



May 31, 2024

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

Re: Asbestos Reassessment

Centennial Secondary School, 160 Palmer Road, Belleville, ON
Pinchin File: 200584.085

Hastings and Prince Edward District School Board (Client) retained Pinchin Ltd. (Pinchin) to conduct an asbestos-containing materials (ACM) reassessment of Centennial Secondary School located at 160 Palmer Road, Belleville, ON.

Pinchin performed the assessment on March 14, 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 Further Assessment

- Assessment of the Inaccessible Locations identified in Section 2.3 should be performed for full compliance.



1.2 Remedial Work

The following remedial work is recommended due to the condition and location of the material. The work must be completed in compliance with procedures defined in applicable regulations, per the following work classifications:

System	Material Description	Quantities per Condition		Location Name, (Location No.)	Recommended Procedure
		Fair	Poor		
Piping	Parging Cement	1 EA (Valve)		120A (Loc. 1433)	Remove in accordance with Type 2 or Glove Bag asbestos abatement procedures
Piping	Parging Cement		1 EA (Valve)	152B (Loc. 1771)	Remove in accordance with Type 2 or Glove Bag asbestos abatement procedures
Piping	Parging Cement		1 EA (End)	134A (Loc. 1870)	Remove in accordance with Type 2 or Glove Bag asbestos abatement procedures
Piping	Parging Cement		1 EA (Elbow)	195 (Loc. 1950)	Remove in accordance with Type 2 or Glove Bag asbestos abatement procedures
Piping	Parging Cement		1 EA (Elbow)	198 (Loc. 1960)	Remove in accordance with Type 2 or Glove Bag asbestos abatement procedures
Piping	Debris, Parging Cement		2 SF	198 (Loc. 1960)	Remove in accordance with Type 2 or Glove Bag asbestos abatement procedures

1.3 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.



1.3.1.1 Texture Finish

If texture finish is to be disturbed use Type 3 procedures as outlined within Ontario Regulation 278/05. If only minor amounts of texture finish are to be disturbed (less than 1 square metre), Type 2 procedures would be applicable.

1.3.1.2 Pipe Insulation

If friable paring cement and tar pipe insulation is to be removed, remove minor amounts (less than 1 square metre) of asbestos-containing pipe insulations using Type 2 procedures as outlined within Ontario Regulation 278/05. If larger amounts of pipe insulation (greater than 1 square metre) are to be removed, use Type 3 procedures as outlined within Ontario Regulation 278/05. Alternately use Glove Bag Procedures as outlined within Ontario Regulation 278/05.

If jacketing over friable asbestos paring cement insulation is to be repaired (e.g. canvas and lagging), use Type 2 procedures as outlined within Ontario Regulation 278/05.

1.3.1.3 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.

1.3.1.4 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.

1.3.1.5 Caulking and Putty

If caulking and putty 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.

1.4 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).



Asbestos Reassessment

Centennial Secondary School, 160 Palmer Road, Belleville, ON
Hastings and Prince Edward District School Board

May 31, 2024

Pinchin File: 0200584.085

2.0 FINDINGS

2.1 Assessed Area Description Summary

Description Item	Details
Building Use	Secondary School
Floors Above Grade	2 plus a penthouse
Floors Below Grade	0
Total Area (square feet)	~200,000
Year of Construction	1967
Structure	Structural steel and concrete
Exterior Cladding	Brick, pre-cast concrete and sheet metal
HVAC	HVAC units in the penthouse and boiler with hot water heating to radiators
Roof	Not assessed
Flooring	Terrazzo, vinyl floor tiles, wood, ceramic tiles, carpet and exposed concrete
Wall and Ceiling Finishes	Drywall, plaster, wood sheeting, concrete block and acoustic ceiling tiles

2.2 Existing Reports

2.2.1 Review of Previous Reports

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

- *“Designated Substances and Hazardous Materials Survey, Centennial Secondary School, 160 Palmer Road, Belleville, ON”* prepared by Cambium Inc., dated April 21, 2017; Cambium File 6107-001.
- *“Asbestos Reassessment, Centennial Secondary School, 160 Palmer Road, Belleville, Ontario”* dated November 25, 2022, Pinchin File 200584.074.

2.2.2 Summary of New Information since the Previous Assessment

Based on reports reviewed, and observations made during the reassessment, no changes to the asbestos inventory have occurred since the last assessment.

2.3 Inaccessible Locations

The following locations were not accessible during the assessment:

Location Number	Location Name	Reason
2091	210	Formerly Room 209A – Key not provided



Asbestos Reassessment

Centennial Secondary School, 160 Palmer Road, Belleville, ON
Hastings and Prince Edward District School Board

May 31, 2024

Pinchin File: 0200584.085

2.4 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	Piping Elbow Mastic	Chrysotile	Yes	8 EA	Note 1 Over Parging Cement Insulation
S0004 ABCDE	Ceiling Texture Coat Grey	Chrysotile	Yes	200 SF	
S0005 ABCDE FG	Ceiling Texture Coat white	Chrysotile	Yes	4,000 SF	
S0006 ABD	Piping Elbow, Valve, Tee, End Parging Cement	Chrysotile	Yes	2 SF 827 EA	Note 1



Asbestos Reassessment

Centennial Secondary School, 160 Palmer Road, Belleville, ON
Hastings and Prince Edward District School Board

May 31, 2024

Pinchin File: 0200584.085

Sample Number	Material Description	Type of Asbestos	Confirmed Hazard	Total Quantity Present	Notes
V9000	Floor Vinyl Floor Tile VT-10, 12"x12", Grey, VT-9, 12"x12", Off-White, VT-6, 12"x12", Off-White with Black Marks, VT-5, 12"x12" Pale Green, VT-11, 9"x9" Olive, VT-7, 12"x12", Dark Grey with White Marks, VT-8, 12"x12", Tan with White and Brown Marks, VT-3, 9"x9", Beige, VT-2, 9"x9", Dark Grey, VT-1, 12"x12", Off-White with Fine Black Streaks, VT-4, 9"x9", Beige with Brown Streaks	Confirmed Asbestos	Yes	20,245 SF	Previous samples ASB-120-123.1-3, ASB 125-126. 1-3, ASB 130-131.1-3 and historic data
V9000	Other Caulking Grey/White, South and West Windows	Confirmed Asbestos	Yes	100 LF	Historic Data
V9000	Other Window Putty, White	Confirmed Asbestos	Yes	200 LF	Historic Data
V9500	Other Caulking Windows and Door Frames	Presumed Asbestos	Yes	100 LF	Throughout Building and Roof 3
V9500	Other Cement Product (Transite) Countertop, Fumehood	Presumed Asbestos	Yes	895 SF/4 EA	
V9500	Piping Cement Product (Transite)	Presumed Asbestos	Yes	26 LF	Note 2
V9500	Structure Canopy Cement Product (Transite)	Presumed Asbestos	Yes	60 SF	



Asbestos Reassessment

Centennial Secondary School, 160 Palmer Road, Belleville, ON
Hastings and Prince Edward District School Board

May 31, 2024

Pinchin File: 0200584.085

Sample Number	Material Description	Type of Asbestos	Confirmed Hazard	Total Quantity Present	Notes
V9500	Structure Roofing Material	Presumed Asbestos	Yes	100 %	

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. Pipes insulated with friable asbestos insulations may be present in inaccessible spaces such as above solid ceilings, in chases, in column enclosures and within shafts.
2. Additional Transite pipe may be present in inaccessible spaces such as above solid ceilings, buried underground, in chases, in column enclosures and within shafts.

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. Materials identified as Sample Number V9000 were observed to be present and were determined to contain asbestos based on previous analytical results, or labelling (e.g., Transite clearly labelled by the manufacturer).

2.4.1 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 not previously sampled
- Floor levelling compound
- Ceramic tile setting compound
- Electrical components
- Elevator and lift brakes
- Refractory materials and insulations in boilers, incinerators and stacks
- Insulation under metal clad boilers and vessels



- Mechanical packing, ropes and gaskets
- Vermiculite
- Adhesives and duct mastics
- Fibre-reinforced paints and coatings
- Paper products
- Fire resistant doors
- Vibration dampers on HVAC equipment
- Caulking and sealants on roof not previously sampled
- Caulking and sealants on window and door frames, exterior cladding and expansions joints not previously sampled
- Terrazzo
- Sealants on pipe threads
- Inaccessible/concealed materials

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.

Contact the undersigned should you have any questions.

Sincerely,

Pinchin Ltd.

Prepared by:

Reviewed by:

Katie Sullivan
Project Technologist
613.541.1013
ksullivan@pinchin.com

Halie MacKillican
Team Leader, Hazardous Materials
613.541.1013
hmackillican@pinchin.com



Asbestos Reassessment

Centennial Secondary School, 160 Palmer Road, Belleville, ON
Hastings and Prince Edward District School Board

May 31, 2024

Pinchin File: 0200584.085

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

\\pinchin.com\kgn\Job\200000s\0200584.000 HPEDSB,various,BellevilleON,HAZ,DSS\0200584.085 HPEDSB,VariousLocations,HAZ,ReAsmts\Deliverables\Centennial
SS\200584.085 Reasmt CentennialSS 160PalmerRdBellevilleON HPEDSB.docx
Template: Master Template Asbestos Reassessment, HMIS, HAZ, April 18, 2023

APPENDIX I
Drawings



LEGEND

- (X) PINCHIN LOCATION NUMBER
XXX ROOM NUMBER
NAR NO ACCESS TO ROOM/AREA
- ASBESTOS-CONTAINING MATERIALS:
- VINYL FLOOR TILES
 - GLAZING PUTTY
 - TEXTURE FINISH
 - ASBESTOS CEMENT PANELS (TRANSITE) (PRESUMED)
 - ASBESTOS CEMENT PIPE (PRESUMED)
 - THERMAL SYSTEM INSULATION
 - QUANTITY OF FITTINGS INSULATED WITH PARGING CEMENT
 - QUANTITY OF PIPE FITTINGS WITH BLACK MASTIC

NOTE:

- GREY CAULKING, CONTAINING CHRYSOTILE ASBESTOS, IS PRESENT ON SOUTH AND WEST EXTERIOR WINDOWS.
- CAULKING, PRESUMED TO CONTAIN ASBESTOS, IS PRESENT ON ROOF 3 WINDOWS AND EXTERIOR WINDOWS THROUGHOUT THE BUILDING.
- ROOFING MATERIALS AND CAULKING/SEALANTS ON ROOF 3 ARE PRESUMED TO CONTAIN ASBESTOS.

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:
CENTENNIAL SS
160 PALMER ROAD
BELLEVILLE, ONTARIO

FIGURE NAME:
FIRST FLOOR

PROJECT NUMBER: 200584.085	SCALE: NOT TO SCALE
DRAWN BY: KS	REVIEWED BY: HM
DATE: MAY 2024	FIGURE NUMBER: 1 OF 3



LEGEND

- (X) PINCHIN LOCATION NUMBER
XXX ROOM NUMBER
NAR NO ACCESS TO ROOM/AREA
- ASBESTOS-CONTAINING MATERIALS:
- VINYL FLOOR TILES
 - GLAZING PUTTY
 - TEXTURE FINISH
 - ASBESTOS CEMENT PANELS (TRANSITE) (PRESUMED)
 - ASBESTOS CEMENT PIPE (PRESUMED)
 - THERMAL SYSTEM INSULATION
 - QUANTITY OF FITTINGS INSULATED WITH PARGING CEMENT
 - QUANTITY OF PIPE FITTINGS WITH BLACK MASTIC

NOTE:

- GREY CAULKING, CONTAINING CHRYSOTILE ASBESTOS, IS PRESENT ON SOUTH AND WEST EXTERIOR WINDOWS.
- CAULKING, PRESUMED TO CONTAIN ASBESTOS, IS PRESENT ON ROOF 3 WINDOWS AND EXTERIOR WINDOWS THROUGHOUT THE BUILDING.
- ROOFING MATERIALS AND CAULKING/SEALANTS ON ROOF 3 ARE PRESUMED TO CONTAIN ASBESTOS.

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.



