is often not possible to observe each foot of mechanical insulation from all angles.

2.3 Potentially Friable Materials and Miscellaneous Friable Materials

Potentially friable ACM are products that are basically non-friable while in place but have the potential to generate friable dust upon removal or if significantly disturbed without appropriate procedures. These products may become friable if damaged. Potentially friable materials include materials such as acoustic ceiling tiles and plaster. To evaluate the condition of potentially friable materials, the following criteria are applied:

Good	No significant damage or deterioration. Still serving its intended use as a building material or finish.
Fair	Showing signs of some cracking or breakage, but is not deteriorating (e.g. cracked plaster, broken but in place ceiling tile, missing tile or section of plaster etc.). The condition is such that it is still serving its intended use as a building material or finish but may require repair for mainly cosmetic purposes.
Poor	Significant deterioration or breaking apart of the material. Material has deteriorated to the point it is not serving its intended use as building material or finish. Material has deteriorated to a point it has become friable. Normally potentially friable ACM in Poor condition is not repairable and requires at least localized removal and replacement.

2.4 Non-Friable Materials

Non-friable ACM cover a wide range of products with a wide variation in their tendency to release dust or asbestos fibres to the air. Many of these materials, (particularly where the matrix is an unweathered bitumen, asphalt or tar material) do not release fibres except in very unusual circumstances or during significant disturbance (e.g. use of abrasive power tools). Others with a cementitious matrix (asbestos-cement products) can more readily release dust due to abrasion, demolition, weathering, etc. The

potential for asbestos release from non-friable ACM is always lower than from friable ACM. To evaluate the condition of non-friable Materials, the following criteria are applied:

Good	No significant damage or deterioration. Still serving its intended use as a building material or finish.
Fair	Showing signs of some cracking or breakage but is not deteriorating (e.g. cracked vinyl floor tile, missing piece of tile or transite, etc.). The condition is such that it is still serving its intended use as a building material or finish but may require repair for mainly cosmetic purposes.
Poor	Significant deterioration or breaking apart of the material to the point at which it cannot be repaired, and it will require at least local removal. Material has deteriorated to the point it is not serving its intended use as building material or finish. Material may have deteriorated to a point where traffic or disturbance may cause it to become friable.

2.5 Evaluation of ACM Debris

The identification of the exact location or presence of debris on the top of ceiling tiles is limited by the number of observations made and the presence of building components such as ducts or full height walls that obstruct observations.

The presence of fallen or dislodged ACM is noted separately from the ACM source and is referred to as Debris. Debris may be friable if from a friable ACM source or a badly deteriorated non-friable ACM source. Debris may also be non-friable (such as fallen pieces of transite sheet or mastic fittings, or broken, dislodged floor tiles):

Debris	Debris may be friable or non-friable but is always identified as “debris” as the component of an observation and quantified as Poor condition.
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2.6 Evaluation of Presumed Asbestos-Containing Material (PACM)

Presumed asbestos-containing materials (PACM), are building materials that may contain asbestos but were not sampled or analyzed due to inaccessibility or the need to perform destructive testing to obtain a reasonable sample set. Evaluation of these materials is based on the assumption that these PACM are asbestos-containing.

A list of PACM is provided in the report and they are generally not included in the detailed room by room reports. Typically, they are excluded because they are inaccessible or present in very small quantities. If PACM are evaluated, Pinchin uses the criteria that correspond with the type (and friability) of the material listed above.

3.0 EVALUATION OF ACCESSIBILITY

The accessibility of building materials known or suspected of being ACM is rated according to the following criteria:

Access (A)	Common areas of the building within reach of all building users (approximately 8' - 9' from floor or standard ceiling height). Includes other areas where occupant activities may result in disturbance of material that is not normally within reach from floor level, but may be disturbed by common activities (e.g. gymnasiums, workshops, warehouses).
Access (B)	Areas of the building accessed primarily by Maintenance/Caretaking/Janitorial Staff and within reach without use of a ladder. Includes areas within reach in Boiler Rooms, Electrical Rooms, Janitors Closets, Elevator Rooms, Mechanical Rooms, etc. Includes materials within reach from fixed ladders or catwalks, mezzanines, and accessible pipe chases.
Access (C) and Visible	Areas of the building above 8' - 9' where use of a ladder or scaffold is required to reach the ACM. Only includes ACM that are visible to view without the removal or opening of other building components such as ceiling tiles or service access panels.
Access (C) and not Visible / Limited Visibility	Areas of the building above 8' - 9' where use of a ladder or scaffold is required to reach the ACM. Includes ACM that are not visible or partially visible to view and require the removal of a building component to see, such as ceilings tiles or access panels to view and access. Includes rarely entered crawl spaces, attic spaces, etc. Observations will be limited to the extent visible from the access points.
Access (D)	Areas of the building behind inaccessible solid ceiling systems, walls or equipment etc. where demolition of the ceiling, wall or equipment etc. is required to reach the ACM. Material inaccessible due to height or location or is only accessed under unusual situations. Evaluation of condition and extent of ACM is limited or impossible, depending on the surveyor's ability to visually examine materials in Access D.

