



February 19, 2026

Hamilton-Wentworth District School Board
20 Education Court
Hamilton, ON

Re: **Hazardous Building Materials Assessment (Preconstruction)**
Accessibility Upgrades Project
Norwood Park Elementary School, 165 Terrace Drive, Hamilton, ON
Pinchin File: 352293.011

Hamilton-Wentworth District School Board (Client) retained Pinchin Ltd. (Pinchin) to conduct a hazardous building materials assessment of Norwood Park Elementary School located at 165 Terrace Drive, Hamilton, ON.

Pinchin performed the assessment on January 12, 2026, with a return visit February 5, 2026. The assessor was unaccompanied during the assessment. The assessed area was unoccupied at the time of the assessment.

The objective of the assessment was to identify specified hazardous building materials in preparation for building renovation activities. The proposed work as identified by the Client includes renovations to repurpose rooms for the construction of an elevator shaft.

The results of this assessment are intended for use with a properly developed scope of work or performance specification.

The **assessed area** is limited to the portion(s) of the building to be renovated, as described by the Client, and identified in the drawings in Appendix I.

1.0 SUMMARY OF FINDINGS

- The following items are asbestos-containing;
 - Vinyl floor tile and mastic
 - Caulking
 - Pipe insulation
 - Sink mastic
 - Cement product (Transite)

- Lead is present in paints and coatings.
- Solid lead is present in batteries of emergency lights, and caulking on cast-iron pipe joints.
- Crystalline silica is present in concrete and other materials such as masonry, and ceramic tiles.
- Mercury vapour is present in lamp tubes.
- PCBs may be present in light ballasts.
- No mould or water damage was identified.

2.0 RECOMMENDATIONS

2.1 General

Prepare scope of work or performance specifications for hazardous material removal required for the planned work. The specifications should include safe work practices, personal protective equipment, respiratory protection, and disposal of waste materials.

If suspected hazardous building materials are discovered during the planned work, which are not identified in this report, do not disturb, and arrange for further testing and evaluation.

Provide this report and the detailed plans and specifications to the contractor prior to bidding or commencing work.

Retain a qualified consultant to specify, observe and document the successful removal of hazardous materials.

Update the asbestos inventory upon completion of the abatement and removal of asbestos-containing materials and any other relevant findings.

2.2 Remedial Work

Remedial work is not required.

2.3 Project Work

The following recommendations are made regarding renovation involving the hazardous materials identified.

2.3.1 Asbestos

Remove asbestos-containing materials (ACM) prior to renovation, alteration, or maintenance if ACM may be disturbed by the work.



If the identified ACM will not be removed prior to commencement of the work, any potential disturbance of ACM must follow asbestos precautions appropriate for the type of work being performed.

Asbestos-containing materials must be disposed of at a landfill approved to accept asbestos waste.

2.3.2 Lead

For lead-containing or lead-based paints (i.e., greater than the EACC guideline of 0.1% (1,000 mg/kg) for lead-containing paints, and 0.5% (5,000 mg/kg) for lead-based), construction disturbance may result in over-exposure to lead dust or fumes. The need for work procedures, engineering controls and personal protective equipment should be assessed on a site-specific basis to comply with applicable regulations, and/or guidelines.

For paints identified as having low levels of lead (i.e., equal to or above 0.009% (90 mg/kg) but less than or equal to the EACC guideline of 0.1% (1,000 mg/kg) for lead-containing paints) special precautions are not recommended unless aggressive disturbance (grinding, blasting, torching) is planned.

Exposure from construction disturbance of paints containing lead less than 0.009% (90 mg/kg) is assumed to be insignificant.

Items painted with paints containing elevated levels of lead may be a hazardous waste. Test lead-painted materials for leachable lead and other metals prior to disposal. Metallic components coated with lead paint do not require leachate testing and can be disposed of as non-hazardous construction and demolition (C&D) waste.

Lead-containing items should be recycled when taken out of service.

2.3.3 Silica

Construction disturbance of silica-containing products may result in excessive exposures to airborne silica, especially if performed indoors and dry. Cutting, grinding, drilling or demolition of materials containing silica should be completed only with proper respiratory protection and other worker safety precautions that comply with applicable regulations and guidelines.

2.3.4 Mercury

Do not break lamps. Recycle and reclaim mercury from fluorescent lamps when taken out of service. Mercury is classified as a hazardous waste and must be disposed of in accordance with applicable regulations.

2.3.5 PCBs

As light fixtures are removed from service, examine light ballasts for PCB content. If ballasts are not clearly labelled as "non-PCB" or are suspected to contain PCBs, package, and ship ballasts for



destruction at a federally permitted facility. As per the PCB Regulation (SOR/2025-273), all PCB light ballasts must be removed from service and properly disposed of by December 31, 2026.

3.0 BACKGROUND INFORMATION

3.1 Assessed Area Description Summary

Description Item	Details
Building Use	School
Floors Above Grade	The building is two storeys, plus a tunnel.
Total Area (square feet)	The total area of the building is approximately 19,200 square feet.
Year of Construction	1954
Structure	Structural steel, and metal
Exterior Cladding	Brick
HVAC	Forced air and radiators
Roof	Built-up roofing
Flooring	Vinyl floor tiles, terrazzo, carpet, and concrete
Wall and Ceiling Finishes	Drywall, masonry, Transite tiles, and acoustic ceiling tiles

3.2 Existing Reports

3.2.1 Review of Previous Reports

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

- “Norwood Park School Hazardous Building Material Assessment Report”, August 2019. Prepared by Pinchin, 234968.014.
- “Norwood Park School Hazardous Building Material Assessment Report”, February 2023. Prepared by Pinchin, 320572.001.
- “Norwood Park School Asbestos Inventory”, February 2022. Prepared by HWDSB.

3.3 Inaccessible Locations

The following locations were not accessible during the assessment:

Location Number	Location Name	Reason
Loc. 2990	Stairwell	Ceiling space inaccessible



4.0 FINDINGS

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

4.1 Asbestos

The following table summarizes the materials evaluated for asbestos in the assessed area. For details on approximate quantities, condition, friability, accessibility, and locations of hazardous building materials; refer to the Hazardous Material Summary / Sample Log and All Data Report in Appendices V and VI.

Sample Number	Material Description	Type of Asbestos	Confirmed Hazard	Total Quantity Present	Material Specific Notes
S0001 ABC	Other Roofing material	None Detected	No		
S0002 ABC	Other Caulking	Chrysotile	Yes	5 LF	1
S0003 ABC	Floor Vinyl Floor Tile and Mastic 12 x 12 grey with dark grey and white	Chrysotile	Tile: Yes Mastic: Yes	800 SF	
S0004 ABC	Floor Vinyl Floor Tile and Mastic 12 x 12 grey with white fleck	Chrysotile	Tile : No Mastic: Yes	800 SF	
S0005 ABC	Wall Drywall and joint compound	None Detected	No		
S0006 ABC	Other Caulking	Chrysotile	Yes	100 LF	2
S0007 ABC	Floor Vinyl Floor Tile and Mastic grey	Chrysotile	Tile: Yes Mastic: Yes	150 SF	3
S0010 ABC	Other Sink Mastic, White	None Detected	No		
S0011 ABC	Other Fireproofing (Cementitious) Cementitious fireproofing	None Detected	No		
S0012 ABC	Other Caulking	None Detected	No		
S0013 ABC	Other Baseboard Mastic	None Detected	No		
S0015	Floor Vinyl Floor Tile and Mastic	Chrysotile	Tile: Yes Mastic: Yes	6300 SF	



S0016	Other Mastic, Gold	Chrysotile	Yes	1 EA	4
S0019 ABC	Other Caulking Hard grey caulking	Chrysotile	Yes	220 LF	5
S0021 ABC	Other Caulking Light grey caulking on windows	None Detected	No		
S0023 ABC	Other Mastic Brown baseboard mastic	None Detected	No		
S0024 ABC	Other, Wall Texture Coat Texture coat on masonry wall	None Detected	No		
S0025 ABD	Wall Paint Textured	None Detected	No		
S0026 ABC	Other Caulking Expansion joint	Chrysotile	Yes	400 LF	6
S0028 DG	Wall Paint Smooth	None Detected	No		
V0029	Floor Terrazzo Yellow and green	None Detected	No		
V0030	Wall Drywall and joint compound	None Detected	No		
S0036	Ceiling Cement Product	Chrysotile	Yes	3700 SF	7
S0037 ABC	Structure Paper Black felt	None Detected	No		
S0040 ABC	Other Mastic Tackboard	None Detected	No		
S0041 ABC	Floor Floor Levelling Compound Under vinyl floor tiles	None Detected	No		
V0000	Ceiling Ceiling Tiles (lay-in) 24 x 24 textured, 24 x 48 pinhole and fleck	None	No		
V0000	Ceiling Drywall and joint compound	None	No		
V0000	Other Caulking Grey	None	No		
V0000	Other Cork	None	No		
V0000	Other Vinyl Sheet Flooring	None	No		

General Notes:

1. Caulking is present around roof vents and is not expected to be affected by the work.
2. Caulking is present between ceramic block by windows and is not expected to be affected by the work.
3. Vinyl floor tiles are present below millwork.
4. Gold sink mastic is present in location 2995 but is not in the assessed area and is not expected to be affected by the work.
5. Caulking is present along brick and metal cladding at the exterior.
6. Expansion joint caulking is present in corridors on concrete block walls.
7. Transite ceiling tiles are present in various locations. Non-asbestos fiberglass insulation is present over the Transite.

Pipes insulated with asbestos-containing insulations may be present in inaccessible spaces such as above solid ceilings, in chases, in column enclosures and within shafts.

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).

Materials identified as Sample Number V0000 were determined to be non-asbestos based on the manufacture date and known end of use of asbestos in these products.

4.1.1 Excluded Asbestos Materials

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

- Electrical components
- Mechanical packing, ropes, and gaskets
- Vermiculite
- Chalkboard mastic
- Caulking and putties (where not sampled)
- Soffit and fascia boards
- Fire resistant doors
- Ropes and gaskets in cast-iron bell and spigot joints
- Sealants on pipe threads

4.2 Lead

Refer to the Hazardous Material Summary / Sample Log and All Data Report in Appendices V and VI for details on locations, condition and approximate quantities on paints sampled and their locations.

The following table summarizes the analytical results of paints sampled.

Sample Number	Material Description	Concentration	Confirmed Hazard	Total Quantity Present	Material Specific Notes
L0001	Wall Masonry Off white paint on masonry wall	0.034%	Yes	100 %	
L0003	Wall Masonry Beige paint on masonry wall	0.061%	Yes	100 %	
L0005	Wall Masonry Cream	<.0027%	No	100 %	
V0007	Wall Masonry Light blue	0.018%	Yes	100 %	
L0011	Structure Metal Red primer	0.55%	Yes	100 %	

General Notes:

Results above 0.1% (1,000 mg/kg) are considered lead-containing, and over 0.5% (5,000 mg/kg) are considered lead-based.

Results less than or equal to 0.1% (1,000 mg/kg), but equal to or greater than 0.009% (90 mg/kg), are considered low-level lead paints or surface coatings in accordance with the EACC guideline.

Paints containing lead less than 0.009% (90 mg/kg) are assumed to be insignificant relating to potential exposure from construction disturbance.

4.2.1 Lead Products and Applications

Refer to the Hazardous Material Summary / Sample Log and All Data Report in Appendices V and VI for details on lead-products including their locations and quantities.

Sample Number	Material Description	Confirmed Hazard	Total Quantity Present	Material Specific Notes
V9000	Batteries In Emer. Lights	Yes	19 EA	
V9000	Bell And Spigot Fittings	Yes	20 EA	

General Notes:

Items identified as Sample Number V9000 were observed to be present and were determined to contain lead based on visual observation (e.g., bell and spigot joints, lead shielding and flashing).

4.2.2 Excluded Lead Materials

Lead may be present in a number of materials which were not assessed and/or sampled. The following materials, where found, should be considered to contain lead.

- Electrical components, including wiring connectors, grounding conductors, and solder
- Solder on pipe connections

4.3 Silica

Crystalline silica is a presumed component of the following materials:

- Poured and pre-cast concrete
- Masonry and mortar
- Ceramic tiles and grout
- Plaster
- Terrazzo

4.4 Mercury

Refer to the Hazardous Material Summary / Sample Log and All Data Report in Appendices V and VI for details on mercury-containing products including their locations and quantities.

Sample Number	Material Description	Confirmed Hazard	Total Quantity Present	Material Specific Notes
V9500	Light Fixture	Yes	100 %	

General Notes:

Items identified as Sample Number V9500 were observed to be present but could not be definitively determined to contain mercury (e.g., inaccessible lamps and thermostats).

4.5 Polychlorinated Biphenyls

Refer to the Hazardous Material Summary / Sample Log and All Data Report in Appendices V and VI for details on PCB-products including their locations and quantities.

Sample Number	Material Description	Concentration	Confirmed Hazard	Total Quantity Present	Material Specific Notes
P0001	Caulking	<0.5	No	100 LF	
V9500	Light Ballasts		Presumed	100 %	



General Notes:

PCBs were banned in 1980; however, are found to be present in caulking and sealants until 1985.

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 PCBs based on historical known use (e.g. concealed ballasts of fluorescent fixtures with T12 tubes). Sampling of these materials may be completed prior to disturbance.

4.5.1 Excluded PCB Materials

PCBs are known to be present in several materials and equipment which were not assessed or sampled. The following materials, where found, should be presumed to contain PCBs until sampling proves otherwise.

- Capacitors within or associated with electrical equipment
- Caulking

4.6 Mould and Water Damage

Visible mould growth and water damage was not found during the assessment.

5.0 METHODOLOGY

For the purpose of the assessment and this report, hazardous building materials are defined as follows:

- Asbestos
- Lead
- Silica
- Mercury
- Polychlorinated Biphenyls (PCBs)
- Mould and Water Damage

Arsenic, acrylonitrile, benzene, coke oven emissions, ethylene oxide, isocyanates and vinyl chloride monomer are not typically found in building materials in a composition/state that is hazardous and were not included in this assessment.

Pinchin conducted a room-by-room assessment to identify the hazardous building materials as defined in the scope.

The assessment was performed to establish the type of specified hazardous building materials, locations and approximate quantities incorporated in the structure(s) and its finishes.

The assessment included limited demolition of wall and ceiling finishes (drywall or plaster) to view concealed conditions at representative areas as permitted by the current building use. Limited destructive testing of flooring was conducted where possible (under ceramic tiles, carpets, or multiple layers of flooring). Demolition of exterior building finishes, masonry walls (chases, shafts etc.), and structural surrounds was not conducted.

Limited demolition of masonry block walls (core holes) was conducted to investigate for loose fill vermiculite insulation. Sampling of roofing materials was conducted previously.

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

6.0 REFERENCES

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

1. Asbestos on Construction Projects and in Buildings and Repair Operations, Ontario Regulation 278/05.
2. Designated Substances, Ontario Regulation 490/09.
3. Lead on Construction Projects, Ministry of Labour Guidance Document.
4. The Environmental Abatement Council of Canada (EACC) Lead Guideline for Construction, Renovation, Maintenance or Repair.
5. Ministry of the Environment Regulation, R.R.O. 1990 Reg. 347 as amended.
6. Ministry of the Environment Regulation, R.R.O. 1990 Reg. 362 as amended.
7. Silica on Construction Projects, Ministry of Labour Guidance Document.
8. Alert – Mould in Workplace Buildings, Ontario Ministry of Labour.
1. PCB Regulations, SOR/2008-273, Canadian Environmental Protection Act.
2. Surface Coating Materials Regulations, SOR/2016-193, Canada Consumer Product Safety Act.
3. Consolidated Transportation of Dangerous Goods Regulations, including Amendment SOR/2019-101, Transportation of Dangerous Goods Act.
4. Mould Guidelines for the Canadian Construction Industry, Standard Construction Document CCA 82 – 2004 (Revised 2018), Canadian Construction Association.
5. Ozone-depleting Substances and Halocarbon Alternatives Regulations, SOR/2016-137.



7.0 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.



8.0 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 Project Manager, Jessica Cozzitorto at 905.577.6206 or jcozzitorto@pinchin.com should you have any questions.

Sincerely,

Pinchin Ltd.