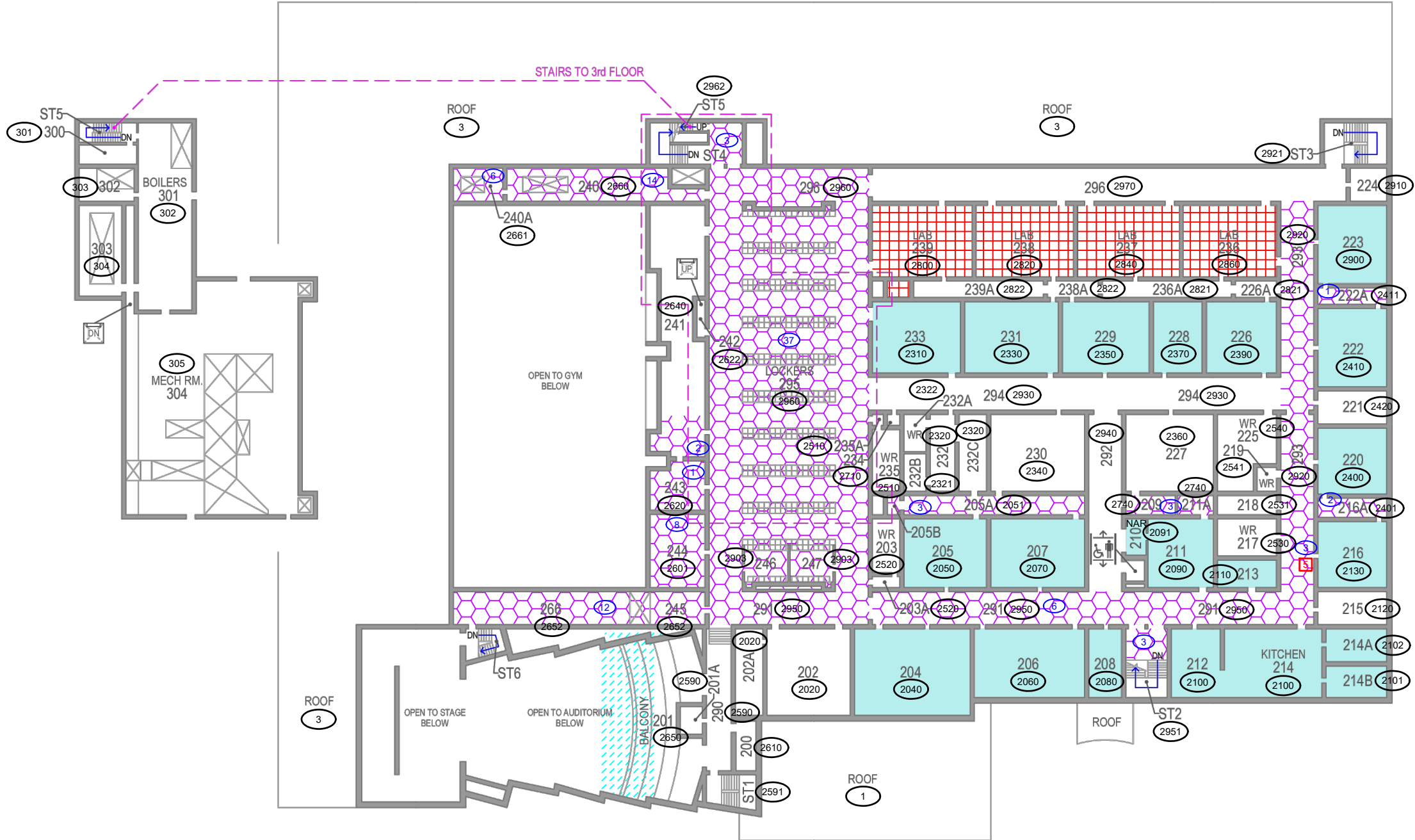
PROJECT NAME:
ASBESTOS REASSESSMENT

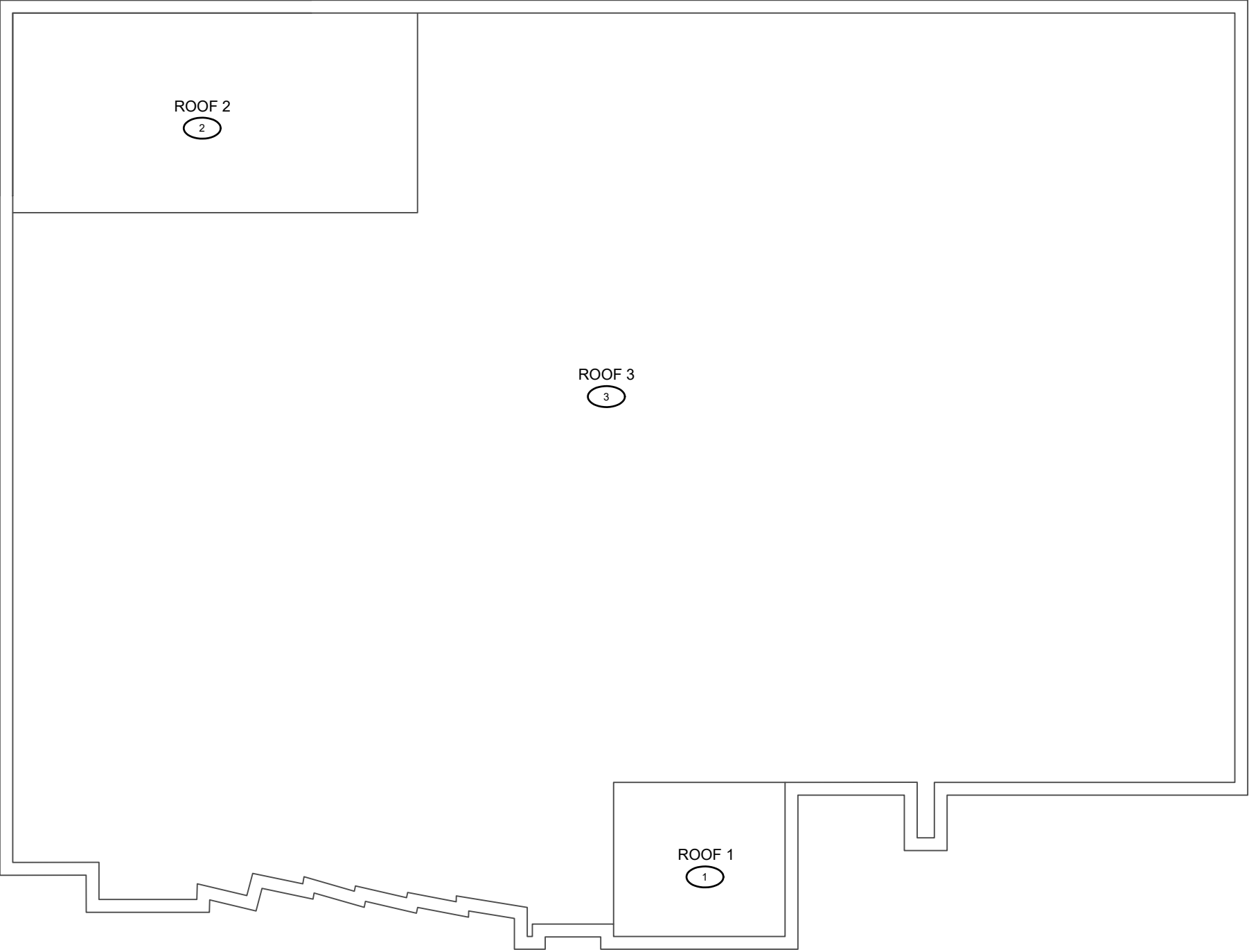
CLIENT NAME:
HASTINGS AND PRINCE EDWARD DISTRICT SCHOOL BOARD

PROJECT LOCATION:
CENTENNIAL SS
160 PALMER ROAD
BELLEVILLE, ONTARIO

FIGURE NAME:
SECOND/THRID FLOOR

PROJECT NUMBER: 200584.085	SCALE: NOT TO SCALE
DRAWN BY: KS	REVIEWED BY: HM
DATE: MAY 2024	FIGURE NUMBER: 2 OF 3





- LEGEND**
- (X) PINCHIN LOCATION NUMBER
 - XXX ROOM NUMBER
 - NAR NO ACCESS TO ROOM/AREA
 - ASBESTOS-CONTAINING MATERIALS:
 - [Light Blue Box] VINYL FLOOR TILES
 - [Blue Hatched Box] GLAZING PUTTY
 - [Cyan Hatched Box] TEXTURE FINISH
 - [Red Grid Box] ASBESTOS CEMENT PANELS (TRANSITE) (PRESUMED)
 - [Yellow Hatched Box] ASBESTOS CEMENT PIPE (PRESUMED)
 - [Purple Dotted Box] THERMAL SYSTEM INSULATION
 - (#) QUANTITY OF FITTINGS INSULATED WITH PARGING CEMENT
 - [Red Hash Box] QUANTITY OF PIPE FITTINGS WITH BLACK MASTIC

NOTE:

- GREY CAULKING, CONTAINING CHRYSOTILE ASBESTOS, IS PRESENT ON SOUTH AND WEST EXTERIOR WINDOWS.
- CAULKING, PRESUMED TO CONTAIN ASBESTOS, IS PRESENT ON ROOF 3 WINDOWS AND EXTERIOR WINDOWS THROUGHOUT THE BUILDING.
- ROOFING MATERIALS AND CAULKING/SEALANTS ON ROOF 3 ARE PRESUMED TO CONTAIN ASBESTOS.

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:
CENTENNIAL SS
160 PALMER 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: 3 OF 3

APPENDIX II
Asbestos Analytical Certificates

Your Project #: 200584.045
Site Location: 160 PALMER ROAD, BELLEVILLE, ON
Your C.O.C. #: N/A

Attention: Sarah Young

Pinchin Ltd
1456 Centennial Drive
Suite 2
Kingston, ON
CANADA K7P 0K4

Report Date: 2019/03/01
Report #: R5612102
Version: 3 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

MAXXAM JOB #: B944508

Received: 2019/02/20, 11:01

Sample Matrix: Solid
Samples Received: 33

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Reference
Asbestos by PLM - 0.5 RDL (1)	33	N/A	2019/02/26	COR3SOP-00002	EPA 600R-93/116

Remarks:

Maxxam Analytics' laboratories are accredited to ISO/IEC 17025:2005 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Maxxam are based upon recognized Provincial, Federal or US method compendia such as CCME, MDDELCC, EPA, APHA.

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

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

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

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

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

Maxxam Analytics' Asbestos Laboratory is accredited by NVLAP for bulk asbestos analysis by polarized light microscopy, NVLAP Code 600136-0.

This report may not be reproduced, except in full, without the written approval of Maxxam Analytics. This report may not be used by the client to claim product endorsement by NVLAP, NIST or any other agency of the U.S. Government.

Maxxam Analytics' scope of accreditation includes EPA-600/M4-82-020: "Interim Method for the Determination of Asbestos in Bulk Insulation Samples" and EPA-600/R-93/116: "Method for the Determination of Asbestos in Bulk Building Materials".

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

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

(1) P.O.B. - Percent of Bulk

Your Project #: 200584.045
Site Location: 160 PALMER ROAD, BELLEVILLE, ON
Your C.O.C. #: N/A

Attention: Sarah Young

Pinchin Ltd
1456 Centennial Drive
Suite 2
Kingston, ON
CANADA K7P 0K4

Report Date: 2019/03/01
Report #: R5612102
Version: 3 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

MAXXAM JOB #: B944508
Received: 2019/02/20, 11:01

Encryption Key



Antonella Brasil
Senior Project Manager
01 Mar 2019 10:58:59

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
Antonella Brasil, Senior Project Manager
Email: ABrasil@maxxam.ca
Phone# (905)817-5817

=====

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Maxxam Job #: B944508
Report Date: 2019/03/01

Pinchin Ltd
Client Project #: 200584.045
Site Location: 160 PALMER ROAD, BELLEVILLE, ON
Sampler Initials: HM

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A 0001 A- BLACK MASTIC ON TOP OF PARGING CEMENT PIPE ELBOW, ROOM 195

Maxxam ID: JAE836

Date Analyzed: 2019/02/25

	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous black mastic	Chrysotile 30%		Tar Non-Fibrous

A 0001 B- BLACK MASTIC ON TOP OF PARGING CEMENT PIPE ELBOW, ROOM 195

Maxxam ID: JAE837

Date Analyzed: 2019/02/25

	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1			N/A		
Comment: Not analyzed - positive stop					

A 0001 C- BLACK MASTIC ON TOP OF PARGING CEMENT PIPE ELBOW, ROOM 195

Maxxam ID: JAE838

Date Analyzed: 2019/02/25

	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1			N/A		
Comment: Not analyzed - positive stop					

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd

Maxxam Job #: B944508
Report Date: 2019/03/01

Pinchin Ltd
Client Project #: 200584.045
Site Location: 160 PALMER ROAD, BELLEVILLE, ON
Sampler Initials: HM

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A 0002 A- 1'X1' ACOUSTIC CEILING TILE AND BROWN MASTIC, SMALL PINHOLES AND SHORT FISSURES, ROOM 177D						
Maxxam ID: JAE839			Date Analyzed: 2019/02/25			
	P.O.B	Sample Morphology	Asbestos	Other Fibres		Particulate
Layer 1	50	Homogeneous off-white ceiling tile	Not Detected	Fibrous Glass	40%	Perlite
				Cellulose	45%	Non-Fibrous
Layer 2	50	Homogeneous brown mastic	Not Detected	Glass Fibres	1%	Non-Fibrous

A 0002 B- 1'X1' ACOUSTIC CEILING TILE AND BROWN MASTIC, SMALL PINHOLES AND SHORT FISSURES, ROOM 177D						
Maxxam ID: JAE840			Date Analyzed: 2019/02/25			
	P.O.B	Sample Morphology	Asbestos	Other Fibres		Particulate
Layer 1	70	Homogeneous off-white ceiling tile	Not Detected	Fibrous Glass	40%	Perlite
				Cellulose	45%	Non-Fibrous
Layer 2	30	Homogeneous brown mastic	Not Detected	Glass Fibres	1%	Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd

Maxxam Job #: B944508
Report Date: 2019/03/01

Pinchin Ltd
Client Project #: 200584.045
Site Location: 160 PALMER ROAD, BELLEVILLE, ON
Sampler Initials: HM

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A 0002 C- 1'X1' ACOUSTIC CEILING TILE AND BROWN MASTIC, SMALL PINHOLES AND SHORT FISSURES, ROOM 177D						
Maxxam ID: JAE841			Date Analyzed: 2019/02/25			
	P.O.B	Sample Morphology	Asbestos	Other Fibres		Particulate
Layer 1	70	Homogeneous off-white ceiling tile	Not Detected	Fibrous Glass	40%	Perlite
				Cellulose	45%	Non-Fibrous
Layer 2	30	Homogeneous brown mastic	Not Detected	Glass Fibres	1%	Non-Fibrous

A 0003 A- PLASTER ON WIRE MESH, CEILING, ROOM 177D						
Maxxam ID: JAE842			Date Analyzed: 2019/02/25			
	P.O.B	Sample Morphology	Asbestos	Other Fibres		Particulate
Layer 1	50	Homogeneous white plaster	Not Detected			Non-Fibrous
Layer 2	50	Homogeneous grey plaster	Not Detected			Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd

Maxxam Job #: B944508
Report Date: 2019/03/01

Pinchin Ltd
Client Project #: 200584.045
Site Location: 160 PALMER ROAD, BELLEVILLE, ON
Sampler Initials: HM

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A 0003 B- PLASTER ON WIRE MESH, CEILING, ROOM 177D						
Maxxam ID: JAE843		Date Analyzed: 2019/02/25				
	P.O.B	Sample Morphology	Asbestos		Other Fibres	Particulate
Layer 1	60	Homogeneous white plaster	Not Detected			Non-Fibrous
Layer 2	40	Homogeneous grey plaster	Not Detected			Non-Fibrous