4.0 ACTION MATRIX AND DEFINITIONS

Pinchin's evaluation of the viability of a specific asbestos control option is based on the consideration of the friability, condition, accessibility and visibility of a material. The logic used is that damaged ACM located in an area frequently accessed by all building occupants is of a higher priority than damaged ACM located in an infrequently accessed service area. The action matrix considers the potential for fibre release (primarily from friable ACM) and the possible concerns from regulatory bodies and many building occupants to all damaged ACM (including non-friable).

In any building with asbestos, many current regulations require an Asbestos Management Program be implemented. Depending on the condition and the accessibility, more active measures such as repair or removal may be recommended. The following matrix provides guidance for recommended Actions in the absence of renovation or demolition. In the event of construction or maintenance activity which will disturb ACM more aggressive control or removal will be required.

4.1 Action Matrix

The following tables outline the action decisions based on the relationship of assessed factors. Table I applies to friable ACM. Table II applies to non-friable ACM.

Table I Decision Matrix for Friable ACM

Access	Condition			Debris
	Good	Fair	Poor	
(A)	Action 5 ¹	Action 5 ²	Action 3	Action 1
(B)	Action 7	Action 6 ³	Action 3	Action 1
(C) Visible	Action 7	Action 6	Action 3	Action 2
(C) Not Visible / Limited Visibility	Action 7	Action 7	Action 4	Action 2
(D)	Action 7	Action 7	Action 7	Action 7

Table II Decision Matrix for Potentially Friable and Non-Friable ACM

Access	Condition			Debris
	Good	Fair	Poor	
(A)	Action 7	Action 7 ⁴	Action 3	Action 1
(B)	Action 7	Action 7	Action 3	Action 1
(C) Visible	Action 7	Action 7	Action 4	Action 2
(C) Not Visible / Limited Visibility	Action 7	Action 7	Action 4	Action 2
(D)	Action 7	Action 7	Action 7	Action 7

¹ If friable ACM in access (A)/Good condition is not proactively removed Action 7 (Manage) is recommended.

² If friable ACM in access (A)/Fair condition is not proactively removed repair is recommended.

³ If friable ACM in access (B)/Fair condition is likely to be disturbed after repair proactive removal is recommended.

⁴ Action 7 is recommended for all non-friable ACM in Fair condition however some clients may wish to repair or take some action primarily for cosmetic reasons

4.2 Action Definitions

The following are the definitions in the Action Matrix Table presented above:

Action Definitions	
Action 1	Clean-Up of ACM Debris Restrict access that is likely to cause a disturbance of the ACM Debris and clean up ACM Debris. Utilize appropriate asbestos precautions.
Action 2	Precautions for Access Which may Disturb ACM Debris Use appropriate means to isolate the debris or to limit entry to the area which may disturb the material. At locations where ACM Debris can remain in place in lieu of removal or clean-up (e.g. Debris on top of ceiling tiles or behind lockable door), Utilize appropriate asbestos precautions to enter the area if this will disturb debris. The precautions will be required until the ACM Debris has been cleaned up.
Action 3	ACM Removal Remove ACM. Utilize asbestos procedures appropriate to the scope of the removal work. Until it is removed, restrict access to the material so it is not disturbed.
Action 4	Precautions for Work Which may Disturb ACM in Poor Condition. Utilize appropriate asbestos precautions if ACM may be disturbed by work on or near ACM. This does not require restricting access to the area, only control of work which may contact or disturb the ACM. Removal is the only viable option if work will disturb ACM.
Action 5	Proactive ACM Removal Remove friable ACM where the presence of friable asbestos in Good condition is not desirable. If friable ACM in Fair condition is not removed, then Repair friable ACM.
Action 6	ACM Repair Repair friable ACM in Fair condition which is not likely to be damaged again or disturbed by normal use of the area or room. Pinchin recommends proactive removal if friable ACM is likely to be damaged or disturbed during normal use of the area or room.
Action 7	Asbestos Management Program with Routine Surveillance Implement an Asbestos Management Program, including routine surveillance of ACM. Reassess materials regularly (typically once per year).