Prepared by:

Project Managed by:

Adam Altena
Project Technologist

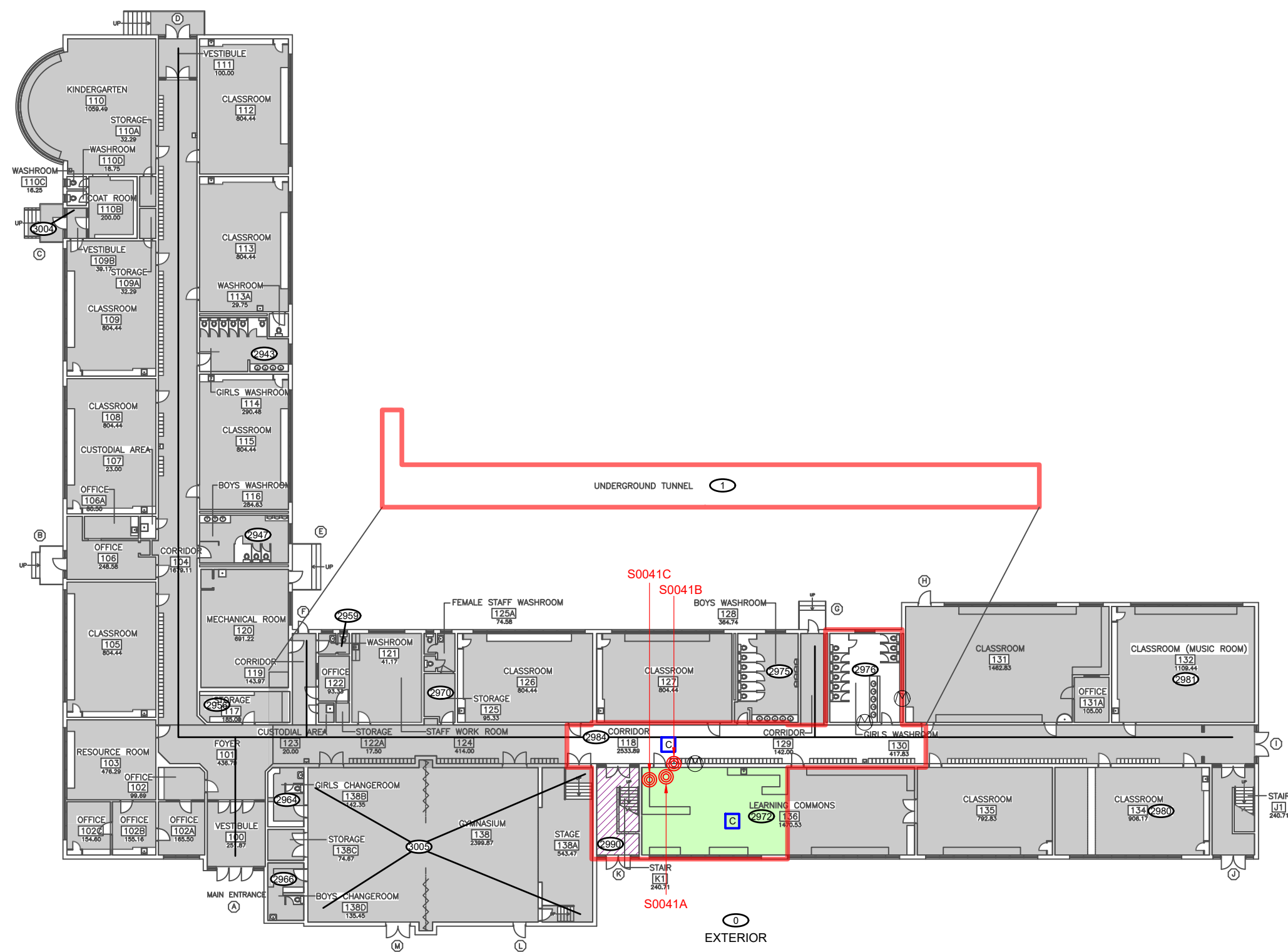
Jessica Cozzitorto, C. Tech.
Team Leader

Reviewed by:

Damian Palus, C. E. T.
Operations Manager

Encl:	APPENDIX I	Drawings
	APPENDIX II-A	Asbestos Analytical Certificates
	APPENDIX II-B	Lead Analytical Certificates
	APPENDIX III	Methodology
	APPENDIX IV	Location Summary Report
	APPENDIX V	Hazardous Materials Summary Report / Sample Log
	APPENDIX VI	All Data Report
	APPENDIX VII	Photographs

APPENDIX I
Drawings



LEGEND

PINCHIN LOCATION NUMBER

SURVEY BOUNDARY/ASSESSED AREA

OUTSIDE ASSESSMENT SCOPE

ASBESTOS BULK SAMPLE

LEAD BULK SAMPLE

VERMICULITE DRILLHOLE

ASBESTOS-CONTAINING MATERIALS:

VINYL FLOOR TILES & MASTIC

TRANSITE

CAULKING

SINK MASTIC

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

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

BASE PLAN PROVIDED BY CLIENT.

PROJECT NAME:

HAZARDOUS BUILDING MATERIALS ASSESSMENT

CLIENT NAME:

HAMILTON-WENTWORTH DISTRICT SCHOOL BOARD

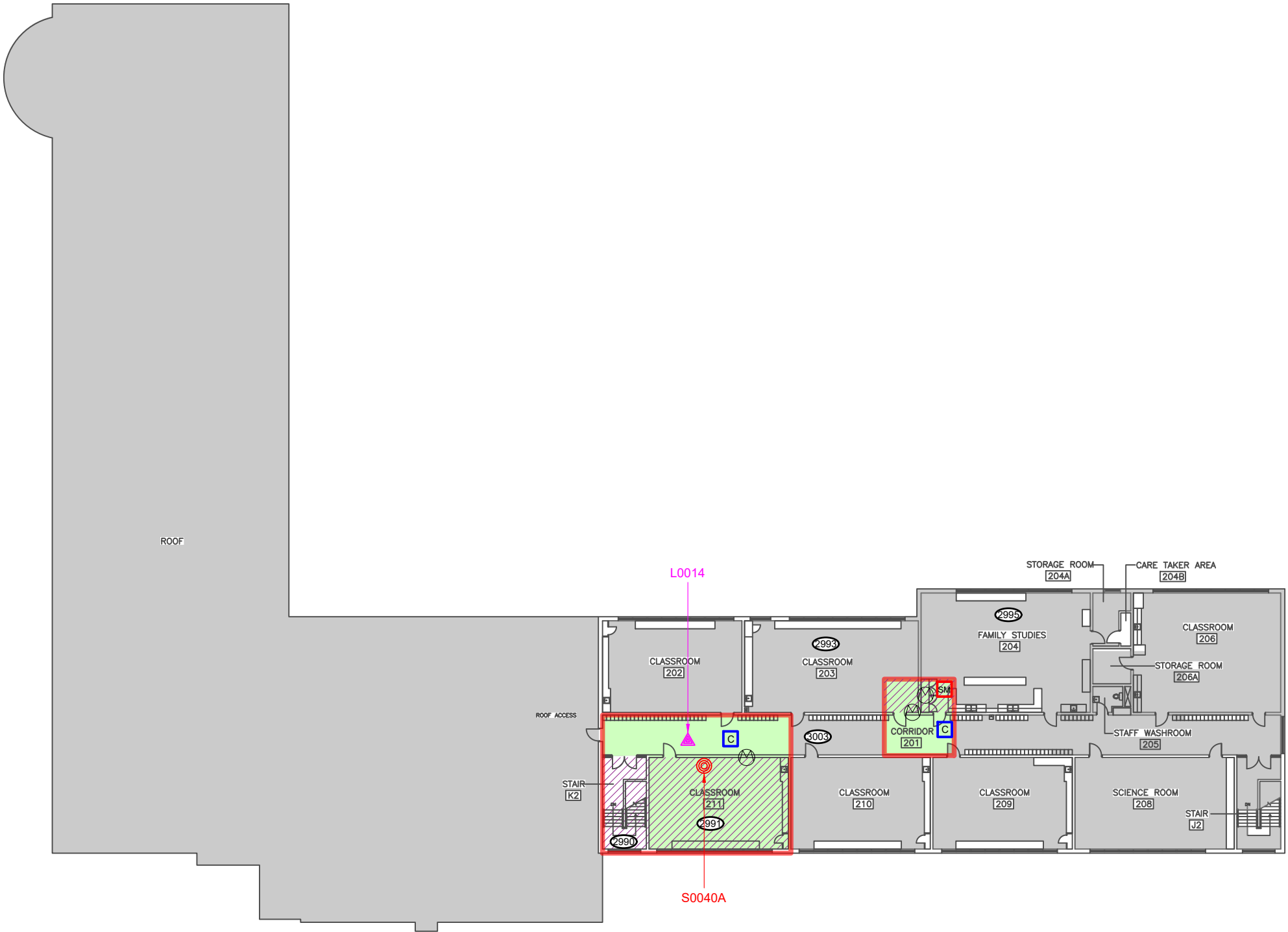
PROJECT LOCATION:

**NORWOOD PARK ELEMENTARY
165 TERRACE DRIVE,
HAMILTON, ON**

FIGURE NAME:

FIRST FLOOR

PROJECT NUMBER: 0352293.011	SCALE: NOT TO SCALE
DRAWN BY: MDC	REVIEWED BY: JLC
DATE: FEBRUARY 2026	FIGURE NUMBER: 1 OF 3



- LEGEND**
- PINCHIN LOCATION NUMBER
 - SURVEY BOUNDARY/ASSESSED AREA
 - OUTSIDE ASSESSMENT SCOPE
 - ASBESTOS BULK SAMPLE
 - LEAD BULK SAMPLE
 - VERMICULITE DRILLHOLE
 - ASBESTOS-CONTAINING MATERIALS:**
 - VINYL FLOOR TILES & MASTIC
 - TRANSITE
 - CAULKING
 - SINK MASTIC

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

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

BASE PLAN PROVIDED BY CLIENT.

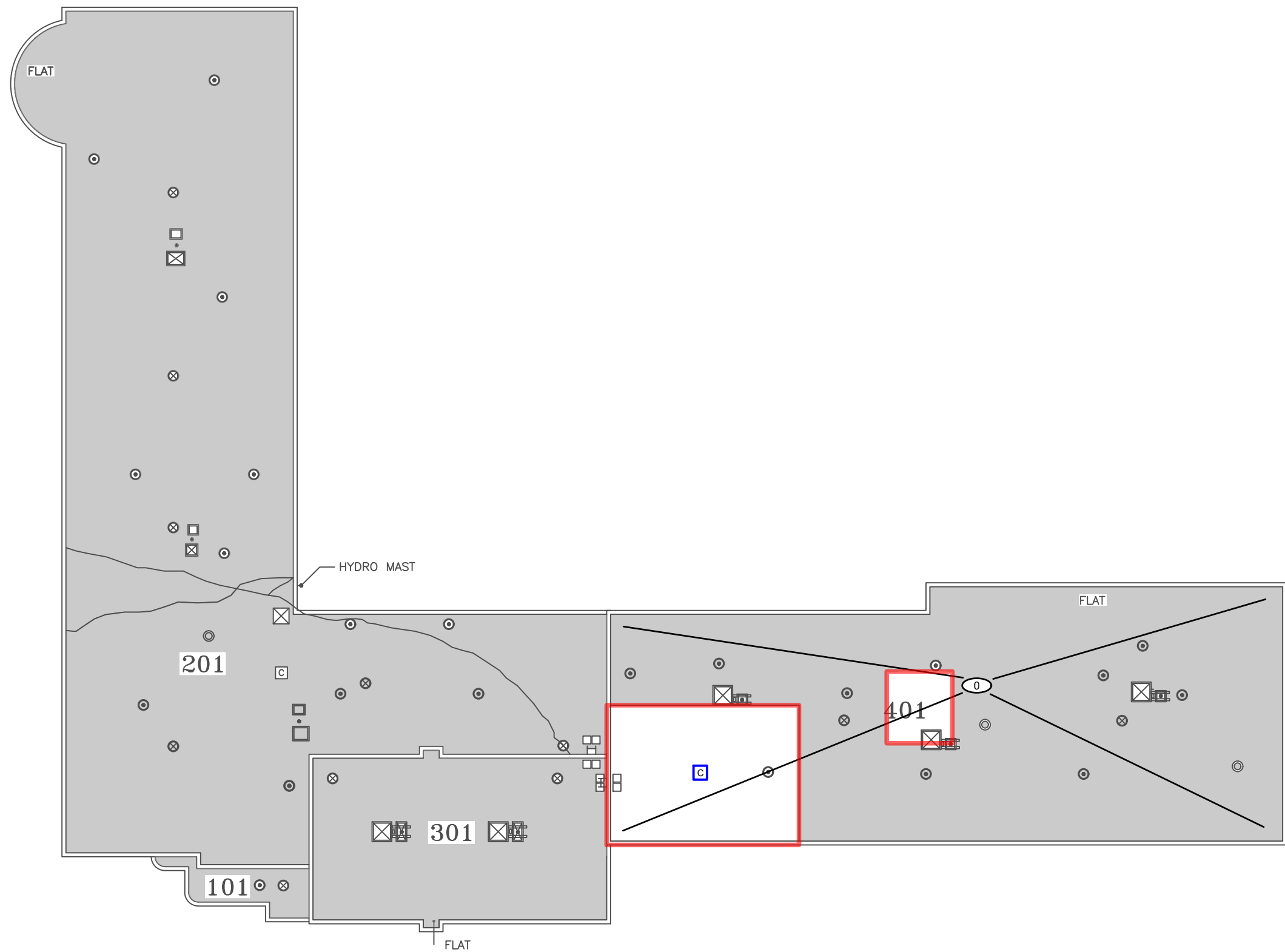
PROJECT NAME:
HAZARDOUS BUILDING MATERIALS ASSESSMENT

CLIENT NAME:
HAMILTON-WENTWORTH DISTRICT SCHOOL BOARD

PROJECT LOCATION:
**NORWOOD PARK ELEMENTARY
165 TERRACE DRIVE,
HAMILTON, ON**

FIGURE NAME:
SECOND FLOOR

PROJECT NUMBER: 0352293.011	SCALE: NOT TO SCALE
DRAWN BY: MDC	REVIEWED BY: JLC
DATE: FEBRUARY 2026	FIGURE NUMBER: 2 OF 3



LEGEND

- PINCHIN LOCATION NUMBER
- SURVEY BOUNDARY/ASSESSED AREA
- OUTSIDE ASSESSMENT SCOPE
- ASBESTOS BULK SAMPLE
- LEAD BULK SAMPLE
- VERMICULITE DRILLHOLE
- ASBESTOS-CONTAINING MATERIALS:
 - VINYL FLOOR TILES & MASTIC
 - TRANSITE
 - CAULKING
 - SINK MASTIC

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

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BASE PLAN PROVIDED BY CLIENT.



PROJECT NAME:
HAZARDOUS BUILDING MATERIALS ASSESSMENT

CLIENT NAME:
HAMILTON-WENTWORTH DISTRICT SCHOOL BOARD

PROJECT LOCATION:
NORWOOD PARK ELEMENTARY
165 TERRACE DRIVE,
HAMILTON, ON

FIGURE NAME:
ROOF

PROJECT NUMBER: 0352293.011	SCALE: NOT TO SCALE
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DRAWN BY: MDC	REVIEWED BY: JLC
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DATE: FEBRUARY 2026	FIGURE NUMBER: 3 OF 3
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APPENDIX II-A
Asbestos Analytical Certificates



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hamilton-Wentworth District School Board,
Norwood Park Elementary School, 165 Terrace Drive, Hamilton, ON
Project No.: 0234968.014
Prepared For: S. Holmquist / J. Cozzitorto Evan Pepli
Lab Reference No.: b214543
Analyst(s): R. Dacey
Date Received: July 25, 2019 **# Samples submitted:** 3
Date Analyzed: July 29, 2019 **# Phases analyzed:** 29

Method of Analysis:

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

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

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

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

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-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples,' and the 'EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials'; and meets all requirements of ISO/IEC 17025:2005.

This report relates only to the items tested.