A 0003 C- PLASTER ON WIRE MESH, CEILING, ROOM 177D						
Maxxam ID: JAE844		Date Analyzed: 2019/02/25				
	P.O.B	Sample Morphology	Asbestos		Other Fibres	Particulate
Layer 1	80	Homogeneous white plaster	Not Detected			Non-Fibrous
Layer 2	20	Homogeneous grey plaster	Not Detected			Non-Fibrous

A 0004 A- GREY TEXTURE FINISH ON PLASTER CEILING, ROOM 100						
Maxxam ID: JAE845		Date Analyzed: 2019/02/25				
	P.O.B	Sample Morphology	Asbestos		Other Fibres	Particulate
Layer 1	100	Homogeneous grey texture finish	Chrysotile	10%	Talc 1%	Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd

Maxxam Job #: B944508
Report Date: 2019/03/01

Pinchin Ltd
Client Project #: 200584.045
Site Location: 160 PALMER ROAD, BELLEVILLE, ON
Sampler Initials: HM

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A 0004 B- GREY TEXTURE FINISH ON PLASTER CEILING, ROOM 100					
Maxxam ID: JAE846		Date Analyzed: 2019/02/25			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1			N/A		
Comment: Not analyzed - positive stop					

A 0004 C- GREY TEXTURE FINISH ON PLASTER CEILING, ROOM 100					
Maxxam ID: JAE847		Date Analyzed: 2019/02/25			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1			N/A		
Comment: Not analyzed - positive stop					

A 0004 D- GREY TEXTURE FINISH ON PLASTER CEILING, ROOM 100					
Maxxam ID: JAE848		Date Analyzed: 2019/02/26			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1			N/A		
Comment: Not analyzed - positive stop					

A 0004 E- GREY TEXTURE FINISH ON PLASTER CEILING, ROOM 100					
Maxxam ID: JAE849		Date Analyzed: 2019/02/26			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1			N/A		
Comment: Not analyzed - positive stop					

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd

Maxxam Job #: B944508
Report Date: 2019/03/01

Pinchin Ltd
Client Project #: 200584.045
Site Location: 160 PALMER ROAD, BELLEVILLE, ON
Sampler Initials: HM

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A 0005 A- WHITE TEXTURE FINISH ON PLASTER CEILING, ROOM 161						
Maxxam ID: JAE850		Date Analyzed: 2019/02/26				
	P.O.B	Sample Morphology	Asbestos	Other Fibres		Particulate
Layer 1	100	Homogeneous white texture finish	Not Detected	Fibrous Glass	1%	Non-Fibrous

A 0005 B- WHITE TEXTURE FINISH ON PLASTER CEILING, ROOM 161						
Maxxam ID: JAE851		Date Analyzed: 2019/02/26				
	P.O.B	Sample Morphology	Asbestos	Other Fibres		Particulate
Layer 1	100	Homogeneous white texture finish	Not Detected	Fibrous Glass	1%	Non-Fibrous

A 0005 C- WHITE TEXTURE FINISH ON PLASTER CEILING, ROOM 161						
Maxxam ID: JAE852		Date Analyzed: 2019/02/26				
	P.O.B	Sample Morphology	Asbestos	Other Fibres		Particulate
Layer 1	100	Homogeneous white texture finish	Chrysotile 1%	Fibrous Glass	1%	Non-Fibrous

A 0005 D- WHITE TEXTURE FINISH ON PLASTER CEILING, ROOM 161					
Maxxam ID: JAE853		Date Analyzed: 2019/02/26			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1			N/A		
	Comment: Not analyzed - positive stop				

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd

Maxxam Job #: B944508
Report Date: 2019/03/01

Pinchin Ltd
Client Project #: 200584.045
Site Location: 160 PALMER ROAD, BELLEVILLE, ON
Sampler Initials: HM

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A 0005 E-WHITE TEXTURE FINISH ON PLASTER CEILING, ROOM 161					
Maxxam ID: JAE854		Date Analyzed: 2019/02/26			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1			N/A		
Comment: Not analyzed - positive stop					

A 0005 F- WHITE TEXTURE FINISH ON PLASTER CEILING, ROOM 265					
Maxxam ID: JAE855		Date Analyzed: 2019/02/26			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1			N/A		
Comment: Not analyzed - positive stop					

A 0005 G- WHITE TEXTURE FINISH ON PLASTER CEILING, ROOM 265					
Maxxam ID: JAE856		Date Analyzed: 2019/02/26			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1			N/A		
Comment: Not analyzed - positive stop					

A 0006 A- PARGING CEMENT INSULATION PRESENT ON PIPE TEE, ROOM 195					
Maxxam ID: JAE857		Date Analyzed: 2019/02/26			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous grey parging	Chrysotile 40%		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd

Maxxam Job #: B944508
Report Date: 2019/03/01

Pinchin Ltd
Client Project #: 200584.045
Site Location: 160 PALMER ROAD, BELLEVILLE, ON
Sampler Initials: HM

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A 0006 B- PARGING CEMENT INSULATION PRESENT ON PIPE ELBOW, ROOM 189

Maxxam ID: JAE858

Date Analyzed: 2019/02/26

	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1			N/A		
Comment: Not analyzed - positive stop					

A 0006 C- PARGING CEMENT INSULATION PRESENT ON PIPE ELBOW, ROOM 296

Maxxam ID: JAE859

Date Analyzed: 2019/02/26

	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1			N/A		
Comment: Not analyzed - positive stop					

A 0007 A- TAR PAPER PRESENT UNDER AIRCELL INSULATION ON STRAIGHT SECTION OF PIPE, ROOM 295

Maxxam ID: JAE860

Date Analyzed: 2019/02/26

	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	95	Homogeneous black tar paper	Not Detected	Cellulose 25%	Tar Non-Fibrous
Layer 2	5	Homogeneous tan insulation	Not Detected	Cellulose 70%	Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A 0007 B- TAR PAPER PRESENT UNDER AIRCELL INSULATION ON STRAIGHT SECTION OF PIPE, ROOM 295

Maxxam ID: JAE861		Date Analyzed: 2019/02/26			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous black tar paper	Not Detected	Cellulose 25%	Tar Non-Fibrous

A 0007 C- TAR PAPER PRESENT UNDER AIRCELL INSULATION ON STRAIGHT SECTION OF PIPE, ROOM 173

Maxxam ID: JAE862		Date Analyzed: 2019/02/26			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous black tar paper	Not Detected	Cellulose 25%	Tar Non-Fibrous

A 0008 A- SWEATWRAP INSULATION PRESENT ON STRAIGHT SECTION OF PIPE, ROOM 295

Maxxam ID: JAE863		Date Analyzed: 2019/02/26			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	60	Homogeneous tan sweatwrap insulation	Not Detected	Cellulose 60%	Non-Fibrous
Layer 2	40	Homogeneous black tar paper	Not Detected	Cellulose 60%	Tar Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd

Maxxam Job #: B944508
Report Date: 2019/03/01

Pinchin Ltd
Client Project #: 200584.045
Site Location: 160 PALMER ROAD, BELLEVILLE, ON
Sampler Initials: HM

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A 0008 B- SWEATWRAP INSULATION PRESENT ON STRAIGHT SECTION OF PIPE , ROOM 184 E

Maxxam ID: JAE864

Date Analyzed: 2019/02/26

	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	70	Homogeneous tan sweatwrap insulation	Not Detected	Cellulose 60%	Non-Fibrous
Layer 2	25	Homogeneous black tar paper	Not Detected	Cellulose 60%	Tar Non-Fibrous
Layer 3	5	Homogeneous grey parging	Chrysotile 40%	Cellulose 40%	Non-Fibrous

A 0008 C- SWEATWRAP INSULATION PRESENT ON STRAIGHT SECTION OF PIPE , ROOM 173

Maxxam ID: JAE865

Date Analyzed: 2019/02/26

	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	60	Homogeneous tan sweatwrap insulation	Not Detected	Cellulose 60%	Non-Fibrous
Layer 2	40	Homogeneous black tar paper	Not Detected	Cellulose 60%	Tar Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd

Maxxam Job #: B944508
Report Date: 2019/03/01

Pinchin Ltd
Client Project #: 200584.045
Site Location: 160 PALMER ROAD, BELLEVILLE, ON
Sampler Initials: HM

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A 0009 A- AIRCELL INSULATION PRESENT ON STRAIGHT SECTION OF PIPE, ROOM 172						
Maxxam ID: JAE866		Date Analyzed: 2019/02/26				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	100	Homogeneous brown insulation	Not Detected	Cellulose	70%	Non-Fibrous

A 0009 B- AIRCELL INSULATION PRESENT ON STRAIGHT SECTION OF PIPE, ROOM 195						
Maxxam ID: JAE867		Date Analyzed: 2019/02/26				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	100	Homogeneous brown insulation	Not Detected	Cellulose	70%	Non-Fibrous

A 0009 C- AIRCELL INSULATION PRESENT ON STRAIGHT SECTION OF PIPE, ROOM 195						
Maxxam ID: JAE868		Date Analyzed: 2019/02/26				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	100	Homogeneous brown insulation	Not Detected	Cellulose	70%	Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd

Maxxam Job #: B944508
Report Date: 2019/03/01

Pinchin Ltd
Client Project #: 200584.045
Site Location: 160 PALMER ROAD, BELLEVILLE, ON
Sampler Initials: HM

TEST SUMMARY

Maxxam ID: JAE836
Sample ID: A 0001 A- BLACK MASTIC ON TOP OF PARGING CEMENT PIPE ELBOW, ROOM 195
Matrix: Solid

Collected: 2019/02/15
Shipped:
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE836 Dup
Sample ID: A 0001 A- BLACK MASTIC ON TOP OF PARGING CEMENT PIPE ELBOW, ROOM 195
Matrix: Solid

Collected: 2019/02/15
Shipped:
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE837
Sample ID: A 0001 B- BLACK MASTIC ON TOP OF PARGING CEMENT PIPE ELBOW, ROOM 195
Matrix: Solid

Collected: 2019/02/15
Shipped:
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE838
Sample ID: A 0001 C- BLACK MASTIC ON TOP OF PARGING CEMENT PIPE ELBOW, ROOM 195
Matrix: Solid

Collected: 2019/02/15
Shipped:
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE839
Sample ID: A 0002 A- 1'X1' ACOUSTIC CEILING TILE AND BROWN MASTIC, SMALL PINHOLES AND SHORT PINHOLE, ROOM 177D
Matrix: Solid

Collected: 2019/02/15
Shipped:
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE840
Sample ID: A 0002 B- 1'X1' ACOUSTIC CEILING TILE AND BROWN MASTIC, SMALL PINHOLES AND SHORT PINHOLE, ROOM 177D
Matrix: Solid

Collected: 2019/02/15
Shipped:
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE841
Sample ID: A 0002 C- 1'X1' ACOUSTIC CEILING TILE AND BROWN MASTIC, SMALL PINHOLES AND SHORT PINHOLE, ROOM 177D
Matrix: Solid

Collected: 2019/02/15
Shipped:
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam Job #: B944508
Report Date: 2019/03/01

Pinchin Ltd
Client Project #: 200584.045
Site Location: 160 PALMER ROAD, BELLEVILLE, ON
Sampler Initials: HM

TEST SUMMARY

Maxxam ID: JAE842
Sample ID: A 0003 A- PLASTER ON WIRE MESH, CEILING, ROOM 177D
Matrix: Solid

Collected: 2019/02/15
Shipped:
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE843
Sample ID: A 0003 B- PLASTER ON WIRE MESH, CEILING, ROOM 177D
Matrix: Solid

Collected: 2019/02/15
Shipped:
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE844
Sample ID: A 0003 C- PLASTER ON WIRE MESH, CEILING, ROOM 177D
Matrix: Solid

Collected: 2019/02/15
Shipped:
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE845
Sample ID: A 0004 A- GREY TEXTURE FINISH ON PLASTER CEILING, ROOM 100
Matrix: Solid

Collected: 2019/02/15
Shipped:
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE845 Dup
Sample ID: A 0004 A- GREY TEXTURE FINISH ON PLASTER CEILING, ROOM 100
Matrix: Solid

Collected: 2019/02/15
Shipped:
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE846
Sample ID: A 0004 B- GREY TEXTURE FINISH ON PLASTER CEILING, ROOM 100
Matrix: Solid

Collected: 2019/02/15
Shipped:
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE847
Sample ID: A 0004 C- GREY TEXTURE FINISH ON PLASTER CEILING, ROOM 100
Matrix: Solid

Collected: 2019/02/15
Shipped:
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam Job #: B944508
Report Date: 2019/03/01

Pinchin Ltd
Client Project #: 200584.045
Site Location: 160 PALMER ROAD, BELLEVILLE, ON
Sampler Initials: HM

TEST SUMMARY

Maxxam ID: JAE848
Sample ID: A 0004 D- GREY TEXTURE FINISH ON PLASTER CEILING, ROOM 100
Matrix: Solid

Collected: 2019/02/15
Shipped:
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE849
Sample ID: A 0004 E- GREY TEXTURE FINISH ON PLASTER CEILING, ROOM 100
Matrix: Solid

Collected: 2019/02/15
Shipped:
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE850
Sample ID: A 0005 A- WHITE TEXTURE FINISH ON PLASTER CEILING, ROOM 161
Matrix: Solid

Collected: 2019/02/15
Shipped:
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE851
Sample ID: A 0005 B- WHITE TEXTURE FINISH ON PLASTER CEILING, ROOM 161
Matrix: Solid

Collected: 2019/02/15
Shipped:
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE852
Sample ID: A 0005 C- WHITE TEXTURE FINISH ON PLASTER CEILING, ROOM 161
Matrix: Solid

Collected: 2019/02/15
Shipped:
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE853
Sample ID: A 0005 D- WHITE TEXTURE FINISH ON PLASTER CEILING, ROOM 161
Matrix: Solid

Collected: 2019/02/15
Shipped:
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE854
Sample ID: A 0005 E-WHITE TEXTURE FINISH ON PLASTER CEILING, ROOM 161
Matrix: Solid

Collected: 2019/02/15
Shipped:
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam Job #: B944508
Report Date: 2019/03/01