Master Template: Methodology Annex A to Appendix I Evaluation Criteria, HAZ, April 3, 2024

APPENDIX IV
Location Summary Report

Client: Hastings and Prince Edward District School Board
Building Name: Susanna Moodie Elementary School
Survey Date: 2024-04-29
Building Phases: A: 1979

Site: 376 Avonlough Road, Belleville, ON
Last Re-Assessment:

Location No.	Name or Description	Area ft ²	Floor No.	Bldg. Phase	Notes
1	Main Office, room no. 100	150	1	A	
2	Staff Room, room no. 101	150	1	A	
3	Principal's Office, room no. 102	200	1	A	
4	Gym, room no. 103	3000	1	A	
5	Office, room no. 105	200	1	A	Includes Washroom 105A
6	Change Room, room no. 109	300	1	A	
7	Classroom, room no. 113	500	1	A	
8	Classroom, room no. 117	600	1	A	
9	Music Room, room no. 118	500	1	A	
10	Classroom, room no. 119	500	1	A	
11	Storage, room no. 120	100	1	A	
12	Classroom, room no. 122	300	1	A	
13	Classroom, room no. 124	300	1	A	
14	Classroom, room no. 125	300	1	A	
15	Classroom, room no. 127	250	1	A	
16	Classroom, room no. 130	400	1	A	
17	Classroom, room no. 131	300	1	A	
18	Corridor, room no. 192	300	1	A	Formerly Room 143
19	Lobby, room no. 190	300	1	A	Formerly Room 145
20	Corridor, room no. 193	400	1	A	Formerly Room 146
21	Mechanical Room, room no. 210	700	2	A	
22	Exterior	2000	1	A	
23	Stage, room no. 112	600	1	A	Formerly Room 103A. Includes Rooms 112A and 112B
24	Office, room no. 101A	150	1	A	Formerly Room 100
25	Washroom, room no. 101B	50	1	A	Formerly room 100
26	Storage, room no. 103A	100	1	A	
27	Storage, room no. 103B	60	1	A	
28	Storage, room no. 103C	40	1	A	
29	Classroom, room no. 104	150	1	A	
30	Storage, room no. 104A	80	1	A	
31	Washroom, room no. 106	100	1	A	
32	Vestibule, room no. 106A	40	1	A	
33	Changeroom, room no. 107	150	1	A	
34	Washroom, room no. 107A	60	1	A	
35	Storage, room no. 107B	40	1	A	
36	Washroom, room no. 108	150	1	A	
37	Vestibule, room no. 108A	80	1	A	
38	Washroom, room no. 109A	50	1	A	
39	Storage, room no. 109B	80	1	A	
40	Stairwell, room no. 110	60	1	A	
41	Storage, room no. 114	80	1	A	
42	Storage, room no. 115	60	1	A	Formerly Room 141
43	Classroom, room no. 116	200	1	A	Formerly Room 115
44	Storage, room no. 116A	80	1	A	
45	Storage, room no. 116B	70	1	A	
46	Storage, room no. 116C	70	1	A	
47	Washroom, room no. 116D	70	1	A	
48	Storage, room no. 113A	80	1	A	
49	Storage, room no. 117A	100	1	A	
50	Storage, room no. 118A	40	1	A	
51	Storage, room no. 118B	40	1	A	
52	Storage, room no. 118C	40	1	A	
53	Classroom, room no. 121	300	1	A	
54	Classroom, room no. 123	300	1	A	
55	Classroom, room no. 126	300	1	A	
56	Classroom, room no. 128	300	1	A	
57	Classroom, room no. 129	250	1	A	
58	Washroom, room no. 130A	40	1	A	
59	Washroom, room no. 131A	40	1	A	
60	Classroom, room no. 132	250	1	A	
61	Classroom, room no. 133	200	1	A	