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



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hamilton-Wentworth District School Board,
Norwood Park Elementary School, 165 Terrace Drive, Hamilton, ON

Project No.: 0234968.014

Prepared For: S. Holmquist / J. Cozzitorto Evan Pepli

Lab Reference No.: b214543

Date Analyzed: July 29, 2019

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0001A Roofing Material - North Side of Roof - Location 0	10 Phases:		
	a) Homogeneous, black, tar material.	None Detected	Tar and other non-fibrous > 75%
	b) Homogeneous, black, tar-impregnated, compressed, fibrous material.	None Detected	Cellulose 50-75%
	c) Homogeneous, grey, layered paper.	None Detected	Tar and other non-fibrous 25-50%
			Cellulose > 75%
			Man-made Vitreous 5-10%
	d) Homogeneous, grey, layered paper with tar.	None Detected	Fibres 0.5-5%
			Non-Fibrous Material > 75%
			Cellulose 5-10%
			Man-made Vitreous 10-25%
	e) Homogeneous, black, tar material.	None Detected	Fibres > 75%
	f) Homogeneous, black, tar-impregnated, compressed, fibrous material.	None Detected	Tar and other non-fibrous 25-50%
			Man-made Vitreous 50-75%
	g) Homogeneous, brown, fibrous material.	None Detected	Fibres > 75%
			Cellulose 10-25%
			Perlite 0.5-5%
	h) Homogeneous, black, layered, rubbery, tar material.	None Detected	Other Non-Fibrous > 75%
	i) Homogeneous, black, layered, tar material with fibres.	None Detected	Tar and other non-fibrous 10-25%
			Man-made Vitreous > 75%
	j) Homogeneous, black, layered, tar material.	None Detected	Tar and other non-fibrous > 75%
Comments:		Foam is present on the surface of this sample.	



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hamilton-Wentworth District School Board,
 Norwood Park Elementary School, 165 Terrace Drive, Hamilton, ON
Project No.: 0234968.014
Prepared For: S. Holmquist / J. Cozzitorto Evan Pepli

Lab Reference No.: b214543
Date Analyzed: July 29, 2019

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0001B Roofing Material - Center of Roof - Location 0	10 Phases:		
	a) Homogeneous, black, layered, tar material.	None Detected	Tar and other non- fibrous > 75%
	b) Homogeneous, black, layered, tar-impregnated, compressed, fibrous material.	None Detected	Cellulose 50-75% Tar and other non- fibrous 25-50%
	c) Homogeneous, grey, layered paper.	None Detected	Cellulose > 75% Man-made Vitreous Fibres 5-10% Non-Fibrous Material 0.5-5%
	d) Homogeneous, grey, layered paper with tar.	None Detected	Cellulose > 75% Man-made Vitreous Fibres 5-10% Tar and other non- fibrous 10-25%
	e) Homogeneous, black, tar material.	None Detected	Tar and other non- fibrous > 75%
	f) Homogeneous, black, tar- impregnated, compressed, fibrous material.	None Detected	Man-made Vitreous Fibres 25-50% Tar and other non- fibrous 50-75%
	g) Homogeneous, brown, fibrous material.	None Detected	Cellulose > 75% Perlite 10-25% Other Non-Fibrous 0.5-5%
	h) Homogeneous, black, layered, rubbery, tar material.	None Detected	Tar and other non- fibrous > 75%
	i) Homogeneous, black, layered, tar material with fibres.	None Detected	Man-made Vitreous Fibres 10-25% Tar and other non- fibrous > 75%
	j) Homogeneous, black, layered, tar material.	None Detected	Tar and other non- fibrous > 75%
Comments:		Foam is present on the surface of this sample.	



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hamilton-Wentworth District School Board,
 Norwood Park Elementary School, 165 Terrace Drive, Hamilton, ON
Project No.: 0234968.014
Prepared For: S. Holmquist / J. Cozzitorto Evan Pepli

Lab Reference No.: b214543
Date Analyzed: July 29, 2019

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0001C Roofing Material - South Side of Roof - Location 0	10 Phases: a) Homogeneous, black, layered, tar material. b) Homogeneous, black, layered, tar-impregnated, compressed, fibrous material. c) Non-homogeneous, grey, layered paper with tar. d) Homogeneous, black, tar material. e) Homogeneous, black, tar- impregnated, compressed, fibrous material. f) Homogeneous, brown, fibrous material. g) Homogeneous, black, layered, rubbery, tar material. h) Homogeneous, black, layered, tar material with fibres. i) Homogeneous, black, layered, tar material.	None Detected None Detected None Detected None Detected None Detected None Detected None Detected None Detected None Detected	Tar and other non- fibrous > 75% Cellulose 50-75% Tar and other non- fibrous 25-50% Cellulose > 75% Man-made Vitreous Fibres 5-10% Tar and other non- fibrous 10-25% Tar and other non- fibrous > 75% Man-made Vitreous Fibres 25-50% Tar and other non- fibrous 50-75% Cellulose > 75% Perlite 10-25% Other Non-Fibrous 0.5-5% Tar and other non- fibrous > 75% Man-made Vitreous Fibres 10-25% Tar and other non- fibrous > 75% Tar and other non- fibrous > 75%
Comments:	Foam is present on the surface of this sample.		

Reviewed by:

Reporting Analyst:

Analysed by: RD
 Submitted by: KB
 Report Submitted: KB

Instructions:

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

Client Name:	Hamilton-Wentworth District School Board	Project Address:	165 Terrace Drive, Hamilton, ON
Portfolio/Building No:	Norwood Park Elementary School	Pinchin File:	234968.014
Submitted by:	Stephen Holmquist	Email:	sholmquist@pinchin.com
CC Results to:	Jessica Cozzitorto, Evan Peplinski	CC Email:	jcozzitorto@pinchin.com
Invoice to:	Accounts Payable	Invoice Email:	ap@pinchin.com
Date Submitted:	July 24 2019	Required by:	July 26 2019
# of Samples:	723	Priority:	Rush Turnaround
Year of Building Construction (Mandatory Field):			
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):		Pinchin	

To be Completed by Lab Personnel Only:

Lab Reference #:	b214 543 JUL 25 2019		Time:	24 hour clock		
Received by:		Date:	Month	Day	Year	
Name(s) of Analyst(s):	RD 7.29.19 (29)					
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)			
	S0001	A	Roofing Material - North Side of Roof - Location 0 (ND) (ND) (ND) (ND) (ND) (ND) (ND) (ND) (ND) (ND)			
	S0001	B	Roofing Material - Center of Roof - Location 0 (ND) (ND) (ND) (ND) (ND) (ND) (ND) (ND) (ND) (ND)			
	S0001	C	Roofing Material - South Side of Roof - Location 0 (ND) (ND) (ND) (ND) (ND) (ND) (ND) (ND) (ND) (ND)			
	S0002	A	Grey caulking around metal louvre - Location 0			
	S0002	B	Grey caulking around metal louvre - Location 0			



Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project Name: Hamilton-Wentworth District School Board, Norwood Elementary School, ON
Project No.: 0352293.011
Prepared For: J. Appleby

Lab Reference No.: b355506
Analyst(s): A. Di Giulio

Date Received:	January 16, 2026	Samples Submitted:	6
Date Analyzed:	January 23, 2026	Phases Analyzed:	9

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

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

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

This report relates only to the items tested.

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



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hamilton-Wentworth District School Board, Norwood Elementary School, ON
Project No.: 0352293.011
Prepared For: J. Appleby

Lab Reference No.: b355506
Date Analyzed: January 23, 2026

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0039A Floor, Vinyl Floor Tile And Mastic, 12 X 12 Beige With Dark Fleck, Loc: 3002, Storage Room	3 Phases: a) Homogeneous, beige, consolidated, vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, black, soft, sticky material on the back of vinyl floor tile.	Chrysotile 0.5-5%	Tar and other Non-Fibrous Material > 75%
	b) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0039B Floor, Vinyl Floor Tile And Mastic, 12 X 12 Beige With Dark Fleck, Loc: 3002, Storage Room	2 Phases: a) Homogeneous, beige, consolidated, vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, black, soft, sticky material on the back of vinyl floor tile.		Not Analyzed
Comments:	Analysis of phase b) was stopped due to a previous positive result.		
S0039C Floor, Vinyl Floor Tile And Mastic, 12 X 12 Beige With Dark Fleck, Loc: 3002, Storage Room	3 Phases: a) Homogeneous, beige, consolidated, vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, black, soft, sticky material on the back of vinyl floor tile.		Not Analyzed
	c) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
Comments:	Analysis of phase b) was stopped due to a previous positive result.		



Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project Name: Hamilton-Wentworth District School Board, Norwood Elementary School, ON
Project No.: 0352293.011
Prepared For: J. Appleby

Lab Reference No.: b355506
Date Analyzed: January 23, 2026

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0040A Mastic, Loc: 2991, Classroom	Homogeneous, yellow, mastic material.	None Detected	Non-Fibrous Material > 75%
Comments:	Cellulose is present on the surface of this sample.		
S0040B Mastic, Loc: 2991, Classroom	Homogeneous, yellow, mastic material.	None Detected	Non-Fibrous Material > 75%
Comments:	Cellulose is present on the surface of this sample.		
S0040C Mastic, Loc: 2991, Classroom	Homogeneous, yellow, mastic material.	None Detected	Non-Fibrous Material > 75%
Comments:	Cellulose is present on the surface of this sample.		

Reviewed by:

Reporting Analyst:

Analyzed by: AD 1123/26
 Reviewed by: [Signature]
 Report Sent by: [Signature]

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

Special Instructions:

Client Name:	Hamilton-Wentworth District School Board	Project Address:	ON
Portfolio/Building No:	Norwood Elementary School	Pinchin File:	352293.011
Submitted by:	Justin Appleby	Email:	jappleby@pinchin.com
CC Email:	Jessica Cozzitorto	CC Email:	jcozzitorto@pinchin.com
Date Submitted:	January 13 2026	Required by:	January 21 2025
# of Samples:	6	Priority:	5 Day Turnaround
Year of Building Construction (Mandatory, Years ONLY):			
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field): Pinchin			
HMIS2 Building Reference #: 158779/202601296879862			
To be Completed by Lab Personnel Only:			
Lab Reference #:	6355506 @		Time: 24 hour clock
Received by:	JAN 16 2026	Date:	Month Day Year
Name(s) of Analyst(s):			
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0039	A	Floor, Vinyl Floor Tile And Mastic, 12 X 12 Beige With Dark Fleck, Loc: 3002, Storage Room <i>AND b3WA- CND</i>
S	0039	B	Floor, Vinyl Floor Tile And Mastic, 12 X 12 Beige With Dark Fleck, Loc: 3002, Storage Room <i>AND b3WA-</i>
S	0039	C	Floor, Vinyl Floor Tile And Mastic, 12 X 12 Beige With Dark Fleck, Loc: 3002, Storage Room <i>AND b3WA- CND</i>
S	0040	A	Mastic, Loc: 2991, Classroom <i>ND</i>
S	0040	B	Mastic, Loc: 3001, Classroom 206 <i>ND</i>
S	0040	C	Mastic, Loc: 3001, Classroom 206 <i>ND</i>



Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project No.: 0352293.011

Prepared For: A. Altena

Lab Reference No.: b356714

Analyst(s): D. Wright

Date Received: February 9, 2026

Samples Submitted: 3

Date Analyzed: February 9, 2026

Phases Analyzed: 3

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

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

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

This report relates only to the items tested.

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Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project No.: 0352293.011
Prepared For: A. Altena

Lab Reference No.: b356714
Date Analyzed: February 9, 2026

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0041A Floor, Floor Levelling Compound, Under Vinyl Floor Tiles, Loc: 2972, Learning Commons	Homogeneous, grey, levelling compound.	None Detected	Cellulose 5-10% Non-Fibrous Material > 75%
Comments:	Another phase is present but was not analyzed, as requested.		
S0041B Floor, Floor Levelling Compound, Under Vinyl Floor Tiles, Loc: 2972, Learning Commons	Homogeneous, grey, levelling compound.	None Detected	Cellulose 5-10% Non-Fibrous Material > 75%
Comments:	Other phases are present but were not analyzed, as requested.		
S0041C Floor, Floor Levelling Compound, Under Vinyl Floor Tiles, Loc: 2972, Learning Commons	Homogeneous, grey, levelling compound.	None Detected	Cellulose 5-10% Non-Fibrous Material > 75%
Comments:	Other phases are present but were not analyzed, as requested.		

Reviewed by:

Reporting Analyst:

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

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

Special Instructions: ONLY ANALYZE LEVELLING COMPOUND IN SAMPLES S0041A-C.

Client Name:		Project Address:	ON	
Portfolio/Building No:		Pinchin File:	352293.011	
Submitted by:	Adam Altena	Email:	aaltena@pinchin.com	
CC Email:	jappleby@pinchin.com	CC Email:	jcozzitorto@pinchin.com	
Date Submitted:	February 06 2026	Required by:	February 9 2026	
# of Samples:	3	Priority:	Rush Turnaround	
Year of Building Construction (Mandatory, Years ONLY):				
Do NOT Stop on Positive (Sample Numbers):				
Pinchin Group Company (Mandatory Field):				
Pinchin				
HMIS2 Building Reference #:		160259/20261518594888		
To be Completed by Lab Personnel Only:				
Lab Reference #:	6356714		Time:	24 hour clock
Received by:	FEB 09 2026 <u>[Signature]</u>		Date:	Month Day Year
Name(s) of Analyst(s):	Dunright			
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)	
S	0041	A	Floor, Floor Levelling Compound, Under Vinyl Floor Tiles, Loc: 2972, Learning Commons ND	
S	0041	B	Floor, Floor Levelling Compound, Under Vinyl Floor Tiles, Loc: 2972, Learning Commons ND	
S	0041	C	Floor, Floor Levelling Compound, Under Vinyl Floor Tiles, Loc: 2972, Learning Commons ND	



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hamilton-Wentworth District School Board,
Norwood Park Elementary School, 165 Terrace Drive, Hamilton, ON
Project No.: 0234968.014
Prepared For: S. Holmquist / J. Cozzitorto / E. Peplinski
Lab Reference No.: b214544
Analyst(s): J. Raisch-Berkoff / L. DeCurtis / T. Tran / T. Lam
Date Received: July 25, 2019 **# Samples submitted:** 33
Date Analyzed: July 29, 2019 **# Phases analyzed:** 44

Method of Analysis:

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

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

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

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

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-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples,' and the 'EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials'; and meets all requirements of ISO/IEC 17025:2005.

This report relates only to the items tested.

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



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hamilton-Wentworth District School Board,
Norwood Park Elementary School, 165 Terrace Drive, Hamilton, ON
Project No.: 0234968.014
Prepared For: S. Holmquist / J. Cozzitorto / E. Peplinski
Lab Reference No.: b214544
Date Analyzed: July 29, 2019

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0002A Grey caulking around metal louvre - Location 0	2 Phases: a) Homogeneous, grey, rubbery, caulking material. b) Homogeneous, grey, sticky, caulking material.	None Detected Chrysotile 0.5-5%	Non-Fibrous Material > 75% Non-Fibrous Material > 75%
S0002B Grey caulking around metal louvre - Location 0	2 Phases: a) Homogeneous, grey, rubbery, caulking material. b) Homogeneous, grey, sticky, caulking material.	None Detected	Non-Fibrous Material > 75% Not Analyzed
Comments:	Analysis of phase b) was stopped due to a previous positive result.		
S0002C Grey caulking around metal louvre - Location 0	2 Phases: a) Homogeneous, grey, rubbery, caulking material. b) Homogeneous, grey, sticky, caulking material.	None Detected	Non-Fibrous Material > 75% Not Analyzed
Comments:	Analysis of phase b) was stopped due to a previous positive result.		
S0003A 12 x 12 VFT grey with dark grey and white - Location 2972	3 Phases: a) Homogeneous, grey, consolidated, vinyl floor tile. b) Homogeneous, yellow, soft, sticky material on the back of vinyl floor tile. c) Homogeneous, blue, consolidated, vinyl floor tile.	None Detected None Detected Chrysotile 5-10%	Non-Fibrous Material > 75% Non-Fibrous Material > 75% Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hamilton-Wentworth District School Board,
Norwood Park Elementary School, 165 Terrace Drive, Hamilton, ON
Project No.: 0234968.014
Prepared For: S. Holmquist / J. Cozzitorto / E. Peplinski
Lab Reference No.: b214544
Date Analyzed: July 29, 2019

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0003B 12 x 12 VFT grey with dark grey and white - Location 2972	5 Phases:		
	a) Homogeneous, grey, consolidated, vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, yellow, soft, sticky material on the back of vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
	c) Homogeneous, grey, levelling compound.	None Detected	Cellulose 5-10% Non-Fibrous Material > 75%
	d) Homogeneous, dark grey, consolidated, vinyl floor tile.	Chrysotile 5-10%	Non-Fibrous Material > 75%
	e) Homogeneous, black, soft, sticky material on the back of dark grey vinyl floor tile.	Chrysotile 0.5-5%	Tar and other non-fibrous > 75%
Comments:	Phase e) is small in size.		