Pinchin Ltd
Client Project #: 200584.045
Site Location: 160 PALMER ROAD, BELLEVILLE, ON
Sampler Initials: HM

TEST SUMMARY

Maxxam ID: JAE855
Sample ID: A 0005 F- WHITE TEXTURE FINISH ON PLASTER CEILING, ROOM 265
Matrix: Solid

Collected: 2019/02/15
Shipped:
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE856
Sample ID: A 0005 G- WHITE TEXTURE FINISH ON PLASTER CEILING, ROOM 265
Matrix: Solid

Collected: 2019/02/15
Shipped:
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE857
Sample ID: A 0006 A- PARGING CEMENT INSULATION PRESENT ON PIPE TEE, ROOM 195
Matrix: Solid

Collected: 2019/02/15
Shipped:
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE857 Dup
Sample ID: A 0006 A- PARGING CEMENT INSULATION PRESENT ON PIPE TEE, ROOM 195
Matrix: Solid

Collected: 2019/02/15
Shipped:
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE858
Sample ID: A 0006 B- PARGING CEMENT INSULATION PRESENT ON PIPE ELBOW, ROOM 189
Matrix: Solid

Collected: 2019/02/15
Shipped:
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE859
Sample ID: A 0006 C- PARGING CEMENT INSULATION PRESENT ON PIPE ELBOW, ROOM 296
Matrix: Solid

Collected: 2019/02/15
Shipped:
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE860
Sample ID: A 0007 A- TAR PAPER PRESENT UNDER AIRCELL INSULATION ON STRAIGHT SECTION OF PIPE ROOM 295
Matrix: Solid

Collected: 2019/02/15
Shipped:
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam Job #: B944508
Report Date: 2019/03/01

Pinchin Ltd
Client Project #: 200584.045
Site Location: 160 PALMER ROAD, BELLEVILLE, ON
Sampler Initials: HM

TEST SUMMARY

Maxxam ID: JAE861
Sample ID: A 0007 B- TAR PAPER PRESENT UNDER AIRCELL INSULATION ON STRAIGHT SECTION OF PIPE, ROOM 295
Matrix: Solid
Collected: 2019/02/15
Shipped: 2019/02/20
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE862
Sample ID: A 0007 C- TAR PAPER PRESENT UNDER AIRCELL INSULATION ON STRAIGHT SECTION OF PIPE, ROOM 173
Matrix: Solid
Collected: 2019/02/15
Shipped: 2019/02/20
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE863
Sample ID: A 0008 A- SWEATWRAP INSULATION PRESENT ON STRAIGHT SECTION OF PIPE , ROOM 295
Matrix: Solid
Collected: 2019/02/15
Shipped: 2019/02/20
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE864
Sample ID: A 0008 B- SWEATWRAP INSULATION PRESENT ON STRAIGHT SECTION OF PIPE , ROOM 184
Matrix: Solid
Collected: 2019/02/15
Shipped: 2019/02/20
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE865
Sample ID: A 0008 C- SWEATWRAP INSULATION PRESENT ON STRAIGHT SECTION OF PIPE , ROOM 173
Matrix: Solid
Collected: 2019/02/15
Shipped: 2019/02/20
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE866
Sample ID: A 0009 A- AIRCELL INSULATION PRESENT ON STRAIGHT SECTION OF PIPE, ROOM 172
Matrix: Solid
Collected: 2019/02/15
Shipped: 2019/02/20
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE866 Dup
Sample ID: A 0009 A- AIRCELL INSULATION PRESENT ON STRAIGHT SECTION OF PIPE, ROOM 172
Matrix: Solid
Collected: 2019/02/15
Shipped: 2019/02/20
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam Job #: B944508
Report Date: 2019/03/01

Pinchin Ltd
Client Project #: 200584.045
Site Location: 160 PALMER ROAD, BELLEVILLE, ON
Sampler Initials: HM

TEST SUMMARY

Maxxam ID: JAE867
Sample ID: A 0009 B- AIRCELL INSULATION PRESENT ON STRAIGHT SECTION OF PIPE, ROOM 195
Matrix: Solid

Collected: 2019/02/15
Shipped:
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam ID: JAE868
Sample ID: A 0009 C- AIRCELL INSULATION PRESENT ON STRAIGHT SECTION OF PIPE, ROOM 195
Matrix: Solid

Collected: 2019/02/15
Shipped:
Received: 2019/02/20

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	5990111	N/A	2019/02/26	Jasser Daoud

Maxxam Job #: B944508
Report Date: 2019/03/01

Pinchin Ltd
Client Project #: 200584.045
Site Location: 160 PALMER ROAD, BELLEVILLE, ON
Sampler Initials: HM

GENERAL COMMENTS

REvised Report (2019/02/28): Additional Asbestos run for samples A0008A-C, as per client request.

Revised Report (2019/03/01): ID locations changed for samples A0007C and A0008C from "172" to "173", as per client request.

Results relate only to the items tested.

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Banu Gurgen-Keough, Supervisor

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Your Project #: 200584.036
Site Location: 160 PALMER ROAD, BELLEVILLE, ONTARIO
Your C.O.C. #: N/A

Attention: Sarah Young

Pinchin Ltd
1456 Centennial Drive
Suite 2
Kingston, ON
CANADA K7P 0K4

Report Date: 2019/03/15

Report #: R5630786

Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B962213

Received: 2019/03/11, 08:45

Sample Matrix: Solid
Samples Received: 12

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Reference
Asbestos by PLM - 0.5 RDL (1)	12	N/A	N/A	COR3SOP-00002	EPA 600R-93/116

Remarks:

Maxxam Analytics' laboratories are accredited to ISO/IEC 17025:2005 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Maxxam are based upon recognized Provincial, Federal or US method compendia such as CCME, MDDELCC, EPA, APHA.

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

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

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

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

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

Maxxam Analytics' Asbestos Laboratory is accredited by NVLAP for bulk asbestos analysis by polarized light microscopy, NVLAP Code 600136-0.

This report may not be reproduced, except in full, without the written approval of Maxxam Analytics. This report may not be used by the client to claim product endorsement by NVLAP, NIST or any other agency of the U.S. Government.

Maxxam Analytics' scope of accreditation includes EPA-600/M4-82-020: "Interim Method for the Determination of Asbestos in Bulk Insulation Samples" and EPA-600/R-93/116: "Method for the Determination of Asbestos in Bulk Building Materials".

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

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

(1) P.O.B. - Percent of Bulk

Your Project #: 200584.036
Site Location: 160 PALMER ROAD, BELLEVILLE, ONTARIO
Your C.O.C. #: N/A

Attention: Sarah Young

Pinchin Ltd
1456 Centennial Drive
Suite 2
Kingston, ON
CANADA K7P 0K4

Report Date: 2019/03/15
Report #: R5630786
Version: 1 - Final

CERTIFICATE OF ANALYSIS

MAXXAM JOB #: B962213
Received: 2019/03/11, 08:45

Encryption Key



Ashton Gibson
Project Manager
15 Mar 2019 16:57:58

Please direct all questions regarding this Certificate of Analysis to your Project Manager.
Antonella Brasil, Senior Project Manager
Email: ABrasil@maxxam.ca
Phone# (905)817-5817

=====

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.

Maxxam Job #: B962213
Report Date: 2019/03/15

Pinchin Ltd
Client Project #: 200584.036
Site Location: 160 PALMER ROAD, BELLEVILLE, ONTARIO
Sampler Initials: HM

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A 0010 A WHITE TEXTURE FINISH ON PLASTER CEILING, ROOM 195A					
Maxxam ID: JDW560			Date Analyzed: 2019/03/14		
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white texture finish	Not Detected		Non-Fibrous

A 0010 B WHITE TEXTURE FINISH ON PLASTER CEILING, ROOM 195A					
Maxxam ID: JDW561			Date Analyzed: 2019/03/14		
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white texture finish	Not Detected		Non-Fibrous

A 0010 C WHITE TEXTURE FINISH ON PLASTER CEILING, ROOM 195A					
Maxxam ID: JDW562			Date Analyzed: 2019/03/14		
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white texture finish	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd

Maxxam Job #: B962213
Report Date: 2019/03/15

Pinchin Ltd
Client Project #: 200584.036
Site Location: 160 PALMER ROAD, BELLEVILLE, ONTARIO
Sampler Initials: HM

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A 0011 A BLACK MASTIC UNDER 9"X9" OLIVE VINYL FLOOR TILE, ROOM 160					
Maxxam ID: JDW563			Date Analyzed: 2019/03/14		
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous black mastic	Not Detected		Tar Non-Fibrous
Comment: Another layer is present but not analyzed as requested.					

A 0011 B BLACK MASTIC UNDER 9"X9" OLIVE VINYL FLOOR TILE, ROOM 166					
Maxxam ID: JDW564			Date Analyzed: 2019/03/14		
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous black mastic	Not Detected		Tar Non-Fibrous
Comment: Another layer is present but not analyzed as requested.					

A 0011 C BLACK MASTIC UNDER 9"X9" OLIVE VINYL FLOOR TILE, ROOM 176					
Maxxam ID: JDW565			Date Analyzed: 2019/03/14		
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous black mastic	Not Detected		Tar Non-Fibrous
Comment: Another layer is present but not analyzed as requested.					

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd

Maxxam Job #: B962213
Report Date: 2019/03/15

Pinchin Ltd
Client Project #: 200584.036
Site Location: 160 PALMER ROAD, BELLEVILLE, ONTARIO
Sampler Initials: HM

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A 0012 A BLACK MASTIC UNDER 12"X12" GREY VINYL FLOOR TILE, ROOM 110					
Maxxam ID: JDW566			Date Analyzed: 2019/03/14		
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous black mastic	Not Detected		Tar Non-Fibrous
Comment: Another layer is present but not analyzed as requested.					

A 0012 B BLACK MASTIC UNDER 12"X12" GREY VINYL FLOOR TILE, ROOM 233					
Maxxam ID: JDW567			Date Analyzed: 2019/03/14		
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous black mastic	Not Detected		Tar Non-Fibrous
Comment: Another layer is present but not analyzed as requested.					

A 0012 C BLACK MASTIC UNDER 12"X12" GREY VINYL FLOOR TILE, ROOM 240					
Maxxam ID: JDW568			Date Analyzed: 2019/03/14		
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous black mastic	Not Detected		Tar Non-Fibrous
Comment: Another layer is present but not analyzed as requested.					

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd

Maxxam Job #: B962213
Report Date: 2019/03/15

Pinchin Ltd
Client Project #: 200584.036
Site Location: 160 PALMER ROAD, BELLEVILLE, ONTARIO
Sampler Initials: HM

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

A 0013 A BLACK MASTIC UNDER 12"X12" OFF-WHITE VINYL FLOOR TILE, ROOM 110					
Maxxam ID: JDW569			Date Analyzed: 2019/03/14		
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous black mastic	Not Detected		Tar Non-Fibrous
Comment: Another layer is present but not analyzed as requested.					

A 0013 B BLACK MASTIC UNDER 12"X12" OFF-WHITE VINYL FLOOR TILE, ROOM 233					
Maxxam ID: JDW570			Date Analyzed: 2019/03/14		
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous black mastic	Not Detected		Tar Non-Fibrous
Comment: Another layer is present but not analyzed as requested.					

A 0013 C BLACK MASTIC UNDER 12"X12" OFF-WHITE VINYL FLOOR TILE, ROOM 240					
Maxxam ID: JDW571			Date Analyzed: 2019/03/14		
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous black mastic	Not Detected		Tar Non-Fibrous
Comment: Another layer is present but not analyzed as requested.					

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd

Maxxam Job #: B962213
Report Date: 2019/03/15

Pinchin Ltd
Client Project #: 200584.036
Site Location: 160 PALMER ROAD, BELLEVILLE, ONTARIO
Sampler Initials: HM

TEST SUMMARY

Maxxam ID: JDW560
Sample ID: A 0010 A WHITE TEXTURE FINISH ON PLASTER CEILING, ROOM 195A
Matrix: Solid

Collected: 2019/03/07
Shipped:
Received: 2019/03/11

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6018076	N/A		Jasser Daoud

Maxxam ID: JDW561
Sample ID: A 0010 B WHITE TEXTURE FINISH ON PLASTER CEILING, ROOM 195A
Matrix: Solid

Collected: 2019/03/07
Shipped:
Received: 2019/03/11

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6018076	N/A		Jasser Daoud

Maxxam ID: JDW561 Dup
Sample ID: A 0010 B WHITE TEXTURE FINISH ON PLASTER CEILING, ROOM 195A
Matrix: Solid

Collected: 2019/03/07
Shipped:
Received: 2019/03/11

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6018076	N/A		Jasser Daoud

Maxxam ID: JDW562
Sample ID: A 0010 C WHITE TEXTURE FINISH ON PLASTER CEILING, ROOM 195A
Matrix: Solid

Collected: 2019/03/07
Shipped:
Received: 2019/03/11

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6018076	N/A		Jasser Daoud

Maxxam ID: JDW563
Sample ID: A 0011 A BLACK MASTIC UNDER 9"X9" OLIVE VINYL FLOOR TILE, ROOM 160
Matrix: Solid

Collected: 2019/03/07
Shipped:
Received: 2019/03/11

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6018076	N/A		Jasser Daoud

Maxxam ID: JDW564
Sample ID: A 0011 B BLACK MASTIC UNDER 9"X9" OLIVE VINYL FLOOR TILE, ROOM 166
Matrix: Solid

Collected: 2019/03/07
Shipped:
Received: 2019/03/11

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6018076	N/A		Jasser Daoud

Maxxam ID: JDW565
Sample ID: A 0011 C BLACK MASTIC UNDER 9"X9" OLIVE VINYL FLOOR TILE, ROOM 176
Matrix: Solid

Collected: 2019/03/07
Shipped:
Received: 2019/03/11

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6018076	N/A		Jasser Daoud

Maxxam Job #: B962213
Report Date: 2019/03/15

Pinchin Ltd
Client Project #: 200584.036
Site Location: 160 PALMER ROAD, BELLEVILLE, ONTARIO
Sampler Initials: HM