Location No.	Name or Description	Area ft ²	Floor No.	Bldg. Phase	Notes
62	Storage, room no. 133A	80	1	A	Formerly Room 134
63	Storage, room no. 133B	80	1	A	Formerly Room 135
64	Storage, room no. 135	60	1	A	Formerly Room 136
65	Washroom, room no. 136	40	1	A	Formerly Room 140
66	Storage, room no. 137	100	1	A	
67	Storage, room no. 138	80	1	A	
68	Storage, room no. 142	80	1	A	
69	Vestibule, room no. 190A	50	1	A	
70	Corridor, room no. 191	500	1	A	Formerly Room 144
71	Vestibule, room no. 192A	50	1	A	
72	Vestibule, room no. 193A	60	1	A	
73	Corridor, room no. 194	500	1	A	
74	Atrium, room no. 195	600	1	A	Formerly Room 139
75	Roof	0	Roof	A	

APPENDIX V
Confirmed / Presumed ACM Report

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #1 : Main Office
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 1

Building Name: Susanna Moodie Elementary School
Room #: 100
Last Re-Assessment: 0000-00-00
Area (sqft): 150

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping	Rain Water Leader	Cement Product, Transite			C	Y		10(7)			LF	V9500	Presumed Asbestos		Presumed Asbestos	NF

Client: Hastings and Prince Edward District School Board
Location: #2 : Staff Room
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 1

Building Name: Susanna Moodie Elementary School
Room #: 101
Last Re-Assessment: 0000-00-00
Area (sqft): 150

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor	All	Vinyl Floor Tile, 12x12 Grey with brown streaks			A	Y		150(7)			SF	V0004	Chrysotile	0.5-5%	Confirmed Asbestos	NF

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #3 : Principal's Office
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 1

Building Name: Susanna Moodie Elementary School
Room #: 102
Last Re-Assessment: 0000-00-00
Area (sqft): 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor		Vinyl Floor Tile, 12x12 Grey with brown streaks			A	Y		200(7)			SF	S0004C	Chrysotile	0.5-5%	Confirmed Asbestos	NF

Client: Hastings and Prince Edward District School Board
Location: #4 : Gym
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 1

Building Name: Susanna Moodie Elementary School
Room #: 103
Last Re-Assessment: 0000-00-00
Area (sqft): 3000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping	Rain Water Leader	Cement Product, Transite			C	Y		80(7)			LF	V9500	Presumed Asbestos		Presumed Asbestos	NF

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #5 : Office
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 1

Building Name: Susanna Moodie Elementary School
Room #: 105
Last Re-Assessment: 0000-00-00
Area (sqft): 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor	All	Vinyl Floor Tile, 12x12 Grey with brown streaks			A	Y		200(7)			SF	V0004	Chrysotile	0.5-5%	Confirmed Asbestos	NF

Includes Washroom 105A

Client: Hastings and Prince Edward District School Board
Location: #6 : Change Room
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 1

Building Name: Susanna Moodie Elementary School
Room #: 109
Last Re-Assessment: 0000-00-00
Area (sqft): 300

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping	Rain Water Leader	Cement Product, Transite			C	N		10(7)			LF	V9500	Presumed Asbestos		Presumed Asbestos	NF

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #7 : Classroom
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 1

Building Name: Susanna Moodie Elementary School
Room #: 113
Last Re-Assessment: 0000-00-00

Area (sqft): 500

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor	All	Vinyl Floor Tile, 12x12 Grey with brown streaks			A	Y		500(7)			SF	V0004	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Piping	Rain Water Leader	Cement Product, Transite			C	N		20(7)			LF	V9500	Presumed Asbestos		Presumed Asbestos	NF

Client: Hastings and Prince Edward District School Board
Location: #8 : Classroom
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 1

Building Name: Susanna Moodie Elementary School
Room #: 117
Last Re-Assessment: 0000-00-00

Area (sqft): 600

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor	All	Vinyl Floor Tile, 12"x12", grey with brown streaks			A	Y		550(7)			SF	S0004C	Chrysotile	0.5-5%	Confirmed Asbestos	NF

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #10 : Classroom
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 1

Building Name: Susanna Moodie Elementary School
Room #: 119
Last Re-Assessment: 0000-00-00
Area (sqft): 500

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor	All	Vinyl Floor Tile, 12"x12", grey with brown streaks			A	Y		500(7)			SF	S0004B	Chrysotile	0.5-5%	Confirmed Asbestos	NF

Client: Hastings and Prince Edward District School Board
Location: #11 : Storage
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 1

Building Name: Susanna Moodie Elementary School
Room #: 120
Last Re-Assessment: 0000-00-00
Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor	All	Vinyl Floor Tile, 12"x12", grey with brown streaks			A	Y		100(7)			SF	V0004	Chrysotile	0.5-5%	Confirmed Asbestos	NF

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #12 : Classroom
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 1