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hamilton-Wentworth District School Board,
Norwood Park Elementary School, 165 Terrace Drive, Hamilton, ON
Project No.: 0234968.014
Prepared For: S. Holmquist / J. Cozzitorto / E. Peplinski
Lab Reference No.: b214544
Date Analyzed: July 29, 2019

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0003C 12 x 12 VFT grey with dark grey and white - Location 2972	5 Phases:		
	a) Homogeneous, grey, consolidated, vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, yellow, soft, sticky material on the back of vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
	c) Homogeneous, grey, levelling compound.	None Detected	Cellulose 5-10% Non-Fibrous Material > 75%
	d) Homogeneous, off-white, consolidated, vinyl floor tile.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
	e) Homogeneous, yellow, soft, sticky material on the back of off-white vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
S0004A 12 x 12 VFT grey with white fleck - Location 2972	3 Phases:		
	a) Homogeneous, grey, consolidated, vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, yellow, soft, sticky material on the back of vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
	c) Homogeneous, beige, levelling compound.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase c) is small in size. For more reliable results, a larger sample is required.		



Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project Name: Hamilton-Wentworth District School Board,
Norwood Park Elementary School, 165 Terrace Drive, Hamilton, ON
Project No.: 0234968.014
Prepared For: S. Holmquist / J. Cozzitorto / E. Peplinski
Lab Reference No.: b214544
Date Analyzed: July 29, 2019

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0004B 12 x 12 VFT grey with white fleck - Location 2972	4 Phases: a) Homogeneous, grey, consolidated, vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, yellow, soft, sticky material on the back of vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
	c) Homogeneous, black, soft, sticky material on the back of vinyl floor tile.	Chrysotile 0.5-5%	Tar and other non-fibrous > 75%
	d) Homogeneous, grey, levelling compound.	None Detected	Non-Fibrous Material > 75%
S0004C 12 x 12 VFT grey with white fleck - Location 2981	4 Phases: a) Homogeneous, grey, consolidated, vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, yellow, soft, sticky material on the back of vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
	c) Homogeneous, black, soft, sticky material on the back of vinyl floor tile.		Not Analyzed
	d) Homogeneous, grey, levelling compound.	None Detected	Non-Fibrous Material > 75%
Comments:	Analysis of phase c) was stopped due to a previous positive result.		



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hamilton-Wentworth District School Board,
Norwood Park Elementary School, 165 Terrace Drive, Hamilton, ON

Project No.: 0234968.014

Prepared For: S. Holmquist / J. Cozzitorto / E. Peplinski

Lab Reference No.: b214544

Date Analyzed: July 29, 2019

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0005A DJC on east wall - Location 2972	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0005B DJC on east wall - Location 2972	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0005C DJC on east wall - Location 2972	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
S0006A White caulking on glass blocks - Location 2972	Homogeneous, beige, caulking material.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
S0006B White caulking on glass blocks - Location 2972			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0006C White caulking on glass blocks - Location 2972			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0007A Grey VFT under millwork - Location 2972	2 Phases: a) Homogeneous, grey, consolidated, vinyl floor tile.	Chrysotile 5-10%	Non-Fibrous Material > 75%
	b) Homogeneous, black, soft, sticky material on the back of vinyl floor tile.	Chrysotile 5-10%	Tar and other non-fibrous > 75%
S0007B Grey VFT under millwork - Location 2972			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hamilton-Wentworth District School Board,
Norwood Park Elementary School, 165 Terrace Drive, Hamilton, ON
Project No.: 0234968.014
Prepared For: S. Holmquist / J. Cozzitorto / E. Peplinski
Lab Reference No.: b214544
Date Analyzed: July 29, 2019

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0007C Grey VFT under millwork - Location 2972			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0008A Parging cement - Steam line - Location 2984	Homogeneous, soft, parging cement.	Chrysotile > 75%	Non-Fibrous Material 10-25%
S0008B Parging cement -Steam line - Location 2984			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0008C Parging cement - Steam line - Location 2980			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0009A Preformed insulation - Steam line - Location 2984	Homogeneous, white, chalky material with fibres.	Chrysotile 10-25%	Non-Fibrous Material > 75%
S0009B Preformed insulation - Steam line - Location 2984			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0009C Preformed insulation - Steam line - Location 2980			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0010A White sink mastic - Location 2972	Homogeneous, white, soft, adhesive material.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hamilton-Wentworth District School Board,
Norwood Park Elementary School, 165 Terrace Drive, Hamilton, ON
Project No.: 0234968.014
Prepared For: S. Holmquist / J. Cozzitorto / E. Peplinski
Lab Reference No.: b214544
Date Analyzed: July 29, 2019

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0010B White sink mastic - Location 2972	Homogeneous, white, soft, adhesive material.	None Detected	Non-Fibrous Material > 75%
S0010C White sink mastic - Location 3001	Homogeneous, grey, soft, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0011A Cementitious Fireproofing - Location 2972	Homogeneous, grey, hard, cementitious material.	None Detected	Cellulose < 0.5% Non-Fibrous Material > 75%
S0011B Cementitious Fireproofing - Location 3000	Homogeneous, grey, hard, cementitious material.	None Detected	Cellulose < 0.5% Non-Fibrous Material > 75%
S0011C Cementitious Fireproofing - Location 2981	Homogeneous, grey, hard, cementitious material.	None Detected	Cellulose < 0.5% Non-Fibrous Material > 75%
S0012A Hard white caulking around millwork - Location 2972	Homogeneous, white, caulking material.	None Detected	Non-Fibrous Material > 75%
S0012B Hard white caulking around millwork - Location 2972	Homogeneous, white, caulking material.	None Detected	Non-Fibrous Material > 75%
S0012C Hard white caulking around millwork - Location 2972	Homogeneous, white, caulking material.	None Detected	Non-Fibrous Material > 75%

Reviewed by:

Reporting Analyst:

Analyzed by: JRB July 29/19
 Reviewed by: KC (44)
 Report Sent by: KB

Instructions:

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

Client Name:	Hamilton-Wentworth District School Board	Project Address:	165 Terrace Drive, Hamilton, ON
Portfolio/Building No:	Norwood Park Elementary School	Pinchin File:	234968.014
Submitted by:	Stephen Holmquist	Email:	sholmquist@pinchin.com
CC Results to:	Jessica Cozzitorto, Evan Peplinski	CC Email:	jcozzitorto@pinchin.com,
Invoice to:	Accounts Payable	Invoice Email:	ap@pinchin.com
Date Submitted:	July 24 2019	Required by:	July 26 2019
# of Samples:	233	Priority:	Rush Turnaround
Year of Building Construction (Mandatory Field):			
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):			Pinchin

To be Completed by Lab Personnel Only:

Lab Reference #:	214544	Time:	24 hour clock
Received by:	JUL 25 2019 JU	Date:	Month Day Year
Name(s) of Analyst(s):	JRB / LD / TT / TTL / WM		
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
	S0001	A	Roofing Material - North Side of Roof - Location 0
	S0001	B	Roofing Material - Center of Roof - Location 0
	S0001	C	Roofing Material - South Side of Roof - Location 0
	S0002	A	Grey caulking around metal louvre - Location 0 a) ND b) CH 0.5-52
	S0002	B	Grey caulking around metal louvre - Location 0 a) ND b) NA

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
	S0002	C	Grey caulking around metal louvre - Location 0 a) ND b) NA
	S0003	A	12 x 12 VFT grey with dark grey and white - Location 2972 a) ND b) ND c) CH 5-109
	S0003	B	12 x 12 VFT grey with dark grey and white - Location 2972 a) ND b) ND c) ND d) CH 5-109 e) CH 0.5-5
JPS	S0003	C	12 x 12 VFT grey with dark grey and white - Location 2972 a) ND b) ND c) ND d) CH 0.5-5 e) ND
LD	S0004	A	12 x 12 VFT grey with white fleck - Location 2972 a) ND b) ND c) ND
JPS	S0004	B	12 x 12 VFT grey with white fleck - Location 2972 a) ND b) ND c) CH 0.5-5 d) ND
	S0004	C	12 x 12 VFT grey with white fleck - Location 2981 a) ND b) ND c) NA d) ND
TT	S0005	A	DJC on east wall - Location 2972 ND
	S0005	B	DJC on east wall - Location 2972 ND
	S0005	C	DJC on east wall - Location 2972 ND
LD	S0006	A	White caulking on glass blocks - Location 2972 CH 0.5-5
	S0006	B	White caulking on glass blocks - Location 2972 NA
	S0006	C	White caulking on glass blocks - Location 2972 NA
	S0007	A	Grey VFT under millwork - Location 2972 a) CH 0.5-5 b) CH 0.5-5 c) CH 0.5-5
	S0007	B	Grey VFT under millwork - Location 2972 NA

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
	S0007	C	Grey VFT under millwork - Location 2972 NA
	S0008	A	Canvas over parging - Steam line - Location 2984 CH 2759.
	S0008	B	Canvas over parging - Steam line - Location 2984 NA
	S0008	C	Canvas over parging - Steam line - Location 2980 NA
	S0009	A	Canvas over preformed - Steam line - Location 2984 CH 10-259.
	S0009	B	Canvas over preformed - Steam line - Location 2984 NA
	S0009	C	Canvas over preformed - Steam line - Location 2980 NA
	S0010	A	White sink mastic - Location 2972 ND
	S0010	B	White sink mastic - Location 2972 ND
	S0010	C	White sink mastic - Location 3001 ND
	S0011	A	Cementitious Fireproofing - Location 2972 ND
	S0011	B	Cementitious Fireproofing - Location 3000 ND
	S0011	C	Cementitious Fireproofing - Location 2981 ND
	S0012	A	Hard white caulking around millwork - Location 2972 ND
	S0012	B	Hard white caulking around millwork - Location 2972 ND

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
TTL 32	S0012	C	Hard white caulking around millwork - Location 2972 ND
	S0013	A	Cream baseboard mastic - Location 2972
	S0013	B	Cream baseboard mastic - Location 2981
	S0013	C	Cream baseboard mastic - Location 2981
	S0014	A	24 x 48 Lay-in pinhole with random fleck - Location 2981
	S0014	B	24 x 48 Lay-in pinhole with random fleck - Location 2981
	S0014	C	24 x 48 Lay-in pinhole with random fleck - Location 2980
	S0015	A	9 x 9 VFT Grey with black and beige - Location 3001
	S0015	B	9 x 9 VFT Grey with black and beige - Location 3001
	S0015	C	9 x 9 VFT Grey with black and beige - Location 3000
	S0016	A	Gold sink undercoating - Location 3001
	S0016	B	Gold sink undercoating - Location 3001
	S0016	C	Gold sink undercoating - Location 3001
	S0017	A	Preformed tank insulation - Location 3001
	S0017	B	Preformed tank insulation - Location 3001



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hamilton-Wentworth District School Board, Norwood Park Elementary School
165 Terrace Drive, Hamilton, ON
Project No.: 0234968.014
Prepared For: S. Holmquist
Lab Reference No.: b214546
Analyst(s): T. Ly / L. DeCurtis / W. Mirza / K. Cockburn
Date Received: July 25, 2019
Date Analyzed: July 29, 2019
Samples submitted: 27
Phases analyzed: 22

Method of Analysis:

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

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

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

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

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-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples,' and the 'EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials'; and meets all requirements of ISO/IEC 17025:2005.

This report relates only to the items tested.

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



Pinchin Ltd. Asbestos Laboratory

Certificate of Analysis

Project Name: Hamilton-Wentworth District School Board, Norwood Park Elementary School
 165 Terrace Drive, Hamilton, ON
Project No.: 0234968.014
Prepared For: S. Holmquist

Lab Reference No.: b214546
Date Analyzed: July 29, 2019

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0013A Cream baseboard mastic - Location 2972	Homogeneous, yellow, adhesive material.	None Detected	Non-Fibrous Material > 75%
S0013B Cream baseboard mastic - Location 2981	Homogeneous, yellow, adhesive material.	None Detected	Non-Fibrous Material > 75%
S0013C Cream baseboard mastic - Location 2981	Homogeneous, yellow, adhesive material.	None Detected	Non-Fibrous Material > 75%
S0015A 9 x 9 VFT Grey with black and beige - Location 3001	2 Phases: a) Homogeneous, grey, consolidated, vinyl floor tile.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
	b) Homogeneous, black, soft, sticky material on the back of vinyl floor tile.	Chrysotile 5-10%	Tar and other non- fibrous > 75%
S0015B 9 x 9 VFT Grey with black and beige - Location 3001			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0015C 9 x 9 VFT Grey with black and beige - Location 3000			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0016A Gold sink undercoating - Location 3001	Homogeneous, gold and black, tar material.	Chrysotile 0.5-5%	Tar and other non- fibrous > 75%
S0016B Gold sink undercoating - Location 3001			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hamilton-Wentworth District School Board, Norwood Park Elementary School
 165 Terrace Drive, Hamilton, ON
Project No.: 0234968.014
Prepared For: S. Holmquist

Lab Reference No.: b214546
Date Analyzed: July 29, 2019

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0016C Gold sink undercoating - Location 3001			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0017A Preformed tank insulation - Location 3001	Homogeneous, beige, porous, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0017B Preformed tank insulation - Location 3001	Homogeneous, beige, porous, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0017C Preformed tank insulation - Location 3001	Homogeneous, beige, porous, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0019A Hard grey caulking - Location 0	Homogeneous, beige, caulking material.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
S0019B Hard grey caulking - Location 3001			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0019C Hard grey caulking - Location 3001			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0021A Light grey caulking on windows - Location 3001	Homogeneous, grey, rubbery, caulking material.	None Detected	Non-Fibrous Material > 75%
Comments:	Foam is present on the surface of this sample.		
S0021B Light grey caulking on windows - Location 3001	Homogeneous, grey, rubbery, caulking material.	None Detected	Non-Fibrous Material > 75%
Comments:	Foam is present on the surface of this sample.		



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: Hamilton-Wentworth District School Board, Norwood Park Elementary School
165 Terrace Drive, Hamilton, ON
Project No.: 0234968.014
Prepared For: S. Holmquist
Lab Reference No.: b214546
Date Analyzed: July 29, 2019

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0021C Light grey caulking on windows - Location 3001	Homogeneous, grey, rubbery, caulking material.	None Detected	Non-Fibrous Material > 75%
Comments:	Foam is present on the surface of this sample.		
S0023A Brown baseboard mastic - Location 3001	Homogeneous, brown, adhesive material.	None Detected	Non-Fibrous Material > 75%
S0023B Brown baseboard mastic - Location 3000	Homogeneous, brown, adhesive material.	None Detected	Non-Fibrous Material > 75%
S0023C Brown baseboard mastic - Location 3000	Homogeneous, brown, adhesive material.	None Detected	Non-Fibrous Material > 75%
S0024A Texture coat on masonry wall - Location 3000	2 Phases: a) Homogeneous, beige, hard, cementitious material.	None Detected	Talc 0.5-5% Non-Fibrous Material > 75%
	b) Homogeneous, grey, finishing or texture coat.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase a) is small in size. For more reliable results, a larger sample is required.		
S0024B Texture coat on masonry wall - Location 3001	2 Phases: a) Homogeneous, beige, hard, cementitious material.	None Detected	Talc 0.5-5% Non-Fibrous Material > 75%
	b) Homogeneous, grey, finishing or texture coat.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase a) is very small in size. For more reliable results, a larger sample is required.		



Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project Name: Hamilton-Wentworth District School Board, Norwood Park Elementary School
165 Terrace Drive, Hamilton, ON
Project No.: 0234968.014
Prepared For: S. Holmquist
Lab Reference No.: b214546
Date Analyzed: July 29, 2019

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0024C Texture coat on masonry wall - Location 2981	2 Phases: a) Homogeneous, beige, hard, cementitious material.	None Detected	Talc 0.5-5% Non-Fibrous Material > 75%
	b) Homogeneous, red, finishing or texture coat.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase a) is very small in size. For more reliable results, a larger sample is required.		