TEST SUMMARY

Maxxam ID: JDW566
Sample ID: A 0012 A BLACK MASTIC UNDER 12"X12" GREY VINYL FLOOR TILE, ROOM 110
Matrix: Solid

Collected: 2019/03/07
Shipped:
Received: 2019/03/11

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6018076	N/A		Jasser Daoud

Maxxam ID: JDW567
Sample ID: A 0012 B BLACK MASTIC UNDER 12"X12" GREY VINYL FLOOR TILE, ROOM 233
Matrix: Solid

Collected: 2019/03/07
Shipped:
Received: 2019/03/11

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6018076	N/A		Jasser Daoud

Maxxam ID: JDW568
Sample ID: A 0012 C BLACK MASTIC UNDER 12"X12" GREY VINYL FLOOR TILE, ROOM 240
Matrix: Solid

Collected: 2019/03/07
Shipped:
Received: 2019/03/11

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6018076	N/A		Jasser Daoud

Maxxam ID: JDW569
Sample ID: A 0013 A BLACK MASTIC UNDER 12"X12" OFF-WHITE VINYL FLOOR TILE, ROOM 110
Matrix: Solid

Collected: 2019/03/07
Shipped:
Received: 2019/03/11

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6018076	N/A		Jasser Daoud

Maxxam ID: JDW570
Sample ID: A 0013 B BLACK MASTIC UNDER 12"X12" OFF-WHITE VINYL FLOOR TILE, ROOM 233
Matrix: Solid

Collected: 2019/03/07
Shipped:
Received: 2019/03/11

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6018076	N/A		Jasser Daoud

Maxxam ID: JDW571
Sample ID: A 0013 C BLACK MASTIC UNDER 12"X12" OFF-WHITE VINYL FLOOR TILE, ROOM 240
Matrix: Solid

Collected: 2019/03/07
Shipped:
Received: 2019/03/11

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6018076	N/A		Jasser Daoud

Maxxam ID: JDW571 Dup
Sample ID: A 0013 C BLACK MASTIC UNDER 12"X12" OFF-WHITE VINYL FLOOR TILE, ROOM 240
Matrix: Solid

Collected: 2019/03/07
Shipped:
Received: 2019/03/11

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	6018076	N/A		Jasser Daoud

Maxxam Job #: B962213
Report Date: 2019/03/15

Pinchin Ltd
Client Project #: 200584.036
Site Location: 160 PALMER ROAD, BELLEVILLE, ONTARIO
Sampler Initials: HM

GENERAL COMMENTS

Results relate only to the items tested.

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by the following individual(s).



Banu Gurgen-Keough, Supervisor

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports. For Service Group specific validation please refer to the Validation Signature Page.



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project No.:	0200584.074		
Prepared For:	C. Wright / H. MacKillican / L. Skoblenick		
Lab Reference No.:	b275156		
Analyst(s):	C. Luong		
Date Received:	July 18, 2022	# Samples submitted:	3
Date Analyzed:	July 22, 2022	# Phases analyzed:	3

Method of Analysis:

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

Bulk samples are checked visually and scanned under a stereomicroscope. Slides are prepared and observed under a Polarized Light Microscope (PLM) at magnifications of 40X, 100X or 400X as appropriate. Asbestos fibres are identified by a combination of morphology, colour, refractive index, extinction, sign of elongation, birefringence and dispersion staining colours. A visual estimate is made of the percentage of asbestos present. A reported concentration of less than (<) the regulatory threshold 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 No.: 0200584.074
Prepared For: C. Wright / H. MacKillican / L. Skoblenick

Lab Reference No.: b275156
Date Analyzed: July 22, 2022

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0014A Ceiling, Mastic, 12x12 Glued On, Random Fissures, Loc:1120, 112	Homogeneous, brown, hard, mastic material.	None Detected	Non-Fibrous Material > 75%
Comments:	Another phase is present but was not analyzed as requested.		
S0014B Ceiling, Mastic, 12x12 Glued On, Random Fissures, Loc:1120, 112	Homogeneous, brown, hard, mastic material.	None Detected	Non-Fibrous Material > 75%
Comments:	Another phase is present but was not analyzed as requested.		
S0014C Ceiling, Mastic, 12x12 Glued On, Random Fissures, Loc:1120, 112	Homogeneous, brown, hard, mastic material.	None Detected	Non-Fibrous Material > 75%
Comments:	Another phase is present but was not analyzed as requested.		

Reviewed by:

Digitally signed by
Cheryl Hendsbee
Date: 2022.07.22
13:55:25-04'00'

Reporting Analyst:

Digitally signed by
Cheryl Hendsbee
Date: 2022.07.22
13:55:12-04'00'

** analyze adhesive only **

Analyzed by: C.L.
 Reviewed by: JOB
 Report Sent by: CP

Client Name:		Project Address:	
Portfolio/Building No:		Pinchin File: 200584.074	
Submitted by: Chris Wright		Email: cwright@pinchin.com	
CC Results to: Halie MacKillican Laura Skoblenick		CC Email: hmakillican@pinchin.com lskoblenick@pinchin.com	
Date Submitted:	July 15 2022	Required by:	July 22 2022
# of Samples:	3	Priority:	Regular Turnaround
Year of Building Construction (Mandatory, Years ONLY):			
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):		Pinchin	
HMIS2 Building Reference #:		108081/202261291660029	
To be Completed by Lab Personnel Only:			
Lab Reference #: 6275156 X9		Time: 24 hour clock	
Received by: JUL 18 2022		Date: Month Day Year	
Name(s) of Analyst(s): C.L.		July 22 2022	
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0014	A	Ceiling,Mastic,12x12 Glued On, Random Fissures,Loc:1120,112 NO
S	0014	B	Ceiling,Mastic,12x12 Glued On, Random Fissures,Loc:1120,112 NO
S	0014	C	Ceiling,Mastic,12x12 Glued On, Random Fissures,Loc:1120,112 NO

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.
---------------	--

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: Centennial Secondary School
Survey Date:
Building Phases: A: 1967

Site: 160 Palmer Road, Belleville, ON
Last Re-Assessment: 2024-04-17

Location No.	Name or Description	Area ft ²	Floor No.	Bldg. Phase	Notes
0	Exterior	0		A	
1	Roof 1	0		A	
2	Roof 2	0		A	
3	Roof 3	0		A	
301	300, room no. 300	0	3	A	Formerly Room 301
302	Boiler Room 301, room no. 301	0	3	A	Formerly Room 302
303	302, room no. 302	0	3	A	Formerly Room 303
304	303, room no. 303	0	3	A	Formerly Room 304
305	304, room no. 304	0	3	A	Formerly Room 305 and 306
1000	102, room no. 102	0	1	A	Formerly Room 100
1001	102A, room no. 102A	0	1	A	Formerly Room 100A
1002	102A, room no. 102A	0	1	A	Formerly Room 100B
1003	102B, room no. 102B	0	1	A	Formerly Room 100C
1010	105, room no. 105	0	1	A	Formerly Room 101
1011	103, room no. 103	0	1	A	Formerly Room 101A
1012	107, room no. 107	0	1	A	Formerly Room 101B
1013	107B, room no. 107B	0	1	A	Formerly Room 101C
1014	105D, room no. 105D	0	1	A	Formerly Room 101D
1015	107A, room no. 107A	0	1	A	Formerly Room 101E
1016	107C, room no. 107C	0	1	A	Formerly Room 101F
1017	105C, room no. 105C	0	1	A	Formerly Room 101G
1018	103A, room no. 103A	0	1	A	Formerly Room 101H
1019	105A, room no. 105A	0	1	A	Formerly Room 101I, Includes 105B
1020	104, room no. 104	0	1	A	Formerly Room 102
1030	100, room no. 100	0	1	A	Formerly Room 103. Includes Room 100A
1040	106, room no. 106	0	1	A	Formerly Room 104. Includes Room 106A
1060	108, room no. 108	0	1	A	Formerly Room 106
1080	109, room no. 109	0	1	A	Formerly Room 108
1090	112, room no. 112	0	1	A	Formerly Room 109
1091	112A, room no. 112A	0	1	A	Formerly Room 109A
1092	112B, room no. 112B	0	1	A	Formerly Room 109B
1093	112C, room no. 112C	0	1	A	Formerly Room 109C
1094	112D, room no. 112D	0	1	A	Formerly Room 109D
1100	113, room no. 113	0	1	A	Formerly Room 110
1110	114, room no. 114	0	1	A	Formerly Room 111. Includes 114A
1111	114B, room no. 114B	0	1	A	Formerly Room 111A
1120	115, room no. 115	0	1	A	Formerly Room 112
1121	115A, room no. 115A	0	1	A	Formerly Room 112A
1122	115B, room no. 115B	0	1	A	Formerly Room 112B
1130	117, room no. 117	0	1	A	Formerly Room 113
1131	117A, room no. 117A	0	1	A	Formerly Room 113A and 140A
1140	116, room no. 116	0	1	A	Formerly Room 114
1300	130, room no. 130	0	1	A	
1310	129, room no. 129	0	1	A	Formerly Room 131
1311	129A, room no. 129A	0	1	A	Formerly Room 131A
1312	131, room no. 131	0	1	A	Formerly Room 175
1330	128, room no. 128	0	1	A	Formerly Room 133
1331	140A, room no. 140A	0	1	A	Formerly Room 133A. Includes a part of 126A
1340	127, room no. 127	0	1	A	Formerly Room 134. Includes Room 127A-G
1350	126, room no. 126	0	1	A	Formerly Room 135
1360	124, room no. 124	0	1	A	Formerly Room 136
1361	111, room no. 111	0	1	A	Formerly Room 136A
1370	125, room no. 125	0	1	A	Formerly Room 137
1380	122, room no. 122	0	1	A	Formerly Room 138
1381	122A, room no. 122A	0	1	A	Formerly Room 138A
1400	118, room no. 118	0	1	A	Formerly Room 140
1410	119, room no. 119	0	1	A	Formerly Room 141. Includes 119A
1430	120, room no. 120	0	1	A	Formerly Room 143. Includes Room 120C
1431	120D, room no. 120D	0	1	A	Formerly Room 143A
1432	120B, room no. 120B	0	1	A	Formerly Room 143B
1433	120A, room no. 120A	0	1	A	Formerly Room 143C
1500	145, room no. 145	0	1	A	Formerly Room 150

Location No.	Name or Description	Area ft ²	Floor No.	Bldg. Phase	Notes
1510	146, room no. 146	0	1	A	Formerly Room 151
1530	123, room no. 123	0	1	A	Formerly Room 153
1540	121, room no. 121	0	1	A	Formerly Room 154
1550	157, room no. 157	0	1	A	Formerly Room 155. Includes Rooms 157A-C
1560	162, room no. 162	0	1	A	Formerly Room 156, Includes 162A
1561	163, room no. 163	0	1	A	Formerly Room 156A, Includes 163A
1570	158, room no. 158	0	1	A	Formerly Room 157. Includes Rooms 158A-C
1590	191, room no. 191	0	1	A	Formerly Room 159
1591	191A, room no. 191A	0	1	A	Formerly Room 159A
1600	151, room no. 151	0	1	A	Formerly Room 160. Includes Room 151A-C
1610	101, room no. 101	0	1	A	Formerly Room 161. Includes Rooms 101A, 101B and 167
1611	166A, room no. 166A	0	1	A	Formerly Room 161A, Includes Room 166B
1612	166, room no. 166	0	1	A	Formerly Room 161B
1620	Gym 148, room no. 148	0	1	A	Formerly Room 162
1621	148A, room no. 148A	0	1	A	Formerly Room 162A
1622	148B, room no. 148B	0	1	A	Formerly Room 162B
1623	148C, room no. 148	0	1	A	Formerly Room 162C
1624	148D, room no. 148D	0	1	A	Formerly Room 162D
1630	165, room no. 165	0	1	A	Formerly Room 163. Includes Rooms 165 A-E
1640	150, room no. 150	0	1	A	Formerly Room 164. Includes Room 149
1650	164, room no. 164	0	1	A	Formerly Room 165. Includes Room 164A
1660	161, room no. 161	0	1	A	Formerly Room 166. Includes Room 161A
1670	160, room no. 160	0	1	A	Formerly Room 167
1680	159, room no. 159	0	1	A	Formerly Room 168. Includes Room 159A
1690	156, room no. 156	0	1	A	Formerly Room 169
1691	156A, room no. 156A	0	1	A	Formerly Room 169A
1700	147, room no. 147	0	1	A	Formerly Room 170
1710	155, room no. 155	0	1	A	Formerly Room 171
1721	110, room no. 110	0	1	A	Formerly Room 172A
1730	154, room no. 154	0	1	A	Formerly Room 173
1750	153A, room no. 153A	0	1	A	Formerly Room 175
1760	153, room no. 153	0	1	A	Formerly Room 176
1770	152, room no. 152	0	1	A	Formerly Room 177. Includes Room 152A
1771	152B, room no. 152B	0	1	A	Formerly Room 177A
1772	152D, room no. 152D	0	1	A	Formerly Room 177B
1773	152E, room no. 152E	0	1	A	Formerly Room 177C
1774	152F, room no. 152F	0	1	A	Formerly Room 177D
1775	152C, room no. 152C	0	1	A	Formerly Room 177E.
1780	144, room no. 144	0	1	A	Formerly Room 178.
1781	144A, room no. 144A	0	1	A	Formerly Room 178A.
1790	143, room no. 143	0	1	A	Formerly Room 179. Includes Room 143A.
1791	143B, room no. 143B	0	1	A	Formerly Room 179A.
1800	142, room no. 142	0	1	A	Formerly Room 180.
1810	141, room no. 141	0	1	A	Formerly Room 181.
1820	140, room no. 140	0	1	A	Formerly Room 182.
1830	139, room no. 139	0	1	A	Formerly Room 183.
1840	137, room no. 137	0	1	A	Formerly Room 184.
1841	138, room no. 138	0	1	A	Formerly Room 184. Includes Room 138A
1842	137A, room no. 137A	0	1	A	Formerly Room 184B. Includes Room 133C.
1845	126A, room no. 126A	0	1	A	Formerly Room 184E. Includes Rooms 125A-B.
1850	136A, room no. 136A	0	1	A	Formerly Room 185.
1851	136, room no. 136	0	1	A	Formerly Room 185A.
1860	135, room no. 135	0	1	A	Formerly Room 186. Includes Room 133A.
1870	134A, room no. 134A	0	1	A	Formerly Room 187.
1871	134B, room no. 134B	0	1	A	Formerly Room 187A.
1872	134, room no. 134	0	1	A	Formerly Room 187B.
1873	134C, room no. 134C	0	1	A	Formerly Room 187C.
1880	133, room no. 133	0	1	A	Formerly Room 188.
1882	133B, room no. 133B	0	1	A	Formerly Room 188B.
1890	132, room no. 132	0	1	A	Formerly Room 189.
1900	196, room no. 196	0	1	A	Formerly Room 190. Includes Room 196A and 196B.
1910	193, room no. 193	0	1	A	Formerly Room 191.
1911	ST3, room no. ST3	0	1	A	Formerly Room 191A.
1920	194, room no. 194	0	1	A	Formerly Room 192.
1930	192, room no. 192	0	1	A	Formerly Room 193.
1941	192A, room no. 192A	0	1	A	Formerly Room 194A.
1944	ST4, room no. ST4	0	1	A	Formerly Room 194D.