Building Name: Susanna Moodie Elementary School
Room #: 122
Last Re-Assessment: 0000-00-00
Area (sqft): 300

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping	Rain Water Leader	Cement Product, Transite			C	N		15(7)			LF	V9500	Presumed Asbestos		Presumed Asbestos	NF

Client: Hastings and Prince Edward District School Board
Location: #13 : Classroom
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 1

Building Name: Susanna Moodie Elementary School
Room #: 124
Last Re-Assessment: 0000-00-00
Area (sqft): 300

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping	Rain Water Leader	Cement Product, Transite			C	N		15(7)			LF	V9500	Presumed Asbestos		Presumed Asbestos	NF

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #14 : Classroom
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 1

Building Name: Susanna Moodie Elementary School
Room #: 125
Last Re-Assessment: 0000-00-00
Area (sqft): 300

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping	Rain Water Leader	Cement Product, Transite			C	N		15(7)			LF	V9500	Presumed Asbestos		Presumed Asbestos	NF

Client: Hastings and Prince Edward District School Board
Location: #15 : Classroom
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 1

Building Name: Susanna Moodie Elementary School
Room #: 127
Last Re-Assessment: 0000-00-00
Area (sqft): 250

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping	Rain Water Leader	Cement Product, Transite			C	N		10(7)			LF	V9500	Presumed Asbestos		Presumed Asbestos	NF

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #16 : Classroom
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 1

Building Name: Susanna Moodie Elementary School
Room #: 130
Last Re-Assessment: 0000-00-00
Area (sqft): 400

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping	Rain Water Leader	Cement Product, Transite			C	N		50(7)			LF	V9500	Presumed Asbestos		Presumed Asbestos	NF

Client: Hastings and Prince Edward District School Board
Location: #17 : Classroom
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 1

Building Name: Susanna Moodie Elementary School
Room #: 131
Last Re-Assessment: 0000-00-00
Area (sqft): 300

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping	Rain Water Leader	Cement Product, Transite			C	N		10(7)			LF	V9500	Presumed Asbestos		Presumed Asbestos	NF

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #18 : Corridor
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 1

Building Name: Susanna Moodie Elementary School
Room #: 192
Last Re-Assessment: 0000-00-00

Area (sqft): 300

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping	Rain Water Leader	Cement Product, Transite			C	N		15(7)			LF	V9500	Presumed Asbestos		Presumed Asbestos	NF

Formerly Room 143

Client: Hastings and Prince Edward District School Board
Location: #19 : Lobby
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 1

Building Name: Susanna Moodie Elementary School
Room #: 190
Last Re-Assessment: 0000-00-00

Area (sqft): 300

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping	Rain Water Leader	Cement Product, Transite			C	N		20(7)			LF	V9500	Presumed Asbestos		Presumed Asbestos	NF

Formerly Room 145

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #20 : Corridor
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 1

Building Name: Susanna Moodie Elementary School
Room #: 193
Last Re-Assessment: 0000-00-00
Area (sqft): 400

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping	Rain Water Leader	Cement Product, Transite			C	N		10(7)			LF	V9500	Presumed Asbestos		Presumed Asbestos	NF

Formerly Room 146

Client: Hastings and Prince Edward District School Board
Location: #21 : Mechanical Room
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 2

Building Name: Susanna Moodie Elementary School
Room #: 210
Last Re-Assessment: 0000-00-00
Area (sqft): 700

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping	Rain Water Leader	Cement Product, Transite			C	Y		20(7)			LF	V9500	Presumed Asbestos		Presumed Asbestos	NF

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #22 : Exterior
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 1

Building Name: Susanna Moodie Elementary School
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 2000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Other	All	Cement Product, Transite panel			C	Y		40(7)			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Wall	Window	Caulking, Brown, windows/doors			A	Y		15(7)			LF	S0001ABC	Chrysotile	0.5-5%	Confirmed Asbestos	NF

Client: Hastings and Prince Edward District School Board
Location: #23 : Stage
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 1

Building Name: Susanna Moodie Elementary School
Room #: 112
Last Re-Assessment: 0000-00-00

Area (sqft): 600

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor	All	Vinyl Floor Tile, 12"x12", grey with brown streaks			A	Y		600(7)			SF	S0004A	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Piping	Rain Water Leader	Cement Product, Transite			C	Y		10(7)			LF	V9500	Presumed Asbestos		Presumed Asbestos	NF

Formerly Room 103A. Includes Rooms 112A and 112B

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #24 : Office
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 1