Reviewed by:

Reporting Analyst:



Analyzed by: TL

Reviewed by: HB
HB

Report Sent by: HB

Instructions:

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

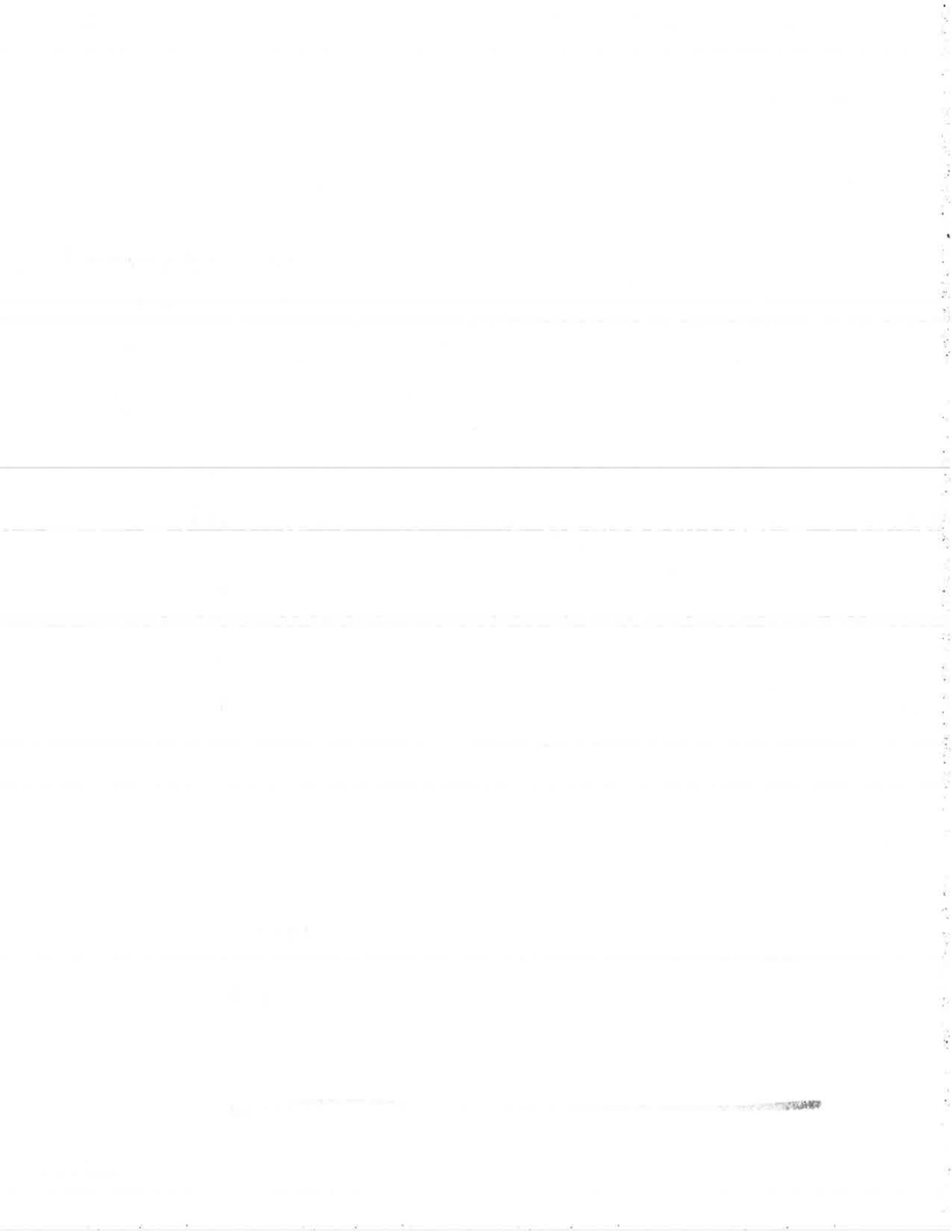
Client Name:	Hamilton-Wentworth District School Board	Project Address:	165 Terrace Drive, Hamilton, ON
Portfolio/Building No:	Norwood Park Elementary School	Pinchin File:	234968.014
Submitted by:	Stephen Holmquist	Email:	sholmquist@pinchin.com
CC Results to:	Jessica Cozzitorto, Evan Peplinski	CC Email:	jcozzitorto@pinchin.com
Invoice to:	Accounts Payable	Invoice Email:	ap@pinchin.com
Date Submitted:	July 24 2019	Required by:	July 26 2019
# of Samples:	439	Priority:	Rush Turnaround
Year of Building Construction (Mandatory Field):			
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):			Pinchin

To be Completed by Lab Personnel Only:			
Lab Reference #:	b214546	Time:	24 hour clock
Received by:	July 25, 2019 JR	Date:	Month Day Year
Name(s) of Analyst(s):	TL/LD/WM/KC		7 29 19
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
	S0013	A	Cream baseboard mastic - Location 2972 ND
	S0013	B	Cream baseboard mastic - Location 2981 ND
	S0013	C	Cream baseboard mastic - Location 2981 ND
X	S0014	A	Please hold off on analysis until further notice
X	S0014	B	Please hold off on analysis until further notice
X	S0014	C	Please hold off on analysis until further notice

$$3 + 7 + 12 = 22$$

PS Y

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
	S0015	A	9 x 9 VFT Grey with black and beige - Location 3001 a) CH 0.5-5'/. b) CH 5-10'/. NA
	S0015	B	9 x 9 VFT Grey with black and beige - Location 3001 NA
	S0015	C	9 x 9 VFT Grey with black and beige - Location 3000 NA
	S0016	A	Gold sink undercoating - Location 3001 CH 0.5-5'/. NA
	S0016	B	Gold sink undercoating - Location 3001 NA
	S0016	C	Gold sink undercoating - Location 3001 NA
	S0017	A	Preformed tank insulation - Location 3001 ND
	S0017	B	Preformed tank insulation - Location 3001 ND
	S0017	C	Preformed tank insulation - Location 3001 ND
	S0018	A	Please hold off on analysis until further notice
	S0018	B	Please hold off on analysis until further notice
	S0018	C	Please hold off on analysis until further notice
	S0019	A	Hard grey caulking - Location 0 CH 0.5-5'/. NA
	S0019	B	Hard grey caulking - Location 3001 NA
	S0019	C	Hard grey caulking - Location 3001 NA
	S0020	A	Please hold off on analysis until further notice



Julieth RomeroOran

From: Stephen Holmquist
Sent: Thursday, July 25, 2019 9:32 AM
To: Asbestos Samples Submission; Asbestos Inquiry
Cc: Jessica Cozzitorto; Kendra Bertuzzi; Karina Cockburn
Subject: 234968.014 REVISED Asbestos CoC 165 Terrace Dr Hamilton HWDSB WC
Attachments: 234968.014 REVISED Asbestos CoC 165 Terrace Dr Hamilton HWDSB WC.XLS

Hi There,

Please find the attached REVISED COC that was sent out yesterday for Rush turnaround time.

We removed the following samples;

S0014A-C ✓
S0020A-C ✓
S0022A-C ✓

Regards,

Stephen Holmquist
Project Technologist, Hazardous Materials

Pinchin Ltd.

6-875 Main Street West, Suite 200, Hamilton, ON L8S 4P9
C: 289.339.8072 | pinchin.com

6214546

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
X	S0020	B	Please hold off on analysis until further notice
X	S0020	C	Please hold off on analysis until further notice
	S0021	A	Light grey caulking on windows - Location 3001 ND
	S0021	B	Light grey caulking on windows - Location 3001 ND
	S0021	C	Light grey caulking on windows - Location 3001 ND
X	S0022	A	Please hold off on analysis until further notice
X	S0022	B	Please hold off on analysis until further notice
X	S0022	C	Please hold off on analysis until further notice
	S0023	A	Brown baseboard mastic - Location 3001 ND
	S0023	B	Brown baseboard mastic - Location 3000 ND
	S0023	C	Brown baseboard mastic - Location 3000 ND
	S0024	A	Texture coat on masonry wall - Location 3000 a) ND (small) b) ND
	S0024	B	Texture coat on masonry wall - Location 3001 a) ND (small) b) ND
	S0024	C	Texture coat on masonry wall - Location 2981 a) ND (small) b) ND



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and
40 CFR, Part 763, Subpart E, App.E



Customer: Pinchin Ltd.
6-875 Main St West, Suite 200
Hamilton, ON L8S 4R9

Attn: Cody Kool
Jessica Cozzitorto

Lab Order ID: 10014607
Analysis: PLM
Date Received: 01/23/2023
Date Reported: 01/30/2023

Project:

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S0025A	Wall,Paint,Textured,Loc:3003,Corridor 2	None Detected		100% Other	Green Non-Fibrous Heterogeneous
10014607_0001					Crushed, Dissolved
S0025B	Wall,Paint,Textured,Loc:3003,Corridor 2	None Detected		100% Other	Green Non-Fibrous Heterogeneous
10014607_0002					Crushed, Dissolved
S0025C	Wall,Paint,Textured,Loc:3004,Kendergarten Washrooms	None Detected		100% Other	Beige Non-Fibrous Heterogeneous
10014607_0003					Dissolved, Crushed
S0025D	Wall,Paint,Textured,Loc:2984,Corridor	None Detected		100% Other	Green Non-Fibrous Heterogeneous
10014607_0004					Dissolved, Crushed
S0025E	Wall,Paint,Textured,Loc:2943,Girls Washroom 1	None Detected		100% Other	Green Non-Fibrous Heterogeneous
10014607_0005					Crushed, Dissolved
S0025F	Wall,Paint,Textured,Loc:2947,Boys Washroom 1	None Detected		100% Other	Green Non-Fibrous Heterogeneous
10014607_0006					Dissolved, Crushed
S0025G	Wall,Paint,Textured,Loc:3005,Gymnasium And Stage	None Detected		100% Other	Blue Non-Fibrous Heterogeneous
10014607_0007					Dissolved, Crushed
S0026A	Expansion Joint,Loc:3003,Corridor 2	6% Chrysotile		94% Other	Gray Non-Fibrous Homogeneous
10014607_0008					Ashed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogenous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Byron Stroble (62)

Nathaniel J. Durham

Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and
40 CFR, Part 763, Subpart E, App.E



Customer: Pinchin Ltd.
6-875 Main St West, Suite 200
Hamilton, ON L8S 4R9

Attn: Cody Kool
Jessica Cozzitorto

Lab Order ID: 10014607
Analysis: PLM
Date Received: 01/23/2023
Date Reported: 01/30/2023

Project:

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S0026B	Expansion Joint, Loc: 3003, Corridor 2	Not Analyzed			
10014607_0009					
S0026C	Expansion Joint, Loc: 3003, Corridor 2	Not Analyzed			
10014607_0010					
S0027A - A	Floor, Vinyl Floor Tile And Mastic, 12 X 12 Beige With Fleck, Loc: 2999, Staff Washroom	None Detected		100% Other	Cream Non-Fibrous Homogeneous
10014607_0011	tile				Dissolved
S0027A - B	Floor, Vinyl Floor Tile And Mastic, 12 X 12 Beige With Fleck, Loc: 2999, Staff Washroom	None Detected		100% Other	Black Non-Fibrous Homogeneous
10014607_0051	mastic				Dissolved
S0027B - A	Floor, Vinyl Floor Tile And Mastic, 12 X 12 Beige With Fleck, Loc: 2999, Staff Washroom	None Detected		100% Other	Cream Non-Fibrous Homogeneous
10014607_0012	tile				Dissolved
S0027B - B	Floor, Vinyl Floor Tile And Mastic, 12 X 12 Beige With Fleck, Loc: 2999, Staff Washroom	None Detected		100% Other	Black Non-Fibrous Homogeneous
10014607_0052	mastic				Dissolved
S0027C - A	Floor, Vinyl Floor Tile And Mastic, 12 X 12 Grey With Fleck, Loc: 2959, Washroom	None Detected		100% Other	Cream Non-Fibrous Homogeneous
10014607_0013	tile - ashed				Ashed
S0027C - B	Floor, Vinyl Floor Tile And Mastic, 12 X 12 Grey With Fleck, Loc: 2959, Washroom	None Detected		100% Other	Black Non-Fibrous Homogeneous
10014607_0053					Dissolved

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Byron Stroble (62)

Nathaniel J. Durham

Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and
40 CFR, Part 763, Subpart E, App.E



Customer: Pinchin Ltd.
6-875 Main St West, Suite 200
Hamilton, ON L8S 4R9

Attn: Cody Kool
Jessica Cozzitorto

Lab Order ID: 10014607
Analysis: PLM
Date Received: 01/23/2023
Date Reported: 01/30/2023

Project:

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S0028A	Wall,Paint,Smooth,Loc:3003, Corridor 2	None Detected		100% Other	Gray, White Non-Fibrous Heterogeneous
10014607_0014					Dissolved, Crushed
S0028B	Wall,Paint,Smooth,Loc:2999, Staff Washroom	None Detected		100% Other	Gray, White Non-Fibrous Heterogeneous
10014607_0015					Crushed, Dissolved
S0028C	Wall,Paint,Smooth,Loc:3004, Kendergarten Washrooms	None Detected		100% Other	Gray, Tan Non-Fibrous Heterogeneous
10014607_0016					Crushed, Dissolved
S0028D	Wall,Paint,Smooth,Loc:2984, Corridor	None Detected		100% Other	Gray, Tan Non-Fibrous Heterogeneous
10014607_0017					Dissolved, Crushed
S0028E	Wall,Paint,Smooth,Loc:2943, Girls Washroom 1	None Detected		100% Other	White, Gray Non-Fibrous Heterogeneous
10014607_0018					Crushed, Dissolved
S0028F	Wall,Paint,Smooth,Loc:2947, Boys Washroom 1	None Detected		100% Other	White, Gray Non-Fibrous Heterogeneous
10014607_0019					Crushed, Dissolved
S0028G	Wall,Paint,Smooth,Loc:2984, Corridor	None Detected		100% Other	Gray, White Non-Fibrous Heterogeneous
10014607_0020					Crushed, Dissolved
S0029A	Floor,Terrazzo,Yellow And Green,Loc:3004,Kendergarten Washrooms	None Detected		100% Other	Green, White Non-Fibrous Homogeneous
10014607_0021					Crushed

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Byron Stroble (62)

Nathaniel J. Durham

Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and
40 CFR, Part 763, Subpart E, App.E



Customer: Pinchin Ltd.
6-875 Main St West, Suite 200
Hamilton, ON L8S 4R9

Attn: Cody Kool
Jessica Cozzitorto

Lab Order ID: 10014607
Analysis: PLM
Date Received: 01/23/2023
Date Reported: 01/30/2023

Project:

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S0029B	Floor,Terrazzo,Yellow And Green,Loc:2943,Girls Washroom 1	None Detected		100% Other	White, Green Non-Fibrous Homogeneous
10014607_0022					Crushed
S0029C	Floor,Terrazzo,Yellow And Green,Loc:2947,Boys Washroom 1	None Detected		100% Other	White, Green Non-Fibrous Homogeneous
10014607_0023					Crushed
S0030A	Wall,Drywall And Joint Compound,Loc:2943,Girls Washroom 1	None Detected		100% Other	White Non-Fibrous Homogeneous
10014607_0024					Teased
S0030B	Wall,Drywall And Joint Compound,Loc:2947,Boys Washroom 1	None Detected		100% Other	White Non-Fibrous Homogeneous
10014607_0025					Teased
S0030C	Wall,Drywall And Joint Compound,Loc:2970,Female Staff Washroom And Storage	None Detected		100% Other	White Non-Fibrous Homogeneous
10014607_0026					Teased
S0031A - A	Floor,Vinyl Floor Tile And Mastic,9x9 Grey And Green,Loc:2956,Storage	5% Chrysotile		95% Other	Gray Non-Fibrous Homogeneous
10014607_0027	tile				Dissolved
S0031A - B	Floor,Vinyl Floor Tile And Mastic,9x9 Grey And Green,Loc:2956,Storage	6% Chrysotile		94% Other	Black Non-Fibrous Homogeneous
10014607_0054	mastic				Dissolved
S0031B - A	Floor,Vinyl Floor Tile And Mastic,9x9 Grey And Green,Loc:2956,Storage	Not Analyzed			
10014607_0028	tile				

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Byron Stroble (62)

Nathaniel J. Durham

Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and
40 CFR, Part 763, Subpart E, App.E



Customer: Pinchin Ltd.
6-875 Main St West, Suite 200
Hamilton, ON L8S 4R9

Attn: Cody Kool
Jessica Cozzitorto

Lab Order ID: 10014607
Analysis: PLM
Date Received: 01/23/2023
Date Reported: 01/30/2023

Project:

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S0031B - B	Floor,Vinyl Floor Tile And Mastic,9x9 Grey And Green,Loc:2956,Storage	Not Analyzed			
10014607_0055	mastic				
S0031C - A	Floor,Vinyl Floor Tile And Mastic,9x9 Grey And Green,Loc:2956,Storage	Not Analyzed			
10014607_0029	tile				
S0031C - B	Floor,Vinyl Floor Tile And Mastic,9x9 Grey And Green,Loc:2956,Storage	Not Analyzed			
10014607_0056	mastic				
S0032A - A	Floor,Vinyl Floor Tile And Mastic,12 X 12 Grey With Grey And White Fleck,Loc:3005,Gymnasium	6% Chrysotile		94% Other	Gray Non-Fibrous Homogeneous
10014607_0030	tile				Dissolved
S0032A - B	Floor,Vinyl Floor Tile And Mastic,12 X 12 Grey With Grey And White Fleck,Loc:3005,Gymnasium	6% Chrysotile		94% Other	Black Non-Fibrous Homogeneous
10014607_0057	mastic				Dissolved
S0032B - A	Floor,Vinyl Floor Tile And Mastic,12 X 12 Grey With Grey And White Fleck,Loc:3005,Gymnasium	Not Analyzed			
10014607_0031	tile				
S0032B - B	Floor,Vinyl Floor Tile And Mastic,12 X 12 Grey With Grey And White Fleck,Loc:3005,Gymnasium	Not Analyzed			
10014607_0058	mastic				
S0032C - A	Floor,Vinyl Floor Tile And Mastic,12 X 12 Grey With Grey And White Fleck,Loc:3005,Gymnasium	Not Analyzed			
10014607_0032	tile				

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Byron Stroble (62)

Nathaniel J. Durham

Analyst

Approved Signatory

Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and
40 CFR, Part 763, Subpart E, App.E



Customer: Pinchin Ltd.
6-875 Main St West, Suite 200
Hamilton, ON L8S 4R9

Attn: Cody Kool
Jessica Cozzitorto

Lab Order ID: 10014607
Analysis: PLM
Date Received: 01/23/2023
Date Reported: 01/30/2023

Project:

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S0032C - B	Floor,Vinyl Floor Tile And Mastic,12 X 12 Grey With Grey And White Fleck,Loc:3005,Gymnasium	Not Analyzed			
10014607_0059	mastic				
S0033A	Piping,Rain Water Leader,Parging Cement,Over Horsehair,Loc:3005,Gymnasium And Stage	30% Chrysotile	40% Hair	30% Other	White, Brown Fibrous Heterogeneous
10014607_0033					Teased
S0033B	Piping,Rain Water Leader,Parging Cement,Over Horsehair,Loc:3005,Gymnasium And Stage	Not Analyzed			
10014607_0034					
S0033C	Piping,Rain Water Leader,Parging Cement,Over Horsehair,Loc:3005,Gymnasium And Stage	Not Analyzed			
10014607_0035					
S0034A - A	Floor,Vinyl Floor Tile And Mastic,12 X 12 White And Light Blue With Flecks,Loc:2970,Female Staff	None Detected		100% Other	White Non-Fibrous Homogeneous
10014607_0036	tile				Dissolved
S0034A - B	Floor,Vinyl Floor Tile And Mastic,12 X 12 White And Light Blue With Flecks,Loc:2970,Female Staff	3% Chrysotile		97% Other	Black Non-Fibrous Homogeneous
10014607_0060	mastic				Dissolved
S0034B - A	Floor,Vinyl Floor Tile And Mastic,12 X 12 White And Light Blue With Flecks,Loc:2970,Female Staff	None Detected		100% Other	White Non-Fibrous Homogeneous
10014607_0037	tile				Dissolved
S0034B - B	Floor,Vinyl Floor Tile And Mastic,12 X 12 White And Light Blue With Flecks,Loc:2970,Female Staff	Not Analyzed			
10014607_0061	mastic				

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Byron Stroble (62)

Nathaniel J. Durham

Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and
40 CFR, Part 763, Subpart E, App.E



Customer: Pinchin Ltd.
6-875 Main St West, Suite 200
Hamilton, ON L8S 4R9

Attn: Cody Kool
Jessica Cozzitorto

Lab Order ID: 10014607
Analysis: PLM
Date Received: 01/23/2023
Date Reported: 01/30/2023

Project:

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S0034C - A	Floor,Vinyl Floor Tile And Mastic,12 X 12 White And Light Blue With Flecks,Loc:2970,Female Staff	None Detected		100% Other	White Non-Fibrous Homogeneous
10014607_0038	tile - ashed				Ashed
S0034C - B	Floor,Vinyl Floor Tile And Mastic,12 X 12 White And Light Blue With Flecks,Loc:2970,Female Staff	Not Analyzed			
10014607_0062	mastic				
S0035A	Floor,Mortar,Thinset,Loc:2975,Boys Washroom 2	None Detected		100% Other	Gray Non-Fibrous Homogeneous
10014607_0039					Crushed
S0035B	Floor,Mortar,Thinset,Loc:2975,Boys Washroom 2	None Detected		100% Other	Gray Non-Fibrous Homogeneous
10014607_0040					Crushed
S0035C	Floor,Mortar,Thinset,Loc:2976,Girls Washroom 2	None Detected		100% Other	Gray Non-Fibrous Homogeneous
10014607_0041					Crushed
S0036A	Ceiling,Cement Product,Loc:3003,Corridor 2	20% Chrysotile		80% Other	Gray Non-Fibrous Homogeneous
10014607_0042					Crushed
S0036B	Ceiling,Cement Product,Loc:2984,Corridor	Not Analyzed			
10014607_0043					
S0036C	Ceiling,Cement Product,Loc:2984,Corridor	Not Analyzed			
10014607_0044					

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Byron Stroble (62)

Nathaniel J. Durham

Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and
40 CFR, Part 763, Subpart E, App.E



Customer: Pinchin Ltd.
6-875 Main St West, Suite 200
Hamilton, ON L8S 4R9

Attn: Cody Kool
Jessica Cozzitorto

Lab Order ID: 10014607
Analysis: PLM
Date Received: 01/23/2023
Date Reported: 01/30/2023

Project:

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S0037A	Structure,Deck,Paper,Black Felt,Loc:3003,Corridor 2	None Detected	70% Cellulose	30% Other	Black Fibrous Homogeneous
10014607_0045					Dissolved, Teased
S0037B	Structure,Deck,Paper,Black Felt,Loc:2984,Corridor	None Detected	70% Cellulose	30% Other	Black Fibrous Homogeneous
10014607_0046					Dissolved, Teased
S0037C	Structure,Deck,Paper,Black Felt,Loc:2984,Corridor	None Detected	70% Cellulose	30% Other	Black Fibrous Homogeneous
10014607_0047	13				Teased, Dissolved
S0038A	Wall,Adhesive/mastic,Beige Baseboard Mastic,Loc:2999,Staff Washroom	None Detected		100% Other	Beige Non-Fibrous Homogeneous
10014607_0048					Dissolved
S0038B	Wall,Adhesive/mastic,Beige Baseboard Mastic,Loc:2970,Female Staff Washroom And Storage	None Detected		100% Other	Beige Non-Fibrous Homogeneous
10014607_0049					Dissolved
S0038C	Wall,Adhesive/mastic,Beige Baseboard Mastic,Loc:2970,Female Staff Washroom And Storage	None Detected		100% Quartz	Beige Non-Fibrous Homogeneous
10014607_0050					Dissolved

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Byron Stroble (62)

Nathaniel J. Durham

Analyst

Approved Signatory

10014607

Version 1-15-2012

Client:	Pinchin Ltd.	*Instructions: Use Column "B" for your contact info To See an Example Click the bottom Example Tab. 50 Begin Samples with a "<<" above the first sample and end with a ">>" below the last sample. Only Enter your data on the first sheet "Sheet1" Note: Data 1 and Data 2 are optional fields that do not show up on the official report, however they will be included in the electronic data returned to you to facilitate your reintegration of the report data.	Scientific Analytical  Institute 4604 Dundas Dr. Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 Email: lab@sailab.com
Contact:	Cody Kool; Jessica Cozzitorto		
Address:	875 Main Street W, Hamilton, ON		
Phone:	289.339.3840		
Fax:	905.577.6207		
Email:	ckool@pinchin.com jcozzitorto@pinchin.com		
Project:	Stop positive on all samples. Perform ashing on third vinyl floor tile if first two are ND.		
Client Notes:			
P.O. #:	320572.001		
Date Submitted:	01-19-2023		
Analysis:	PLM BULK EPA 600		
TurnAroundTime:	5 Days		

<<	
S0025A	Wall,Paint,Textured,Loc:3003,Corridor 2
S0025B	Wall,Paint,Textured,Loc:3003,Corridor 2
S0025C	Wall,Paint,Textured,Loc:3004,Kendergarten Washrooms
S0025D	Wall,Paint,Textured,Loc:2984,Corridor
S0025E	Wall,Paint,Textured,Loc:2943,Girls Washroom 1
S0025F	Wall,Paint,Textured,Loc:2947,Boys Washroom 1
S0025G	Wall,Paint,Textured,Loc:3005,Gymnasium And Stage
S0026A	Expansion Joint,Loc:3003,Corridor 2
S0026B	Expansion Joint,Loc:3003,Corridor 2
S0026C	Expansion Joint,Loc:3003,Corridor 2
S0027A	Floor,Vinyl Floor Tile And Mastic,12 X 12 Beige With Fleck,Loc:2999,Staff Washroom
S0027B	Floor,Vinyl Floor Tile And Mastic,12 X 12 Beige With Fleck,Loc:2999,Staff Washroom
S0027C	Floor,Vinyl Floor Tile And Mastic,12 X 12 Grey With Fleck,Loc:2959,Washroom
S0028A	Wall,Paint,Smooth,Loc:3003,Corridor 2
S0028B	Wall,Paint,Smooth,Loc:2999,Staff Washroom
S0028C	Wall,Paint,Smooth,Loc:3004,Kendergarten Washrooms
S0028D	Wall,Paint,Smooth,Loc:2984,Corridor
S0028E	Wall,Paint,Smooth,Loc:2943,Girls Washroom 1
S0028F	Wall,Paint,Smooth,Loc:2947,Boys Washroom 1
S0028G	Wall,Paint,Smooth,Loc:2984,Corridor
S0029A	Floor,Terrazzo,Yellow And Green,Loc:3004,Kendergarten Washrooms
S0029B	Floor,Terrazzo,Yellow And Green,Loc:2943,Girls Washroom 1
S0029C	Floor,Terrazzo,Yellow And Green,Loc:2947,Boys Washroom 1
S0030A	Wall,Drywall And Joint Compound,Loc:2943,Girls Washroom 1
S0030B	Wall,Drywall And Joint Compound,Loc:2947,Boys Washroom 1
S0030C	Wall,Drywall And Joint Compound,Loc:2970,Female Staff Washroom And Storage
S0031A	Floor,Vinyl Floor Tile And Mastic,9x9 Grey And Green,Loc:2956,Storage
S0031B	Floor,Vinyl Floor Tile And Mastic,9x9 Grey And Green,Loc:2956,Storage
S0031C	Floor,Vinyl Floor Tile And Mastic,9x9 Grey And Green,Loc:2956,Storage
S0032A	Floor,Vinyl Floor Tile And Mastic,12 X 12 Grey With Grey And White Fleck,Loc:3005,Gymnas
S0032B	Floor,Vinyl Floor Tile And Mastic,12 X 12 Grey With Grey And White Fleck,Loc:3005,Gymnas
S0032C	Floor,Vinyl Floor Tile And Mastic,12 X 12 Grey With Grey And White Fleck,Loc:3005,Gymnas
S0033A	Piping,Rain Water Leader,Parging Cement,Over Horsehair,Loc:3005,Gymnasium And Stage
S0033B	Piping,Rain Water Leader,Parging Cement,Over Horsehair,Loc:3005,Gymnasium And Stage
S0033C	Piping,Rain Water Leader,Parging Cement,Over Horsehair,Loc:3005,Gymnasium And Stage
S0034A	Floor,Vinyl Floor Tile And Mastic,12 X 12 White And Light Blue With Flecks,Loc:2970,Female
S0034B	Floor,Vinyl Floor Tile And Mastic,12 X 12 White And Light Blue With Flecks,Loc:2970,Female
S0034C	Floor,Vinyl Floor Tile And Mastic,12 X 12 White And Light Blue With Flecks,Loc:2970,Female
S0035A	Floor,Mortar,Thinset,Loc:2975,Boys Washroom 2
S0035B	Floor,Mortar,Thinset,Loc:2975,Boys Washroom 2
S0035C	Floor,Mortar,Thinset,Loc:2976,Girls Washroom 2
S0036A	Ceiling,Cement Product,Loc:3003,Corridor 2
S0036B	Ceiling,Cement Product,Loc:2984,Corridor
S0036C	Ceiling,Cement Product,Loc:2984,Corridor
S0037A	Structure,Deck,Paper,Black Felt,Loc:3003,Corridor 2
S0037B	Structure,Deck,Paper,Black Felt,Loc:2984,Corridor
S0037C	Structure,Deck,Paper,Black Felt,Loc:2984,Corridor
S0038A	Wall,Adhesive/mastic,Beige Baseboard Mastic,Loc:2999,Staff Washroom

Accepted



Rejected


 1/23
 10/24
 D. Bulley

S0038B
S0038C
>>

Wall,Adhesive/mastic,Beige Baseboard Mastic,Loc:2970,Female Staff Washroom And Storage
Wall,Adhesive/mastic,Beige Baseboard Mastic,Loc:2970,Female Staff Washroom And Storage

APPENDIX II-B
Lead Analytical Certificates

APPENDIX III

Methodology



1.0 GENERAL

An investigation was conducted to identify the type of Hazardous Building Materials incorporated in the structure and its finishes.

Information regarding the location and condition of hazardous building materials encountered and visually estimated quantities were recorded. The locations of any samples collected were recorded on small-scale plans. As-built drawings and previous reports were referenced where provided.

Sample collection was conducted in accordance with our Standard Operating Procedures.

1.1 Asbestos

The investigation for asbestos included friable and non-friable asbestos-containing materials (ACM). A friable material is a material that when dry can be crumbled, pulverized or powdered by hand pressure, or a material that has already become crushed, pulverized, or powdered.

A separate set of samples was collected of each type of homogenous material suspected to contain asbestos. A homogenous material is defined by the US EPA as material that is uniform in texture and appearance, was installed at one time, and is unlikely to consist of more than one type or formulation of material. The homogeneous materials were determined by visual examination and available information on the phases of construction and prior renovations.

Samples were collected at a rate that is in compliance with the requirements of local regulations and guidelines. The sampling strategy was also based on known ban dates and phase out dates of the use of asbestos; sampling of certain building materials is not conducted after specific construction dates. In addition, to be conservative, several years past these dates are added to account for some uncertainty in the exact start / finish date of construction and associated usage of ACM. In some cases, manufactured products such as asbestos cement pipe were visually identified without sample confirmation.

The asbestos analysis of select materials was completed using a stop-positive approach. Only one result meeting the regulated criteria was required to determine that a material is asbestos-containing, but all samples must be analyzed to conclusively determine that a material is non-asbestos. The laboratory stopped analyzing samples from a homogeneous material once a result equal to or greater than the regulated criteria is detected in any of the samples of that material. All samples of a homogeneous material were analyzed if no asbestos is detected. In some cases, all samples were analyzed in the sample set regardless of result.

The analysis was performed in accordance with Test Method EPA/600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, July 1993.

Analytical results were compared to the following criteria:

Jurisdiction*	Friable	Non-Friable
BC	0.5% ¹	0.5%
Alberta	Any Amount ²	Any Amount ²
Saskatchewan	>0.5% ¹	>1%
Manitoba	0.1% ¹	1%
Ontario	0.5%	0.5%
Nova Scotia	0.5% ¹	0.5%
New Brunswick	1%	1%
Prince Edward Island	1%	1%
Newfoundland and Labrador	1%	1%
Yukon	1%	1%
Nunavut	1%	1%
Northwest Territories	1%	1%
Federal	1%	1%

* If there is a conflict between federal and provincial criteria, the more stringent will apply.

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 were evaluated in order to make recommendations regarding any remedial work. The priority for remedial action was 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)

¹ Or any amount if vermiculite

² The Government of Alberta in their guideline document entitled the “Alberta Asbestos Abatement Manual” (August 2019), defines an Asbestos-Containing Material as a product or building material that contains asbestos in any quantity or percentage.