Location No.	Name or Description	Area ft ²	Floor No.	Bldg. Phase	Notes
1945	Corridor, room no. 197	0	1	A	
1950	195, room no. 195	0	1	A	
1951	190A, room no. 190A	0	1	A	Formerly Room 195A.
1952	190, room no. 190	0	1	A	Formerly Room 195B.
1953	190B, room no. 190B	0	1	A	Formerly Room 195C.
1960	198, room no. 198	0	1	A	Formerly Room 196.
2020	202, room no. 202	0	2	A	Includes Room 202A.
2040	204, room no. 204	0	2	A	
2050	205, room no. 205	0	2	A	
2051	205A, room no. 205A	0	2	A	
2060	206, room no. 206	0	2	A	
2070	207, room no. 207	0	2	A	
2080	208, room no. 208	0	2	A	
2090	211, room no. 211	0	2	A	Formerly Room 209.
2091	210, room no. 210	0	2	A	NO ACCESS - Formerly Room 209A.
2100	214, room no. 214	0	2	A	Formerly Room 210. Includes Room 212
2101	214B, room no. 214B	0	2	A	Formerly Room 210A.
2102	214A, room no. 214A	0	2	A	Formerly Room 210B.
2110	213, room no. 213	0	2	A	Formerly Room 211.
2120	215, room no. 215	0	2	A	Formerly Room 212.
2130	216, room no. 216	0	2	A	Formerly Room 213.
2310	233, room no. 233	0	2	A	Formerly Room 231.
2320	232, room no. 232	0	2	A	Includes Room 232C.
2321	232B, room no. 232B	0	2	A	Formerly Room 232A.
2322	232A, room no. 232A	0	2	A	Formerly Room 232B.
2330	231, room no. 231	0	2	A	Formerly Room 233.
2340	230, room no. 230	0	2	A	Formerly Room 234.
2350	229, room no. 229	0	2	A	Formerly Room 235.
2360	227, room no. 227	0	2	A	Formerly Room 236.
2370	228, room no. 228	0	2	A	Formerly Room 237.
2390	226, room no. 226	0	2	A	Formerly Room 239
2400	220, room no. 220	0	2	A	Formerly room 240
2401	216A, room no. 216A	0	2	A	Formerly room 240A, Wet wax
2410	222, room no. 222	0	2	A	Formerly Room 241
2411	222A, room no. 222A	0	2	A	Formerly room 241A
2420	221, room no. 221	0	2	A	Formerly Room 242
2510	235, room no. 235	0	2	A	Formerly Room 251, Includes Room 235A
2520	203, room no. 203	0	2	A	Formerly Room 252, Includes Room 203A
2530	217, room no. 217	0	2	A	Formerly Room 253
2531	218, room no. 218	0	2	A	Formerly Room 253A
2540	225, room no. 225	0	2	A	Formerly room 254
2541	219, room no. 219	0	2	A	Formerly Room 254A
2590	290, room no. 290	0	2	A	Formerly Room 259, Includes room 201A
2591	ST1, room no. ST1	0	2	A	Formerly Room 259A
2601	244, room no. 244	0	2	A	Formerly Room 260A
2610	200, room no. 200	0	2	A	Formerly Room 261
2620	243, room no. 243	0	2	A	Formerly Room 262
2622	242, room no. 242	0	2	A	
2640	Gallery 241, room no. 241	0	2	A	Formerly Room 264
2650	201, room no. 201	0	2	A	Formerly Room 265
2652	266, room no. 266	0	2	A	Formerly Room 265B, Includes room 245
2660	240, room no. 240	0	2	A	Formerly Room 266
2661	240A, room no. 240A	0	2	A	Formerly Room 266A
2710	234, room no. 234	0	2	A	Formerly Room 271
2740	209, room no. 209	0	2	A	Formerly Room 274, Includes Room 211A
2800	239, room no. 239	0	2	A	Formerly Room 280
2820	238, room no. 238	0	2	A	Formerly Room 282
2821	226A, room no. 226A	0	2	A	Formerly Room 282, Includes Room 236A
2822	238A, room no. 238A	0	2	A	Formerly Room 282B, Includes Room 239A
2840	237, room no. 237	0	2	A	Formerly Room 284
2860	236, room no. 236	0	2	A	Formerly Room 286
2900	223, room no. 223	0	2	A	Formerly Room 290
2903	246, room no. 246	0	2	A	Formerly Room 290C, Includes Room 247
2910	224, room no. 224	0	2	A	Formerly Room 291
2920	293, room no. 293	0	2	A	Formerly Room 292
2921	ST3, room no. ST3	0	2	A	Formerly Room 292A
2930	294, room no. 294	0	2	A	Formerly Room 293

Location No.	Name or Description	Area ft ²	Floor No.	Bldg. Phase	Notes
2940	292, room no. 292	0	2	A	Formerly Room 294
2950	291, room no. 291	0	2	A	Formerly Room 295
2951	ST2, room no. ST2	0	2	A	Formerly Room 295A
2960	295, room no. 295	0	2	A	Formerly Room 296, Includes a Portion of Room 296
2962	ST5, room no. ST5	0	2	A	Formerly Room 296B
2970	296, room no. 296	0	2	A	Formerly Room 297

APPENDIX V
Confirmed / Presumed ACM Report

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #0 : Exterior
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor:

Building Name: Centennial Secondary School
Room #:
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Other		Caulking, Windows and door frames			A	Y		100(7)			LF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Other ¹	Window	Caulking, Grey/White, South and west windows			A	Y		100(7)			LF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

1 - Historic Data

Client: Hastings and Prince Edward District School Board
Location: #3 : Roof 3
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor:

Building Name: Centennial Secondary School
Room #:
Last Re-Assessment: 2024-04-17

Area (sqft): 0

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

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #1000 : 102
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 102
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Texture Coat			C	Y		1200(7)				S0004ABC DE	Chrysotile	5-10%	Confirmed Asbestos	F

Formerly Room 100

Client: Hastings and Prince Edward District School Board
Location: #1001 : 102A
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 102A
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Texture Coat			C	N		100(7)			SF	V0004	Chrysotile	5-10%	Confirmed Asbestos	F

Formerly Room 100A

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #1002 : 102A
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 102A
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Texture Coat			C	N		100(7)			SF	V0004	Chrysotile	5-10%	Confirmed Asbestos	F

Formerly Room 100B

Client: Hastings and Prince Edward District School Board
Location: #1003 : 102B
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 102B
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-7, 12x12, dark grey with white marks			A	Y		75(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Piping		Parging Cement	Valve	Canvas	C	Y		1(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Elbow	Canvas	C	Y		3(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 100C

1 - Previous samples ASB-130.1-3

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District
School Board
Location: #1013 : 107B
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 107B
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-9, 12x12 off-white			A	Y		40(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 101C
1 - Historic data

Client: Hastings and Prince Edward District
School Board
Location: #1016 : 107C
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 107C
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-9, 12x12 off-white			A	Y		40(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 101F
1 - Historic data

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #1018 : 103A
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 103A
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-5, 12x12 pale green			A	Y		40(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 101H
1 - Previous samples ASB-125.1-3

Client: Hastings and Prince Edward District School Board
Location: #1019 : 105A
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 105A
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	Y		1(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping	Rain Water Leader	Cement Product, Transite			A	Y		2(7)			LF	V9500	Presumed Asbestos		Presumed Asbestos	NF

Formerly Room 101I, Includes 105B

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #1020 : 104
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 104
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	N		3(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 102

Client: Hastings and Prince Edward District School Board
Location: #1040 : 106
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 106
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow		C	Y		2(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 104. Includes Room 106A

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #1093 : 112C
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 112C
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-5, 12x12 pale green			A	Y		60(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 109C
1 - Previous samples ASB-125.1-3

Client: Hastings and Prince Edward District School Board
Location: #1094 : 112D
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 112D
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-6, 12x12, off-white with black marks			A	Y		60(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 109D
1 - Previous samples ASB-126.1-3

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #1100 : 113
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 113
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-9, 12x12 off-white			A	Y		550(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Floor ²		Vinyl Floor Tile, VT-10, 12x12, grey			A	Y		100(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Piping		Parging Cement	Tee	Canvas	C	N		6(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Elbow	Canvas	C	N		10(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 110
1 - Historic data
2 - Historic Data

Client: Hastings and Prince Edward District School Board
Location: #1120 : 115
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 115
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	N		4(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 112

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #1131 : 117A
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 117A
Last Re-Assessment: 2024-04-17

Area (sqft): 0

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		2(7)			LF	V9500	Presumed Asbestos		Presumed Asbestos	NF

Formerly Room 113A and 140A

Client: Hastings and Prince Edward District School Board
Location: #1140 : 116
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 116
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Tee	Canvas	C	N		2(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Elbow	Canvas	C	N		5(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 114

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #1311 : 129A
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 129A
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Tee	Canvas	C	Y		2(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Elbow	Canvas	C	Y		6(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 131A

Client: Hastings and Prince Edward District School Board
Location: #1331 : 140A
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 140A
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Tee	Canvas	C	Y		2(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Elbow	Canvas	C	Y		11(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 133A. Includes a part of 126A

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #1361 : 111
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 111
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	Y		2(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 136A

Client: Hastings and Prince Edward District School Board
Location: #1410 : 119
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 119
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	N		2(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Tee	Canvas	C	N		1(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 141. Includes 119A

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #1433 : 120A
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 120A
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	Y		2(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Valve	Canvas	C	Y			1(6)		EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 143C

Client: Hastings and Prince Edward District School Board
Location: #1510 : 146
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 146
Last Re-Assessment: 2024-04-17

Area (sqft): 0

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, Wall access panel			B	N		10(7)			LF	V9500	Presumed Asbestos		Presumed Asbestos	NF

Formerly Room 151

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District
School Board
Location: #1590 : 191
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 191
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	N		26(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Tee	Canvas	C	N		5(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 159

Client: Hastings and Prince Edward District
School Board
Location: #1591 : 191A
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 191A
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow		C	N		12(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 159A

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #1600 : 151
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 151
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-11, 9x9 olive			A	Y		200(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 160. Includes Room 151A-C
1 - Historic data

Client: Hastings and Prince Edward District School Board
Location: #1610 : 101
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 101
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Texture Coat			C	Y		2000(7)			SF	S0005ABCDE	Chrysotile	0.5-5%	Confirmed Asbestos	F
Floor ¹		Vinyl Floor Tile, VT-7, 12x12, dark grey with white marks			A	Y		250(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 161. Includes Rooms 101A, 101B and 167
1 - Previous samples ASB-130.1-3

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #1611 : 166A
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 166A
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Tee	Canvas	C	Y		1(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Elbow	Canvas	C	Y		2(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 161A, Includes Room 166B

Client: Hastings and Prince Edward District School Board
Location: #1612 : 166
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 166
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-7, 12x12, dark grey with white marks			A	Y		100(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 161B

1 - Previous samples ASB-130.1-3

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #1620 : Gym 148
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 148
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	D	Y		2(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 162

Client: Hastings and Prince Edward District School Board
Location: #1630 : 165
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 165
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	D	N		1(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 163. Includes Rooms 165 A-E

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board

Location: #1640 : 150

Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON

Floor: 1

Building Name: Centennial Secondary School

Room #: 150

Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-8, 12x12, tan with white and brown marks			A	Y		40(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Piping	Rain Water Leader	Cement Product, Transite			B	N		10(7)			LF	V9500	Presumed Asbestos		Presumed Asbestos	NF

Formerly Room 164. Includes Room 149

1 - Previous samples ASB-131.1-3

Client: Hastings and Prince Edward District School Board

Location: #1650 : 164

Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON

Floor: 1

Building Name: Centennial Secondary School

Room #: 164

Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-3, 9x9, beige			A	Y		200(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Floor ²		Vinyl Floor Tile, VT-2, 9x9, dark grey			A	Y		700(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 165. Includes Room 164A

1 - Previous samples ASB-122.1-3

2 - Previous samples ASB-121.1-3

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #1660 : 161
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 161
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-11, 9x9 olive			A	Y		200(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 166. Includes Room 161A
1 - Historic data

Client: Hastings and Prince Edward District School Board
Location: #1670 : 160
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 160
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Other ¹	Window	Putty, white			A	Y		200(7)			LF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 167
1 - Greenhouse, Historical data

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #1680 : 159
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 159
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-11, 9x9 olive			A	Y		200(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 168. Includes Room 159A
1 - Historic data

Client: Hastings and Prince Edward District School Board
Location: #1690 : 156
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 156
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Other	Countertop	Cement Product			A	Y		175(7)			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Other	Fumehood	Cement Product			A	Y		1(7)			EA	V9500	Presumed Asbestos		Presumed Asbestos	NF

Formerly Room 169

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board

Location: #1710 : 155

Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON

Floor: 1

Building Name: Centennial Secondary School

Room #: 155

Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Tee	Canvas	C	Y		1(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Elbow	Canvas	A	Y		14(5)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Valve	Canvas	C	Y		4(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 171