Building Name: Susanna Moodie Elementary School
Room #: 101A
Last Re-Assessment: 0000-00-00

Area (sqft): 150

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor	All	Vinyl Floor Tile, 12x12 Grey with brown streaks			A	Y		125(7)			SF	V0004	Chrysotile	0.5-5%	Confirmed Asbestos	NF

Formerly Room 100

Client: Hastings and Prince Edward District School Board
Location: #25 : Washroom
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 1

Building Name: Susanna Moodie Elementary School
Room #: 101B
Last Re-Assessment: 0000-00-00

Area (sqft): 50

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor	All	Vinyl Floor Tile, 12x12 Grey with brown streaks			A	Y		50(7)			SF	V0004	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Piping	Rain Water Leader	Cement Product, Transite			C	N		2(7)			LF	V9500	Presumed Asbestos		Presumed Asbestos	NF

Formerly room 100

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #49 : Storage
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 1

Building Name: Susanna Moodie Elementary School
Room #: 117A
Last Re-Assessment: 0000-00-00
Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor	All	Vinyl Floor Tile, 12x12 Grey with brown streaks			A	Y		50(7)			SF	V0004	Chrysotile	0.5-5%	Confirmed Asbestos	NF

Client: Hastings and Prince Edward District School Board
Location: #50 : Storage
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 1

Building Name: Susanna Moodie Elementary School
Room #: 118A
Last Re-Assessment: 0000-00-00
Area (sqft): 40

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Wall	All	Cement Product, Transite Panels		Wood	D	N		200(7)			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #51 : Storage
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 1

Building Name: Susanna Moodie Elementary School
Room #: 118B
Last Re-Assessment: 0000-00-00
Area (sqft): 40

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Wall	All	Cement Product, Transite Panels		Wood	D	N		200(7)			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF

Client: Hastings and Prince Edward District School Board
Location: #52 : Storage
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 1

Building Name: Susanna Moodie Elementary School
Room #: 118C
Last Re-Assessment: 0000-00-00
Area (sqft): 40

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Wall	All	Cement Product, Transite Panels		Wood	D	N		200(7)			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #54 : Classroom
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 1

Building Name: Susanna Moodie Elementary School
Room #: 123
Last Re-Assessment: 0000-00-00
Area (sqft): 300

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping	Rain Water Leader	Cement Product, Transite			C	N		2(7)			LF	V9500	Presumed Asbestos		Presumed Asbestos	NF

Client: Hastings and Prince Edward District School Board
Location: #58 : Washroom
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 1

Building Name: Susanna Moodie Elementary School
Room #: 130A
Last Re-Assessment: 0000-00-00
Area (sqft): 40

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping	Rain Water Leader	Cement Product, Transite			C	N		1(7)			LF	V9500	Presumed Asbestos		Presumed Asbestos	NF

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #59 : Washroom
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: 1

Building Name: Susanna Moodie Elementary School
Room #: 131A
Last Re-Assessment: 0000-00-00

Area (sqft): 40

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping	Rain Water Leader	Cement Product, Transite			C	N		1(7)			LF	V9500	Presumed Asbestos		Presumed Asbestos	NF

Client: Hastings and Prince Edward District School Board
Location: #75 : Roof
Survey Date: 2024-04-29

Site: 376 Avonlough Road, Belleville, ON
Floor: Roof

Building Name: Susanna Moodie Elementary School
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Other	All	Caulking			D	N		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF

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.
L	The material is partially visible to view when standing on the floor of the room and requires the removal of a building component (e.g. ceiling system or access panels) to view completely and access. Includes partially viewed access points to crawlspaces, attic spaces, etc. without entering. Observations are 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 a hazardous material, either by analytical results or by visible identification.
	The material is presumed to be a hazardous material, based on visual appearance, and was not sampled due to limited access or the non-destructive nature of 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 VI
Photographs



S0001A (Confirmed Asbestos), Wall, Window, Caulking, Brown, Exterior (Location #: 22)