1.2 Lead

Samples of distinctive paint finishes, and surface coatings present in more than a limited application, where removal of the paint is possible were collected. The samples were collected by scraping the painted finish to include base and covering applications.

Analytical results were compared to the following criteria.

Jurisdiction*	Units (%)	Units (ppm) / (mg/kg)
British Columbia**	0.009	90
Alberta	0.009	90
Saskatchewan	0.009	90
Manitoba	0.009	90
Ontario	0.009	90
Nova Scotia	0.009	90
New Brunswick	0.009	90
Prince Edward Island	0.009	90
Newfoundland	0.009	90
Yukon	0.009	90
Nunavut	0.1	1,000
Northwest Territories	0.1	1,000
Federal	0.009	90

* If there is a conflict between federal and provincial criteria, the more stringent will apply.

** WorkSafe BC health and safety regulations do not numerically define what would be considered a lead-containing paint or coating. In general, paints containing lead >0.009% may require work procedures if disturbed.

Other lead building products (e.g. batteries, lead sheeting, flashing) were identified by visual observation only.

1.3 Silica

Building materials known to contain crystalline silica (e.g. concrete, cement, tile, brick, masonry, mortar) were identified by visual inspection only. Pinchin did not perform sampling of these materials for laboratory analysis of crystalline silica content.



1.4 Mercury

Building materials, products or equipment (e.g. thermostats, barometers, pressure gauges, lamp tubes), suspected to contain mercury were identified by visual inspection only. Dismantling of equipment suspected of containing mercury was not performed. Sampling of these materials for laboratory analysis of mercury content was not performed.

1.5 Polychlorinated Biphenyls

The potential for light ballast and oil filled transformers to contain PCBs was based on the age of the building, a review of maintenance records, and examination of labels or nameplates on equipment, where present and accessible. The information was compared to known ban dates of PCBs and Environment Canada publications.

Dry type transformers were presumed to be free of dielectric fluids and hence non-PCB.

1.6 Visible Mould

The presence of mould or water damage was determined by visual inspection of exposed building surfaces. If any mould growth or water damage was concealed within building cavities it was not addressed in this assessment.

Template: Methodology for Hazardous Building Materials Assessment, HAZ, November 13 2024

APPENDIX IV
Location Summary Report

Client:Hamilton-Wentworth District School Board

Site: 165 Terrace Drive, Hamilton, ON

Building Name: Norwood Park Elementary School

Survey Date:

Last Re-Assessment:

Building Phases: A: 1954

Location No.	Name or Description	Area ft ²	Floor No.	Bldg. Phase	Notes
0	Roof/Exterior	0		A	
1	Tunnel	0	B	A	
2972	Learning Commons, room no. 136/136A	1600	1	A	
2976	Girls Washroom 2, room no. 130	410	1	A	
2984	Corridor, room no. 118	2000	1	A	
2990	Stairwell	400	1/2	A	
2991	Classroom, room no. 211	1100	2	A	
2993	Classroom, room no. 203	1100	2	A	
2995	Classroom, room no. 204	1100	2	A	
3003	Corridor 2, room no. 201	3000	2	A	

APPENDIX V
Hazardous Materials Summary Report / Sample Log

Client:Hamilton-Wentworth District School Board

Site: 165 Terrace Drive, Hamilton, ON

Building Name: Norwood Park Elementary School

Survey Date:

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
Asbestos	S0001 ABC	Other Roofing Material	0	A	0	0	0	100	None Detected	No	
Asbestos	S0002 ABC	Other Caulking	0	A	5	0	0	0	Chrysotile	Yes	NF
Asbestos	S0003 ABC	Floor All Vinyl Floor Tile And Mastic 12 X 12 Grey With Dark Grey And White	2972	A	0	800	0	0	Chrysotile	Yes	NF
Asbestos	S0004 AB	Floor Vinyl Floor Tile And Mastic 12 X 12 Grey With White Fleck	2972	A	0	800	0	0	Chrysotile	Yes	NF
Asbestos	S0005 ABC	Wall Drywall And Joint Compound	2972	A	0	240	0	0	None Detected	No	
Asbestos	S0006 ABC	Other Caulking	2972	A	100	0	0	0	Chrysotile	Yes	NF
Asbestos	S0007 ABC	Floor Vinyl Floor Tile And Mastic Grey	2972	A	0	150	0	0	Chrysotile	Yes	NF
Asbestos	S0010 AB	Other Sink Mastic, White	2972	A	0	0	1	0	None Detected	No	
Asbestos	S0011 A	Other Fireproofing (cementitious) Cementitious Fireproofing	2972	A	500	0	0	0	None Detected	No	
Asbestos	S0012 ABC	Other Caulking	2972	A	40	0	0	0	None Detected	No	
Asbestos	S0013 A	Other Mastic	2972	A	0	0	0	0	None Detected	No	
Asbestos	V0015	Floor Vinyl Floor Tile And Mastic	2991,2993,2995,3003	A	0	6300	0	0	Chrysotile	Yes	NF
Asbestos	V0016	Other Sink Mastic, Gold	2995	A	0	0	1	0	Chrysotile	Yes	NF
Asbestos	S0019 A	Other Caulking Hard Grey Caulking	0	A	100	0	0	0	Chrysotile	Yes	NF
Asbestos	V0021	Other Caulking Light Grey Caulking On Windows	2991,2993,2995	A	510	0	0	0	None Detected	No	
Asbestos	V0023	Other Mastic Brown Baseboard Mastic	2991,2993,2995	A	450	0	0	0	None Detected	No	
Asbestos	V0024	Other, Wall Texture Coat Texture Coat On Masonry Wall	2972,2991,2993,2995	A	0	0	0	100	None Detected	No	
Asbestos	S0025 ABD	Wall Paint Textured	2976,2984,2990,3003	A	0	0	0	100	None Detected	No	
Asbestos	S0026 ABC	Other Expansion Joint Caulking Expansion Joint	2984,3003	A	400	0	0	0	Chrysotile	Yes	NF
Asbestos	S0028 ADG	Wall Paint Smooth	2976,2984,2990,3003	A	0	0	0	100	None Detected	No	
Asbestos	V0029	Floor Terrazzo Yellow And Green	2976,2984,2990	A	0	2750	0	0	None Detected	No	
Asbestos	V0030	Wall Drywall And Joint Compound	2976	A	0	300	0	0	None Detected	No	
Asbestos	S0036	Ceiling All Cement Product	2990,2991,2993,2995	A	0	3700	0	0	Chrysotile	Yes	NF
Asbestos	S0037 ABC	Structure Deck Paper Black Felt	2984,3003	A	0	0	0	100	None Detected	No	
Asbestos	S0040 A	Other Mastic Tackboard Mastic	2991,2993,2995	A	0	240	0	0	None Detected	No	
Asbestos	S0041 ABC	Floor Floor Levelling Compound Under Vinyl Floor Tiles	2972	A	0	1600	0	0	None Detected	No	
Asbestos	V0000	Ceiling Acoustic Tile Ceiling Tiles (lay-in) 24 X 24 Textured	2972	A	0	1595	0	0	Non Asbestos	No	
Asbestos	V0000	Ceiling Acoustic Tile Ceiling Tiles (lay-in) 24 X 48 Pinhole And Fleck	2976,3003	A	0	3410	0	0	Non Asbestos	No	
Asbestos	V0000	Ceiling Drywall And Joint Compound	2972,2976	A	0	0	0	0	Non Asbestos	No	

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
Asbestos	V0000	Other Caulking Grey	2972	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Other Cork	2991,2993,2995	A	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Other Vinyl Sheet Flooring Vinyl Countertop	2995	A	0	30	0	0	Non Asbestos	No	
Paint	L0001	Wall Masonry Off White Paint On Masonry Wall	2972,2976,2984,2990	A	0	0	0	100		Lead (Low)	-
Paint	V0003	Wall Masonry Beige Paint On Masonry Wall	2991,2993,2995	A	0	0	0	0		Lead (Low)	-
Paint	L0005	Wall Masonry Cream	3003	A	0	0	0	100		No	-
Paint	V0007	Wall Masonry Light Blue	2976	A	0	0	0	100		Lead (Low)	-
Paint	V0008	Structure Metal Red On Beam	2976	A	0	0	0	100		Lead (Low)	-
Paint	L0011	Structure Metal Red Primer	1,2972,2976,2984,2991,2993,2995,3003	A	0	0	0	101		Lead (High)	-
Lead Product	V9000	Batteries In Emer. Lights	2984,2990,3003	A	0	0	18	0	Lead Product	Yes	-
Lead Product	V9000	Bell And Spigot Fittings	1,3003	A	0	0	20	0	Lead Product	Yes	-
PCB	P0001	Caulking Hard Grey Caulking	0	A	100	0	0	0	-	No	-
PCB	V9500	Light Ballasts	2972,2976,2984,2990,2991,2993,2995,3003	A	0	0	0	100	Presumed PCB	Yes	-
Hg	V9500	Light Fixture	2976,2984,2990,3003	A	0	0	0	67	Presumed Hg	Yes	-
Hg	V9500	Mercury Vapour Lamp	2991,2993	A	0	0	0	33	Presumed Hg	Yes	-

Legend:

Sample number	
S####	Asbestos sample collected
L####	Paint sample collected
P####	PCB sample collected
M####	Mould sample collected
V####	Material visually similar to numbered sample collected
V0000	Known non Hazardous Material
V9000	Material is visually identified as Hazardous Material
V9500	Material is presumed to be Hazardous Material
[Loc. No.]	Abated Material

Units	
SF	Square feet
LF	Linear feet
EA	Each
%	Percentage

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

APPENDIX VI
All Data Report

ALL DATA REPORT

Client: Hamilton-Wentworth District School Board
Location: #0 : Roof/Exterior
Survey Date: 2026-02-05

Site: Schools
Floor:

Building Name: Norwood Park Elementary School
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Other ¹		Caulking			C	Y		5(7)			LF	S0002ABC	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Other ²		Caulking, Hard grey caulking			C	Y		100(7)			LF	S0019A	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Other		Roofing material			B	Y		100			%	S0001ABC	None Detected	N.D.	None	

1 - Grey Caulking around metal louvre

2 - On brick above metal cladding

Client: Hamilton-Wentworth District School Board
Location: #0 : Roof/Exterior
Survey Date: 2026-02-05

Site: Schools
Floor:

Building Name: Norwood Park Elementary School
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 0

PCB								
Component	Good	Poor	Unit	Sample	Sample Description	Amount	PCB	
Caulking	100		LF	P0001		<0.5 mg/kg	No	

Client: Hamilton-Wentworth District School Board
Location: #1 : Tunnel
Survey Date: 2026-02-05

Site: Schools
Floor: B

Building Name: Norwood Park Elementary School
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Not found															
Duct	Not found															
Floor		Concrete (poured)			A	Y										
Mechanical Equipment	Not found															
Piping		Fibreglass			A	Y										
Piping		Not Insulated			A	Y										
Structure	Deck	Concrete (poured)			C	Y										
Wall		Concrete (poured)			A	Y										

Client: Hamilton-Wentworth District School Board
Location: #1 : Tunnel
Survey Date: 2026-02-05

Site: Schools
Floor: B

Building Name: Norwood Park Elementary School
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 0

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Structure	Metal	100		%	V0011	Red primer	Pb: 0.55 %	Lead (High)	

Client: Hamilton-Wentworth District School Board
Location: #1 : Tunnel
Survey Date: 2026-02-05

Site: Schools
Floor: B

Building Name: Norwood Park Elementary School
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 0

PB PRODUCTS				
Component	Quantity	Unit	Sample	Hazard
Bell And Spigot Fittings	10	EA	V9000	Yes

ALL DATA REPORT

Client: Hamilton-Wentworth District School Board **Site:** Schools
Location: #2972 : Learning Commons **Floor:** 1
Survey Date: 2026-02-05

Building Name: Norwood Park Elementary School
Room #: 136/136A **Area (sqft):** 1600
Last Re-Assessment: 0000-00-00

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling ¹		Drywall and joint compound		Ceiling Tiles (lay-in)	C	Y						V0000	Non-Asbestos		None	
Ceiling	All	Cement Product			C	Y		1595			SF	V9500	[None]	[Abated]	[Abated]	
Ceiling ²	Acoustic tile	Ceiling Tiles (lay-in), 24 x 24 textured			C	Y		1595			SF	V0000	Non-Asbestos		None	
Floor		Vinyl Floor Tile and Mastic, 12 x 12 grey with white fleck			A	Y		800(7)			SF	S0004AB	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Floor ³		Vinyl Floor Tile and Mastic, grey			A	Y		150(7)			SF	S0007ABC	Chrysotile	5-10%	Confirmed Asbestos	NF
Floor		Floor Levelling Compound, Under Vinyl floor tiles			D	N		1600			SF	S0041ABC	None Detected	N.D.	None	
Floor	All	Vinyl Floor Tile and Mastic, 12 x 12 grey with dark grey and white			A	Y		800(7)			SF	S0003ABC	Chrysotile	5-10%	Confirmed Asbestos	NF
Other		Fireproofing (Cementitious), Cementitious fireproofing			C	N		500			LF	S0011A	None Detected	N.D.	None	
Other ⁴		Caulking, Grey			A	Y						V0000	Non-Asbestos		None	
Other ⁵		Caulking			A	Y		40			LF	S0012ABC	None Detected	N.D.	None	
Other ⁶		Mastic			A	Y						S0013A	None Detected	N.D.	None	
Other ⁷		Caulking			C	Y		100(7)			LF	S0006ABC	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Other	Sink	Mastic, White			A	N		1			EA	S0010AB	None Detected	N.D.	None	
Piping	Domestic water (hot and cold)	Not Insulated			B	N										
Piping	Steam supply	Parging Cement	Elbow	Canvas	C	N		4			EA	V0008	[None]	[Abated]	[Abated]	
Piping	Steam supply	Magnesia block	Straight		C	N		200			LF	V0009	[None]	[Abated]	[Abated]	
Structure	Beam deck joist	Metal			C	N										
Wall		Drywall and joint compound			A	Y		240			SF	S0005ABC	None Detected	N.D.	None	
Wall		Drywall (no compound)			A	Y										
Wall	All	Masonry			A	Y										
Wall		Texture Coat, Texture coat on masonry wall			A	Y		100			%	V0024	None Detected	N.D.	None	

- 1 - Installed in 2025.
- 2 - 10/04/19
- 3 - Under millwork
- 4 - Grey caulking - Date stamped 2014
- 5 - Hard white caulking around millwork
- 6 - Cream baseboard mastic
- 7 - White caulking on glass blocks

Client: Hamilton-Wentworth District School Board **Site:** Schools
Location: #2972 : Learning Commons **Floor:** 1
Survey Date: 2026-02-05

Building Name: Norwood Park Elementary School
Room #: 136/136A **Area (sqft):** 1600
Last Re-Assessment: 0000-00-00

PAINT

System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Masonry	100		%	L0001	Off white paint on masonry wall	Pb: 0.034 %	Lead (Low)
Structure	Metal	100		%	V0011	Red primer	Pb: 0.55 %	Lead (High)

Client: Hamilton-Wentworth District School Board Site: Schools
Location: #2972 : Learning Commons Floor: 1
Survey Date: 2026-02-05

Building Name: Norwood Park Elementary School
Room #: 136/136A Area (sqft): 1600
Last Re-Assessment: 0000-00-00

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Mercury Vapour Lamp	100	%		None

Client: Hamilton-Wentworth District School Board Site: Schools
Location: #2972 : Learning Commons Floor: 1
Survey Date: 2026-02-05

Building Name: Norwood Park Elementary School
Room #: 136/136A Area (sqft): 1600
Last Re-Assessment: 0000-00-00

PCB							
Component	Good	Poor	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	100		%	V9500			Presumed

ALL DATA REPORT

Client: Hamilton-Wentworth District School Board
Location: #2976 : Girls Washroom 2
Survey Date: 2026-02-05

Site: Schools
Floor: 1

Building Name: Norwood Park Elementary School
Room #: 130
Last Re-Assessment: 0000-00-00

Area (sqft): 410

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling ¹		Drywall and joint compound			C	Y						V0000	Non-Asbestos		None	
Ceiling ²	Acoustic tile	Ceiling Tiles (lay-in), 24 x 48 pinhole and fleck			C	Y		410			SF	V0000	Non-Asbestos		None	
Duct		Not Insulated			C	N										
Floor		Ceramic Tiles			A	Y										
Floor		Terrazzo, Yellow and green			A	Y		350			SF	V0029	None Detected	N.D.	None	
Floor		Mortar, Thinset		Ceramic Tiles	D	N		50			SF	S0035C	[None]	[Abated]	[Abated]	
Mechanical Equipment	Fan unit	Metal			C	Y										
Other	Sink	Not Insulated			A	Y										
Piping	Drain	Not Insulated	All Pipe		C	N										
Piping	Domestic water (hot and cold)	Not Insulated	All Pipe		A	Y										
Structure	Deck	Metal			C	N										
Wall		Drywall and joint compound			A	Y		300			SF	V0030	None Detected	N.D.	None	
Wall		Masonry			A	Y										
Wall		Paint, Smooth			A	Y		100			%	V0028	None Detected	N.D.	None	
Wall		Paint, Textured			A	Y		100			%	V0025	None Detected	N.D.	None	
Wall		Vermiculite Investigation			A	Y										

1 - Installed in 2025.