Client: Hastings and Prince Edward District School Board

Location: #1721 : 110

Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON

Floor: 1

Building Name: Centennial Secondary School

Room #: 110

Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-5, 12x12 pale green			A	Y		40(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Floor ²		Vinyl Floor Tile, VT-6, 12x12, off-white with black marks			A	Y		30(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 172A

1 - Previous samples ASB-125.1-3

2 - Previous samples ASB-126.1-3

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board

Location: #1730 : 154

Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON

Floor: 1

Building Name: Centennial Secondary School

Room #: 154

Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Tee	Canvas	C	Y		3(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Elbow	Canvas	C	Y		13(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping	Rain Water Leader	Cement Product, Transite			B	Y		2(7)			LF	V9500	Presumed Asbestos		Presumed Asbestos	NF

Formerly Room 173

Client: Hastings and Prince Edward District School Board

Location: #1750 : 153A

Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON

Floor: 1

Building Name: Centennial Secondary School

Room #: 153A

Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Tee	Canvas	C	Y		5(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Elbow	Canvas	C	Y		18(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	End	Canvas	C	Y		9(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 175

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board

Location: #1760 : 153

Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON

Floor: 1

Building Name: Centennial Secondary School

Room #: 153

Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-4, 9x9, beige with brown streaks			A	Y		2000(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Floor ²		Vinyl Floor Tile, VT-11, 9x9 olive			A	Y		200(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Floor ³		Vinyl Floor Tile, VT-2, 9x9, dark grey			A	Y		200(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Floor ⁴		Vinyl Floor Tile, VT-3, 9x9, beige			A	Y		200(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 176

1 - Previous samples ASB-123.1-3

2 - Historic data

3 - Previous samples ASB-121.1-3

4 - Previous samples ASB-122.1-3

Client: Hastings and Prince Edward District School Board

Location: #1770 : 152

Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON

Floor: 1

Building Name: Centennial Secondary School

Room #: 152

Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Valve	Canvas	C	N		3(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Elbow	Canvas	C	N		15(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 177. Includes Room 152A

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #1771 : 152B
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 152B
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Tee	Canvas	C	N		2(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Elbow	Canvas	C	N		26(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Valve	Canvas	C	Y				1(3)	EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 177A

Client: Hastings and Prince Edward District School Board
Location: #1773 : 152E
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 152E
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-11, 9x9 olive			A	Y		100(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 177C

1 - Historic data

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District
School Board
Location: #1774 : 152F
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 152F
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-1, 12x12, off-white with fine black streaks			A	Y		250(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 177D
1 - Historic data

Client: Hastings and Prince Edward District
School Board
Location: #1775 : 152C
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 152C
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Tee	Canvas	C	Y		2(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Elbow	Canvas	C	Y		9(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 177E.

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #1780 : 144
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 144
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-11, 9x9 olive			A	Y		100(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 178.
1 - Historic data

Client: Hastings and Prince Edward District School Board
Location: #1790 : 143
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 143
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Tee	Canvas	C	Y		18(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Elbow	Canvas	C	Y		35(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 179. Includes Room 143A.

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board

Location: #1800 : 142

Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON

Floor: 1

Building Name: Centennial Secondary School

Room #: 142

Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-1, 12x12, off-white with fine black streaks			A	Y		660(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Floor ²		Vinyl Floor Tile, VT-2, 9x9, dark grey			A	Y		250(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 180.

1 - Previous samples ASB-120.1-3

2 - Previous samples ASB-121.1-3

Client: Hastings and Prince Edward District School Board

Location: #1810 : 141

Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON

Floor: 1

Building Name: Centennial Secondary School

Room #: 141

Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Tee	Canvas	C	Y		3(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Elbow	Canvas	C	Y		75(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 181.

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #1830 : 139
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 139
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Tee	Canvas	C	N		4(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Elbow	Canvas	C	Y		40(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Valve	Canvas	C	N		2(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 183.

Client: Hastings and Prince Edward District School Board
Location: #1842 : 137A
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 137A
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	Y		3(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 184B. Includes Room 133C.

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #1850 : 136A
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 136A
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	Y		23(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 185.

Client: Hastings and Prince Edward District School Board
Location: #1851 : 136
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 136
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	Y		26(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Tee	Canvas	C	Y		3(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Valve	Canvas	C	Y		1(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 185A.

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #1870 : 134A
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 134A
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Valve	Canvas	C	N		2(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Elbow	Canvas	C	N		8(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	End	Canvas	C	Y				1(3)	EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 187.

Client: Hastings and Prince Edward District School Board
Location: #1871 : 134B
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 134B
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	Y		9(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Tee	Canvas	C	N		2(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 187A.

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #1872 : 134
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 134
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	Y		2(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 187B.

Client: Hastings and Prince Edward District School Board
Location: #1882 : 133B
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 133B
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	Y		2(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 188B.

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #1890 : 132
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 132
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	Y		21(7)			EA	S0006B	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Tee	Canvas	C	Y		7(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 189.

Client: Hastings and Prince Edward District School Board
Location: #1900 : 196
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 196
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	Y		67(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Tee		C	N		14(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 190. Includes Room 196A and 196B.

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #1910 : 193
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 193
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	N		27(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 191.

Client: Hastings and Prince Edward District School Board
Location: #1911 : ST3
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: ST3
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	N		7(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Canopy	Cement Product			C	Y		60(7)			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF

Formerly Room 191A.

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #1941 : 192A
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 192A
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	N		3(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 194A.

Client: Hastings and Prince Edward District School Board
Location: #1950 : 195
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 1

Building Name: Centennial Secondary School
Room #: 195
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Tee	Canvas	C	N		25(7)			EA	S0006A	Chrysotile	25-50%	Confirmed Asbestos	F
Piping ¹		Parging Cement	Elbow	Canvas	C	N		43(7)		1(4)	EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Mastic, Applied over parging cement	Elbow		C	N		3(7)			EA	S0001ABC	Chrysotile	25-50%	Confirmed Asbestos	NF

1 - Damage near entrance to Location 144

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board

Location: #1960 : 198

Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON

Floor: 1

Building Name: Centennial Secondary School

Room #: 198

Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	N		8(7)		1(4)	EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Valve	Canvas	C	N		1(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Tee	Canvas	C	N		1(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping	Debris	Parging Cement, On top of pipe near Room 191A			C	N				2(2)	SF	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 196.

Client: Hastings and Prince Edward District School Board

Location: #2040 : 204

Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON

Floor: 2

Building Name: Centennial Secondary School

Room #: 204

Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-5, 12x12 pale green			A	Y		300(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Floor ²		Vinyl Floor Tile, VT-9, 12x12 off-white			A	Y		660(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Floor ³		Vinyl Floor Tile, VT-10, 12x12, grey			A	Y		300(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

1 - Previous samples ASB-125.1-3

2 - Historic data

3 - Historic Data

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #2050 : 205
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 205
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-5, 12x12 pale green			A	Y		140(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Floor ²		Vinyl Floor Tile, VT-6, 12x12, off-white with black marks			A	Y		140(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

- 1 - Previous samples ASB-125.1-3
2 - Previous samples ASB-126.1-3

Client: Hastings and Prince Edward District School Board
Location: #2051 : 205A
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 205A
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	Y		3(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board

Location: #2060 : 206

Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON

Floor: 2

Building Name: Centennial Secondary School

Room #: 206

Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-5, 12x12 pale green			A	Y		225(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Floor ²		Vinyl Floor Tile, VT-9, 12x12 off-white			A	Y		400(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Floor ³		Vinyl Floor Tile, VT-10, 12x12, grey			A	Y		225(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

1 - Previous samples ASB-125.1-3

2 - Historic data

3 - Historic Data

Client: Hastings and Prince Edward District School Board

Location: #2070 : 207

Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON

Floor: 2

Building Name: Centennial Secondary School

Room #: 207

Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-5, 12x12 pale green			A	Y		140(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Floor ²		Vinyl Floor Tile, VT-6, 12x12, off-white with black marks			A	Y		140(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

1 - Previous samples ASB-125.1-3

2 - Previous samples ASB-126.1-3

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #2080 : 208
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 208
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-9, 12x12 off-white			A	Y		400(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

1 - Historic data

Client: Hastings and Prince Edward District School Board
Location: #2090 : 211
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 211
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-9, 12X12 off-white			A	Y		500(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Floor ²		Vinyl Floor Tile, VT-10, 12x12, grey			A	Y		150(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 209.

1 - Historic data

2 - Historic Data

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #2091 : 210
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 210
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS - NO ACCESS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-10, 12x12, grey			A	Y		60(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 209A.
1 - Historic Data

Client: Hastings and Prince Edward District School Board
Location: #2100 : 214
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 214
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-9, 12x12, off-white			A	Y		1100(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Floor ²		Vinyl Floor Tile, VT-10, 12x12, grey			A	Y		200(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 210. Includes Room 212
1 - Historic data
2 - Historic Data

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #2101 : 214B
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 214B
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-9, 12x12 off-white			A	Y		1100(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 210A.
1 - Historic data

Client: Hastings and Prince Edward District School Board
Location: #2102 : 214A
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 214A
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-9, 12x12 off-white			A	Y		1100(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 210B.
1 - Historic data

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District
School Board
Location: #2110 : 213
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 213
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-9, 12x12 off-white			A	Y		180(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 211.
1 - Historic data

Client: Hastings and Prince Edward District
School Board
Location: #2130 : 216
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 216
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-9, 12x12, off-white			A	Y		550(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Floor ²		Vinyl Floor Tile, VT-10, 12x12, grey			A	Y		100(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 213.
1 - Historic data
2 - Historic Data

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District
School Board
Location: #2310 : 233
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 233
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-9, 12x12, off-white			A	Y		700(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Floor ²		Vinyl Floor Tile, VT-10, 12x12, grey			A	Y		200(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 231.

1 - Historic data

2 - Historic Data

Client: Hastings and Prince Edward District
School Board
Location: #2330 : 231
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 231
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-9, 12x12, off-white			A	Y		700(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Floor ²		Vinyl Floor Tile, VT-10, 12x12, grey			A	Y		200(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 233.

1 - Historic data

2 - Historic Data

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board

Location: #2350 : 229

Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON

Floor: 2

Building Name: Centennial Secondary School

Room #: 229

Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-9, 12x12 off-white			A	Y		700(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Floor ²		Vinyl Floor Tile, VT-10, 12x12, grey			A	Y		200(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 235.

1 - Historic data

2 - Historic Data

Client: Hastings and Prince Edward District School Board

Location: #2370 : 228

Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON

Floor: 2

Building Name: Centennial Secondary School

Room #: 228

Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-5, 12x12 pale green			A	Y		150(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Floor ²		Vinyl Floor Tile, VT-6, 12x12, off-white with black marks			A	Y		150(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 237.

1 - Previous samples ASB-125.1-3

2 - Previous samples ASB-126.1-3

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board

Location: #2390 : 226

Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON

Floor: 2

Building Name: Centennial Secondary School

Room #: 226

Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-5, 12x12 pale green			A	Y		150(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Floor ²		Vinyl Floor Tile, VT-6, 12x12, off-white with black marks			A	Y		150(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 239

1 - Previous samples ASB-125.1-3

2 - Previous samples ASB-126.1-3

Client: Hastings and Prince Edward District School Board

Location: #2400 : 220

Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON

Floor: 2

Building Name: Centennial Secondary School

Room #: 220

Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-9, 12x12 off-white			A	Y		550(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Floor ²		Vinyl Floor Tile, VT-10, 12x12, grey			A	Y		100(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly room 240

1 - Historic data

2 - Historic Data

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #2401 : 216A
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 216A
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	Y		2(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly room 240A, Wet wax

Client: Hastings and Prince Edward District School Board
Location: #2410 : 222
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 222
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-9, 12x12 off-white			A	Y		550(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Floor ²		Vinyl Floor Tile, VT-10, 12x12, grey			A	Y		100(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 241

1 - Historic data

2 - Historic Data

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #2411 : 222A
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 222A
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	Y		1(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly room 241A

Client: Hastings and Prince Edward District School Board
Location: #2601 : 244
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 244
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	N		8(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 260A

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #2620 : 243
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 243
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	N		1(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 262

Client: Hastings and Prince Edward District School Board
Location: #2640 : Gallery 241
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 241
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	N		2(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 264

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #2650 : 201
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 201
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Texture Coat			C	Y		2000(7)			SF	S0005FG	Chrysotile	0.5-5%	Confirmed Asbestos	F

Formerly Room 265

Client: Hastings and Prince Edward District School Board
Location: #2652 : 266
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 266
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow		C	Y		12(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 265B, Includes room 245

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #2660 : 240
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 240
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Tee	Canvas	C	N		2(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Elbow	Canvas	C	Y		12(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 266

Client: Hastings and Prince Edward District School Board
Location: #2661 : 240A
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 240A
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	Y		6(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 266A

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #2740 : 209
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 209
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	Y		3(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 274, Includes Room 211A

Client: Hastings and Prince Edward District School Board
Location: #2800 : 239
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 239
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Other	Countertop	Cement Product			A	Y		180(7)			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Other	Fumehood	Cement Product			A	Y		1(7)			EA	V9500	Presumed Asbestos		Presumed Asbestos	NF

Formerly Room 280

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #2820 : 238
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 238
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Other	Countertop	Cement Product			A	Y		180(7)			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Other	Fumehood	Cement Product			A	Y		1(7)			EA	V9500	Presumed Asbestos		Presumed Asbestos	NF

Formerly Room 282

Client: Hastings and Prince Edward District School Board
Location: #2822 : 238A
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 238A
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Other	Fumehood	Cement Product			A	Y		1(7)			EA	V9500	Presumed Asbestos		Presumed Asbestos	NF

Formerly Room 282B, Includes Room 239A

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #2840 : 237
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 237
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Other	Countertop	Cement Product			A	Y		180(7)			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF

Formerly Room 284

Client: Hastings and Prince Edward District School Board
Location: #2860 : 236
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 236
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Other	Countertop	Cement Product			A	Y		180(7)			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF

Formerly Room 286

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #2900 : 223
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 223
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor ¹		Vinyl Floor Tile, VT-9, 12x12 off-white			A	Y		550(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Floor ²		Vinyl Floor Tile, VT-10, 12x12, grey			A	Y		100(7)			SF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF

Formerly Room 290
1 - Historic data
2 - Historic Data

Client: Hastings and Prince Edward District School Board
Location: #2920 : 293
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 293
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	N		3(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Mastic	Elbow		C	N		5(7)			EA	V0001	Chrysotile	25-50%	Confirmed Asbestos	NF

Formerly Room 292

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #2950 : 291
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 291
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	N		6(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 295

Client: Hastings and Prince Edward District School Board
Location: #2951 : ST2
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: ST2
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	N		3(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 295A

CONFIRMED AND PRESUMED HAZARDOUS MATERIALS REPORT

Client: Hastings and Prince Edward District School Board
Location: #2960 : 295
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: 295
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Tee	Canvas	C	N		6(7)			EA	S0006D	Chrysotile	25-50%	Confirmed Asbestos	F
Piping		Parging Cement	Elbow	Canvas	C	N		31(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 296, Includes a Portion of Room 296

Client: Hastings and Prince Edward District School Board
Location: #2962 : ST5
Survey Date: 2024-03-12

Site: 160 Palmer Road, Belleville, ON
Floor: 2

Building Name: Centennial Secondary School
Room #: ST5
Last Re-Assessment: 2024-04-17

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Piping		Parging Cement	Elbow	Canvas	C	N		3(7)			EA	V0006	Chrysotile	25-50%	Confirmed Asbestos	F

Formerly Room 296B

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



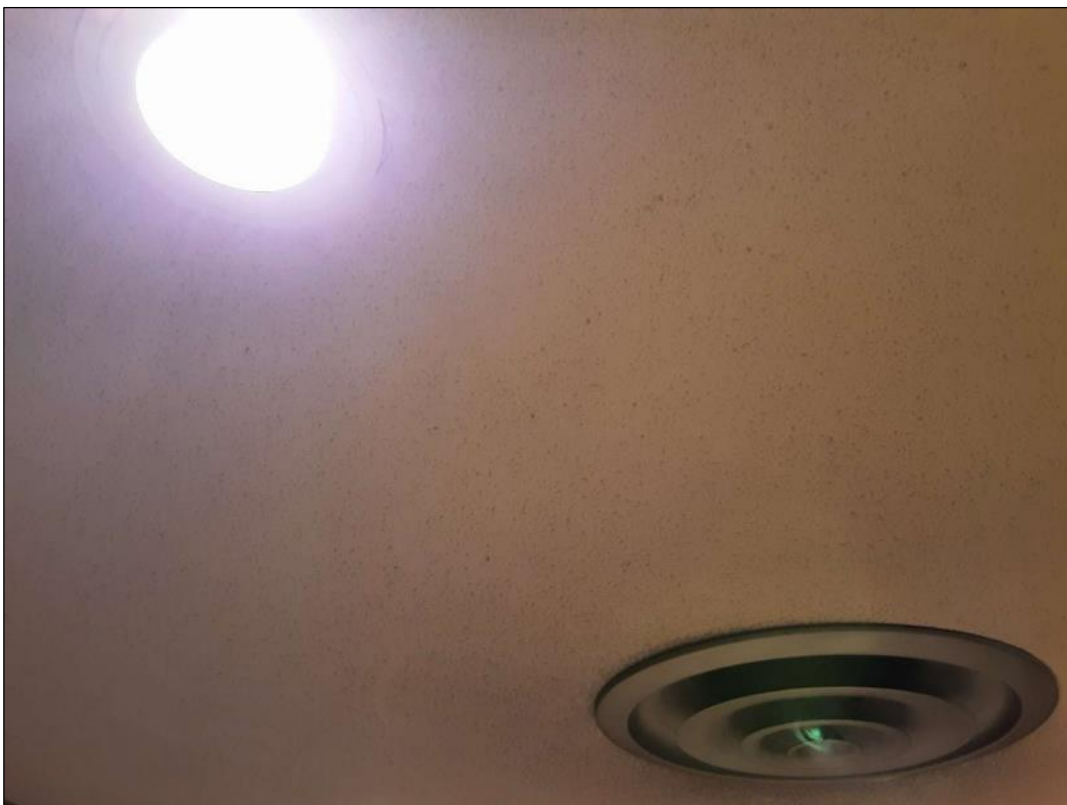
V0001 - (Confirmed Asbestos) Piping, Mastic, Over Parging Cement, 293 (Location #: 2920)



S0004A - (Confirmed Asbestos) Ceiling, Texture Coat, 102 (Location #: 1000)



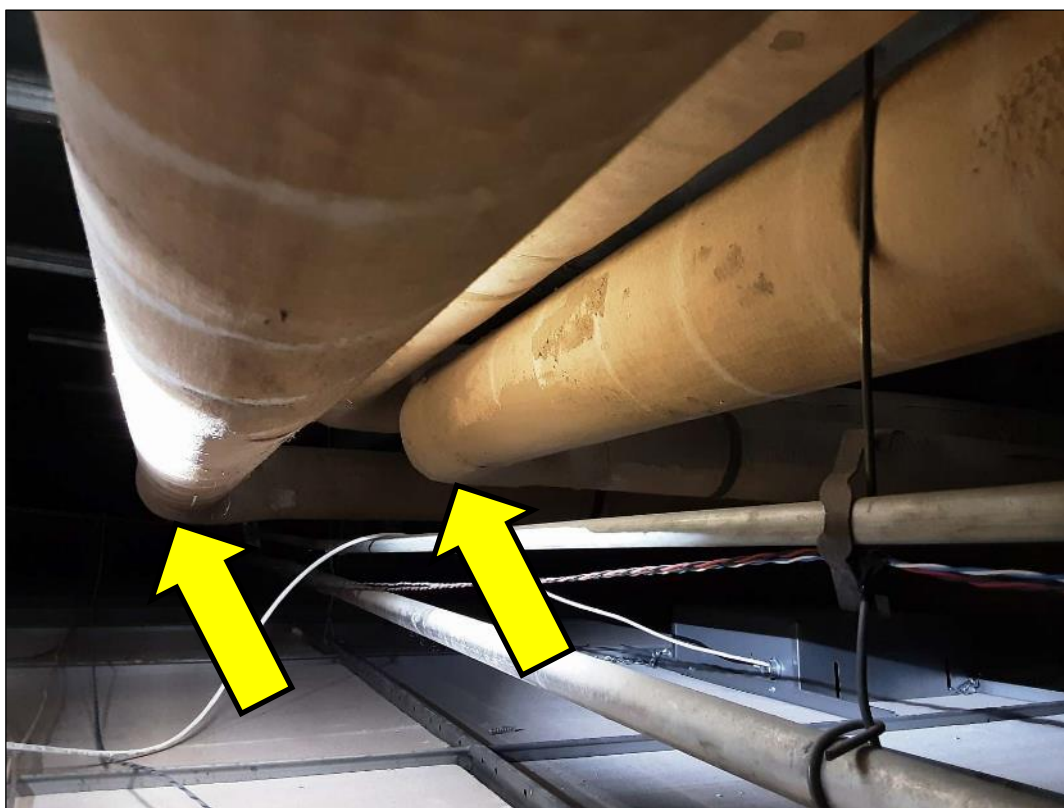
S0005A - (Confirmed Asbestos) Ceiling, Texture Coat, 101 (Location #: 1610)



S0005F - (Confirmed Asbestos) Ceiling, Texture Coat, 201 (Location #: 2650)



V0006 - (Confirmed Asbestos) Piping, Parging Cement, 120A (Location #: 1433)



V0006 - (Confirmed Asbestos) Piping, Parging Cement, 191 (Location #: 1590)



V0006 - (Confirmed Asbestos) Piping, Parging Cement, Gym 148 (Location #: 1620)



V0006 - (Confirmed Asbestos) Piping, Parging Cement, 152C (Location #: 1775)



V0006 - (Confirmed Asbestos) Piping, Parging Cement, 136 (Location #: 1851)



V0006 - (Confirmed Asbestos) Piping, Parging Cement, 244 (Location #: 2601)



V0006 - (Confirmed Asbestos) Piping, Parging Cement, 240A (Location #: 2661)



V0006 - (Confirmed Asbestos) Piping, Parging Cement, 209 (Location #: 2740)



V9000 - (Confirmed Asbestos), Window, Caulking, Grey/White, South and West, Exterior (Location #: 0)
Historic Data



V9000 - (Confirmed Asbestos), Vinyl Floor Tile, VT-5, 12"x12" Pale Green, 103A (Location #: 1018)
Previous Samples ASB-125.1-3



V9000 - (Confirmed Asbestos), Vinyl Floor Tile, VT-9, 12"x12" Off-White, 113 (Location #: 1100)
Historic data



V9000 - (Confirmed Asbestos), Vinyl Floor Tile, VT-7, 12"x12", Dark Grey with White Marks, 101 (Location #: 1610)
Previous samples ASB-130.1-3



V9000 - (Confirmed Asbestos), Vinyl Floor Tile, VT-8, 12"x12", Tan with White and Brown Marks, 150 (Location #: 1640)
Previous samples ASB-131.1-3



V9000 - (Confirmed Asbestos), Vinyl Floor Tile, VT-3, 9"x9" Beige, 164 (Location #: 1650)
Previous Samples ASB-122.1-3



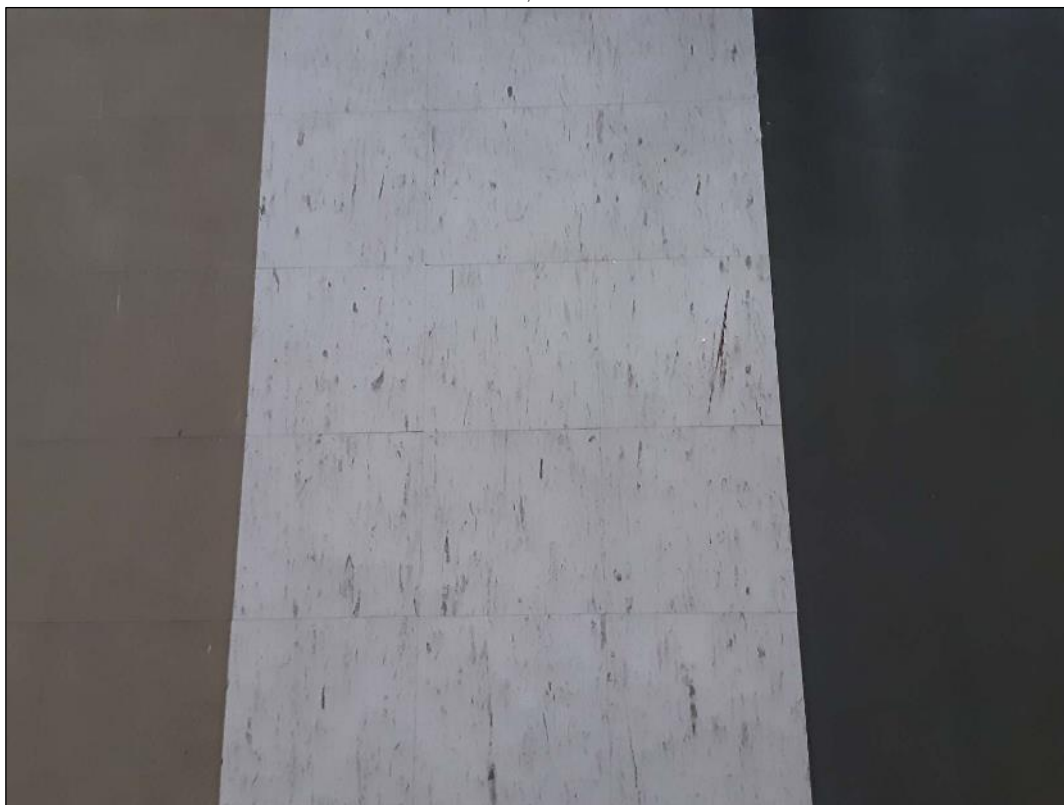
V9000 - (Confirmed Asbestos), Vinyl Floor Tile, VT-2, 9"x9", Dark Grey, 164 (Location #: 1650)
Previous samples ASB-121.1-3



V9000 - (Confirmed Asbestos), Vinyl Floor Tile, VT-11, 9"x9" Olive, 161 (Location #: 1660)
Historic data



V9000 - (Confirmed Asbestos), Window, Putty, White, 160 (Location #: 1670)
Greenhouse, Historical data



V9000 - (Confirmed Asbestos), Vinyl Floor Tile, VT-4, 9"x9", Beige with Brown Streaks, 153 (Location #: 1760)
Previous Samples ASB-123.1-3



V9000 - (Confirmed Asbestos), Vinyl Floor Tile, VT-1, 12"x12", Off-White with Fine Black Streaks, 152F (Location #: 1774)
Historic data



V9000 - (Confirmed Asbestos), Vinyl Floor Tile, VT-10, 12"x12", Grey, 223 (Location #: 2900)
Historic Data



V9500 - (Presumed Asbestos) Other, Countertop, Cement Product (Transite), 156 (Location #: 1690)



V9500 - (Presumed Asbestos) Other, Fumehood, Cement Product (Transite), 156 (Location #: 1690)



V9500 - (Presumed Asbestos), Piping, Rain Water Leader, Cement Product (Transite), 154 (Location #: 1730)



V9500 - (Presumed Asbestos), Other, Countertop, Cement Product (Transite), 239 (Location #: 2800)



Damaged asbestos-containing parging cement insulation present on valve in Room 120A (Location #1433).



Damaged asbestos-containing parging cement insulation present on valve in Room 152B (Location #1771).



Damaged asbestos-containing parging cement insulation present on pipe end in Room 134A (Location #1870).



Damaged asbestos-containing parging cement insulation present on elbow in Room 195 (Location #1950).



Damaged asbestos-containing piping cement insulation present on elbow and debris in Room 198 (Location #1960).



Building Photo.