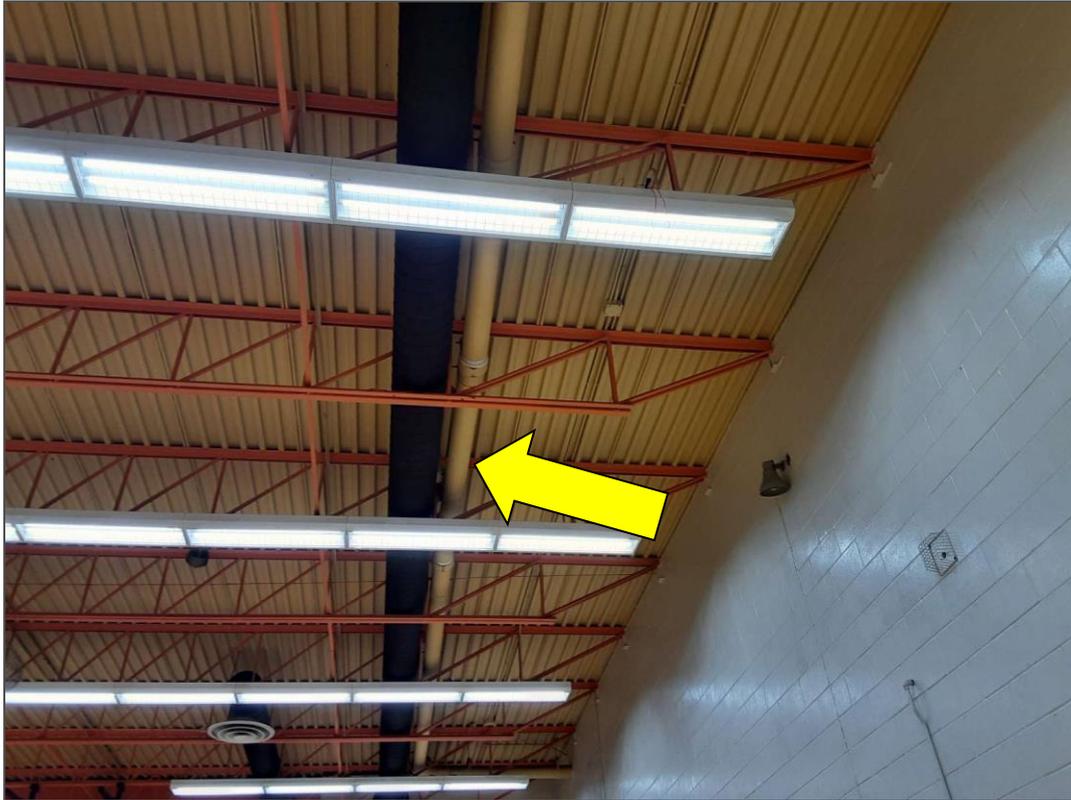
V0004 (Confirmed Asbestos), Floor, Vinyl Floor Tile and Mastic, 12x12 Grey with brown streaks, Storage (Location #: 11)



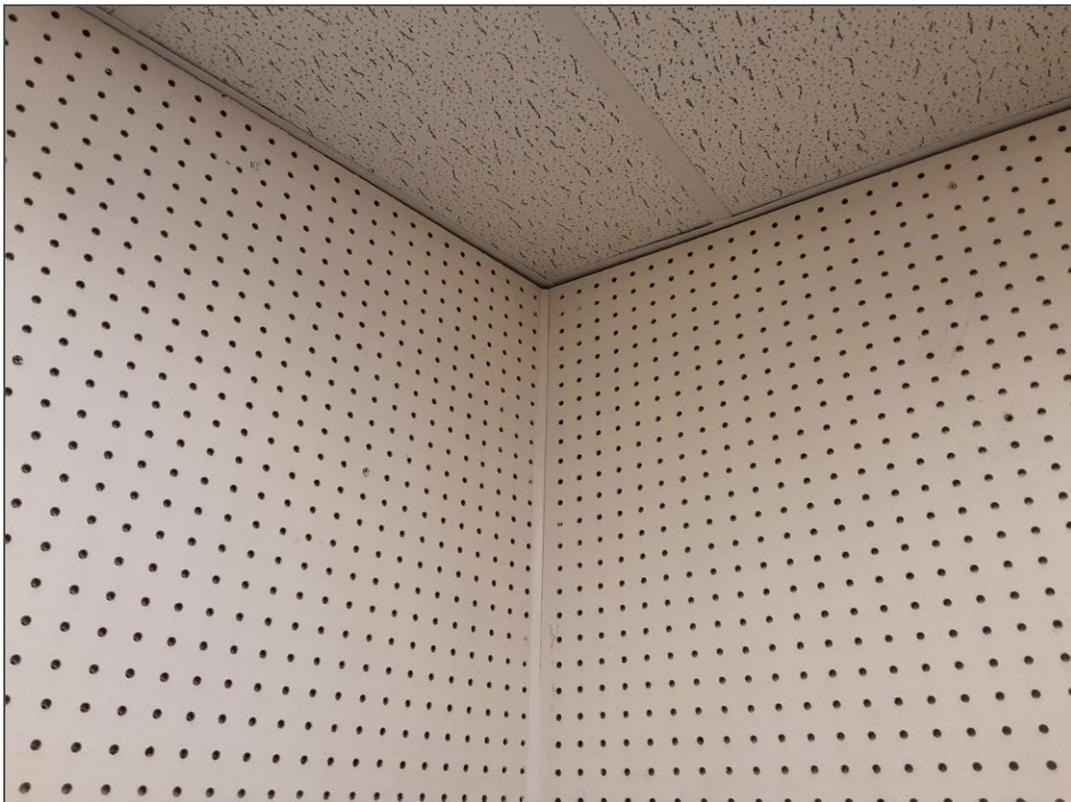
V0004 (Confirmed Asbestos), Floor, Vinyl Floor Tile and Mastic, 12x12 Grey with brown streaks, Classroom (Location #: 7)



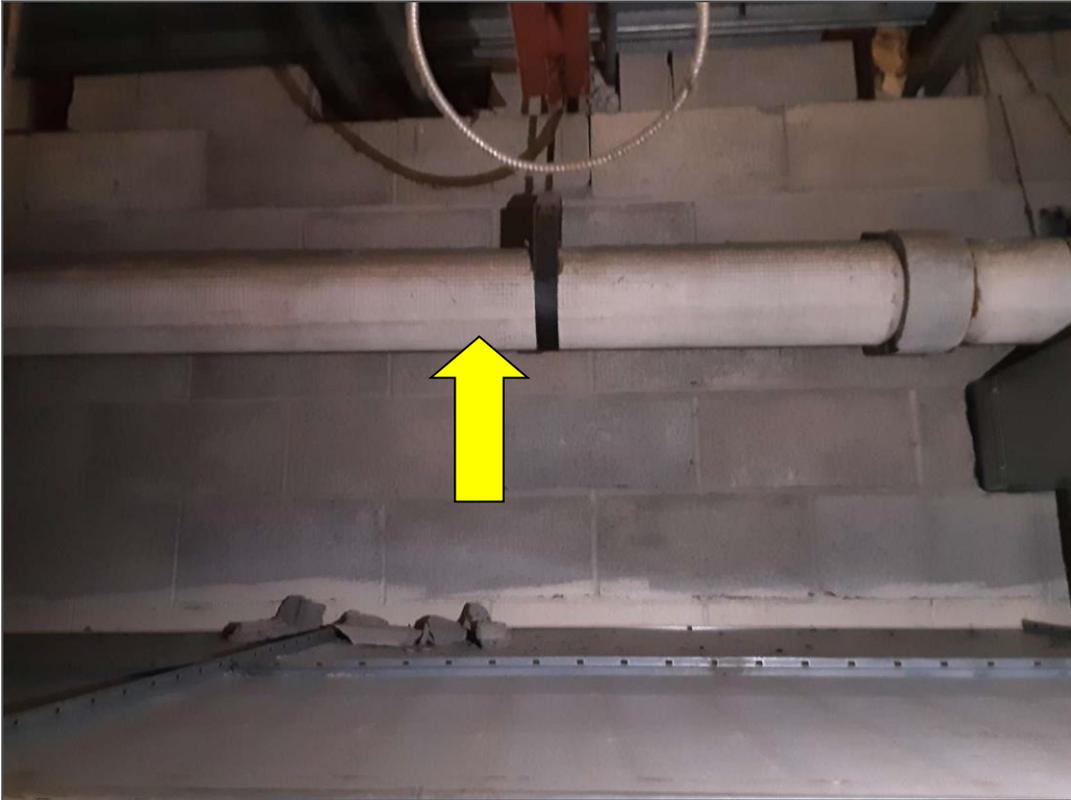
V9500 (Presumed Asbestos), Piping, Rain Water Leader, Cement Product (Transite), Stage (Location #: 23)



V9500 (Presumed Asbestos), Piping, Rain Water Leader, Cement Product (Transite), Gym (Location #: 4)



V9500 (Presumed Asbestos), Wall, Cement Product (Transite Panels), Concealed Behind Wood Pegboard, Storage (Location #: 51)



V9500 (Presumed Asbestos), Piping, Rain Water Leader, Cement Product (Transite), Classroom (Location #: 7)