2 - 06/05/06

Client: Hamilton-Wentworth District School Board
Location: #2976 : Girls Washroom 2
Survey Date: 2026-02-05

Site: Schools
Floor: 1

Building Name: Norwood Park Elementary School
Room #: 130
Last Re-Assessment: 0000-00-00

Area (sqft): 410

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Masonry	100		%	V0007	Light blue	Pb: .018 %	Lead (Low)
Structure	Metal	100		%	V0008	Red on beam	Pb: .018 %	Lead (Low)
Wall	Masonry	100		%	V0001	Off white paint on masonry wall	Pb: 0.034 %	Lead (Low)
Structure	Metal	100		%	V0011	Red primer	Pb: 0.55 %	Lead (High)

Client: Hamilton-Wentworth District School Board
Location: #2976 : Girls Washroom 2
Survey Date: 2026-02-05

Site: Schools
Floor: 1

Building Name: Norwood Park Elementary School
Room #: 130
Last Re-Assessment: 0000-00-00

Area (sqft): 410

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	100	%	V9500	None

Client: Hamilton-Wentworth District School Board
Site: Schools

Building Name: Norwood Park Elementary School

ALL DATA REPORT

Location: #2976 : Girls Washroom 2
Survey Date: 2026-02-05

Floor: 1

Room #: 130
Last Re-Assessment: 0000-00-00

Area (sqft): 410

PCB							
Component	Good	Poor	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	100		%	V9500			Presumed

ALL DATA REPORT

Client: Hamilton-Wentworth District School Board
Location: #2984 : Corridor
Survey Date: 2026-02-05

Site: Schools
Floor: 1

Building Name: Norwood Park Elementary School
Room #: 118
Last Re-Assessment: 0000-00-00

Area (sqft): 2000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Cement Product			C	Y		2000				S0036BC	[None]	[Abated]	[Abated]	
Duct		Not Insulated			C	N										
Floor		Terrazzo			A	Y		2000			SF	V0029	None Detected	N.D.	None	
Other	Expansion joint	Caulking			A	Y		200(7)			LF	V0026	Chrysotile	5-10%	Confirmed Asbestos	NF
Piping	Steam supply	Parging Cement	Elbow	Canvas	C	N		10			EA	S0008AB	[None]	[Abated]	[Abated]	
Piping	Steam supply	Preformed Block	Straight	Canvas	C	N		300			LF	S0009ABC	[None]	[Abated]	[Abated]	
Structure	Deck	Concrete (poured)			C	N										
Structure	Deck	Paper, Black felt			C	N		100			%	S0037BC	None Detected	N.D.	None	
Wall		Masonry			A	Y										
Wall		Paint, Textured			A	Y		100			%	S0025D	None Detected	N.D.	None	
Wall		Paint, Smooth			A	Y		100			%	S0028DG	None Detected	N.D.	None	

Client: Hamilton-Wentworth District School Board
Location: #2984 : Corridor
Survey Date: 2026-02-05

Site: Schools
Floor: 1

Building Name: Norwood Park Elementary School
Room #: 118
Last Re-Assessment: 0000-00-00

Area (sqft): 2000

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description		Amount	Hazard
Wall	Masonry	100		%	V0001	Off white paint on masonry wall		Pb: 0.034 %	Lead (Low)
Structure	Metal	100		%	V0011	Red primer		Pb: 0.55 %	Lead (High)

Client: Hamilton-Wentworth District School Board
Location: #2984 : Corridor
Survey Date: 2026-02-05

Site: Schools
Floor: 1

Building Name: Norwood Park Elementary School
Room #: 118
Last Re-Assessment: 0000-00-00

Area (sqft): 2000

PB PRODUCTS				
Component	Quantity	Unit	Sample	Hazard
Batteries In Emer. Lights	12	EA	V9000	Yes

Client: Hamilton-Wentworth District School Board
Location: #2984 : Corridor
Survey Date: 2026-02-05

Site: Schools
Floor: 1

Building Name: Norwood Park Elementary School
Room #: 118
Last Re-Assessment: 0000-00-00

Area (sqft): 2000

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	100	%	V9500	None

Client: Hamilton-Wentworth District School Board
Location: #2984 : Corridor
Survey Date: 2026-02-05

Site: Schools
Floor: 1

Building Name: Norwood Park Elementary School
Room #: 118
Last Re-Assessment: 0000-00-00

Area (sqft): 2000

PCB							
Component	Good	Poor	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	100		%	V9500			Presumed

ALL DATA REPORT

Client: Hamilton-Wentworth District School Board
Location: #2990 : Stairwell
Survey Date: 2026-02-05

Site: Schools
Floor: 1/2

Building Name: Norwood Park Elementary School
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 400

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Cement Product			C	Y		400(7)			SF	V0036	Chrysotile	10-25%	Confirmed Asbestos	NF
Duct	Not accessible															
Floor		Terrazzo			A	Y		400			SF	V0029	None Detected	N.D.	None	
Mechanical Equipment	Not accessible															
Piping	Not accessible															
Structure	Not accessible															
Wall		Masonry			A	Y										
Wall		Paint, Textured			A	Y		100			%	V0025	None Detected	N.D.	None	
Wall		Paint, Smooth			A	Y		100			%	V0028	None Detected	N.D.	None	

Client: Hamilton-Wentworth District School Board
Location: #2990 : Stairwell
Survey Date: 2026-02-05

Site: Schools
Floor: 1/2

Building Name: Norwood Park Elementary School
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 400

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Masonry	100		%	V0001	Off white paint on masonry wall	Pb: 0.034 %	Lead (Low)

Client: Hamilton-Wentworth District School Board
Location: #2990 : Stairwell
Survey Date: 2026-02-05

Site: Schools
Floor: 1/2

Building Name: Norwood Park Elementary School
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 400

PB PRODUCTS				
Component	Quantity	Unit	Sample	Hazard
Batteries In Emer. Lights	2	EA	V9000	Yes

Client: Hamilton-Wentworth District School Board
Location: #2990 : Stairwell
Survey Date: 2026-02-05

Site: Schools
Floor: 1/2

Building Name: Norwood Park Elementary School
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 400

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	100	%	V9500	None

Client: Hamilton-Wentworth District School Board
Location: #2990 : Stairwell
Survey Date: 2026-02-05

Site: Schools
Floor: 1/2

Building Name: Norwood Park Elementary School
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 400

PCB							
Component	Good	Poor	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	100		%	V9500			Presumed

ALL DATA REPORT

Client: Hamilton-Wentworth District School Board
Location: #2991 : Classroom
Survey Date: 2026-02-05

Site: Schools
Floor: 2

Building Name: Norwood Park Elementary School
Room #: 211
Last Re-Assessment: 0000-00-00

Area (sqft): 1100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	All	Cement Product			C	Y		1100(7)			SF	V0036	Chrysotile	10-25%	Confirmed Asbestos	NF
Floor		Vinyl Floor Tile and Mastic, 9 x 9 grey with black and beige			A	Y		1100(7)			SF	V0015	Chrysotile	5-10%	Confirmed Asbestos	NF
Other		Texture Coat, Texture coat on masonry wall			A	Y		100			%	V0024	None Detected	N.D.	None	
Other ¹		Cork			A	Y						V0000	Non-Asbestos		None	
Other		Caulking, Light grey caulking on windows			A	Y		170			LF	V0021	None Detected	N.D.	None	
Other ²		Mastic, Tackboard mastic			B	N		80			SF	S0040A	None Detected	N.D.	None	
Other		Mastic, Brown baseboard mastic			A	N		150			LF	V0023	None Detected	N.D.	None	
Other	Sink	Not Insulated			A	Y										
Piping		Not Insulated			C	N										
Piping	Steam supply	Not Insulated			C	N										
Structure	Deck	Concrete (poured)			C	N										
Wall	All	Masonry			A	Y										

1 - Countertop

2 - Behind tackboard

Client: Hamilton-Wentworth District School Board
Location: #2991 : Classroom
Survey Date: 2026-02-05

Site: Schools
Floor: 2

Building Name: Norwood Park Elementary School
Room #: 211
Last Re-Assessment: 0000-00-00

Area (sqft): 1100

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Masonry				V0003	Beige paint on masonry wall	Pb: 0.061 %	Lead (Low)
Structure	Metal	100		%	V0011	Red primer	Pb: 0.55 %	Lead (High)

Client: Hamilton-Wentworth District School Board
Location: #2991 : Classroom
Survey Date: 2026-02-05

Site: Schools
Floor: 2

Building Name: Norwood Park Elementary School
Room #: 211
Last Re-Assessment: 0000-00-00

Area (sqft): 1100

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Mercury Vapour Lamp	100	%	V9500	None

Client: Hamilton-Wentworth District School Board
Location: #2991 : Classroom
Survey Date: 2026-02-05

Site: Schools
Floor: 2

Building Name: Norwood Park Elementary School
Room #: 211
Last Re-Assessment: 0000-00-00

Area (sqft): 1100

PCB							
Component	Good	Poor	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	100		%	V9500			Presumed

ALL DATA REPORT

Client: Hamilton-Wentworth District School Board
Location: #2993 : Classroom
Survey Date: 2026-02-05

Site: Schools
Floor: 2

Building Name: Norwood Park Elementary School
Room #: 203
Last Re-Assessment: 0000-00-00

Area (sqft): 1100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	All	Cement Product			C	Y		1100(7)			SF	V0036	Chrysotile	10-25%	Confirmed Asbestos	NF
Floor		Vinyl Floor Tile and Mastic, 9 x 9 grey with black and beige			A	Y		1100(7)			SF	V0015	Chrysotile	5-10%	Confirmed Asbestos	NF
Other		Texture Coat, Texture coat on masonry wall			A	Y		100			%	V0024	None Detected	N.D.	None	
Other ¹		Cork			A	Y						V0000	Non-Asbestos		None	
Other		Caulking, Light grey caulking on windows			A	Y		170			LF	V0021	None Detected	N.D.	None	
Other ²		Mastic			B	N		80			SF	V0040	None Detected	N.D.	None	
Other		Mastic, Brown baseboard mastic			A	N		150			LF	V0023	None Detected	N.D.	None	
Other	Sink	Not Insulated			A	Y										
Piping		Not Insulated			C	N										
Piping	Steam supply	Not Insulated			C	N										
Structure	Deck	Concrete (poured)			C	N										
Wall	All	Masonry			A	Y										

1 - Countertop

2 - Behind chalkboard

Client: Hamilton-Wentworth District School Board
Location: #2993 : Classroom
Survey Date: 2026-02-05

Site: Schools
Floor: 2

Building Name: Norwood Park Elementary School
Room #: 203
Last Re-Assessment: 0000-00-00

Area (sqft): 1100

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Masonry				V0003	Beige paint on masonry wall	Pb: 0.061 %	Lead (Low)
Structure	Metal	100		%	V0011	Red primer	Pb: 0.55 %	Lead (High)

Client: Hamilton-Wentworth District School Board
Location: #2993 : Classroom
Survey Date: 2026-02-05

Site: Schools
Floor: 2

Building Name: Norwood Park Elementary School
Room #: 203
Last Re-Assessment: 0000-00-00

Area (sqft): 1100

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Mercury Vapour Lamp	100	%	V9500	None

Client: Hamilton-Wentworth District School Board
Location: #2993 : Classroom
Survey Date: 2026-02-05

Site: Schools
Floor: 2

Building Name: Norwood Park Elementary School
Room #: 203
Last Re-Assessment: 0000-00-00

Area (sqft): 1100

PCB							
Component	Good	Poor	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	100		%	V9500			Presumed

ALL DATA REPORT

Client: Hamilton-Wentworth District School Board
Location: #2995 : Classroom
Survey Date: 2026-02-05

Site: Schools
Floor: 2

Building Name: Norwood Park Elementary School
Room #: 204
Last Re-Assessment: 0000-00-00

Area (sqft): 1100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	All	Cement Product			C	Y		1100(7)			SF	V0036	Chrysotile	10-25%	Confirmed Asbestos	NF
Floor		Vinyl Floor Tile and Mastic, 9 x 9 grey with black and beige			A	Y		1100(7)			SF	V0015	Chrysotile	5-10%	Confirmed Asbestos	NF
Other		Vinyl Sheet Flooring, Vinyl countertop			A	Y		30			SF	V0000	Non-Asbestos		None	
Other		Texture Coat, Texture coat on masonry wall			A	Y		100			%	V0024	None Detected	N.D.	None	
Other ¹		Cork			A	Y						V0000	Non-Asbestos		None	
Other		Caulking, Light grey caulking on windows			A	Y		170			LF	V0021	None Detected	N.D.	None	
Other ²		Mastic			B	N		80			SF	V0040	None Detected	N.D.	None	
Other		Mastic, Brown baseboard mastic			A	N		150			LF	V0023	None Detected	N.D.	None	
Other	Sink	Mastic, Gold			A	N		1(7)			EA	V0016	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Piping		Not Insulated			C	N										
Piping	Steam supply	Not Insulated			C	N										
Structure	Deck	Concrete (poured)			C	N										
Wall	All	Masonry			A	Y										

- 1 - Countertop
2 - Behind chalkboard

Client: Hamilton-Wentworth District School Board
Location: #2995 : Classroom
Survey Date: 2026-02-05

Site: Schools
Floor: 2

Building Name: Norwood Park Elementary School
Room #: 204
Last Re-Assessment: 0000-00-00

Area (sqft): 1100

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry				V0003	Beige paint on masonry wall	Pb: 0.061 %	Lead (Low)	
Structure	Metal	108		%	V0011	Red primer	Pb: 0.55 %	Lead (High)	

Client: Hamilton-Wentworth District School Board
Location: #2995 : Classroom
Survey Date: 2026-02-05

Site: Schools
Floor: 2

Building Name: Norwood Park Elementary School
Room #: 204
Last Re-Assessment: 0000-00-00

Area (sqft): 1100

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Mercury Vapour Lamp	100	%		None

Client: Hamilton-Wentworth District School Board
Location: #2995 : Classroom
Survey Date: 2026-02-05

Site: Schools
Floor: 2

Building Name: Norwood Park Elementary School
Room #: 204
Last Re-Assessment: 0000-00-00

Area (sqft): 1100

PCB						
Component	Good	Poor	Unit	Sample	Sample Description	Amount
Light Ballasts	100		%	V9500		Presumed

ALL DATA REPORT

Client: Hamilton-Wentworth District School Board
Location: #3003 : Corridor 2
Survey Date: 2026-02-05

Site: Schools
Floor: 2

Building Name: Norwood Park Elementary School
Room #: 201
Last Re-Assessment: 0000-00-00

Area (sqft): 3000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Cement Product			C	Y		3000			SF	S0036A	[None]	[Abated]	[Abated]	
Ceiling	Acoustic tile	Ceiling Tiles (lay-in), 24 x 48 pinhole and fleck			C	Y		3000			SF	V0000	Non-Asbestos		None	
Duct		Not Insulated			C	N										
Floor		Vinyl Floor Tile and Mastic, 9 x 9 grey with black and beige			A	Y		3000(7)			SF	V0015	Chrysotile	5-10%	Confirmed Asbestos	NF
Other	Expansion joint	Caulking			A	Y		200(7)			LF	S0026ABC	Chrysotile	5-10%	Confirmed Asbestos	NF
Piping	Drain	Not Insulated			C	N										
Structure	Deck	Concrete (poured)			C	N										
Structure	Deck	Paper, Black felt			C	N		100			%	S0037A	None Detected	N.D.	None	
Wall		Masonry			A	Y										
Wall		Paint, Textured				Y		50			%	S0025AB	None Detected	N.D.	None	
Wall		Paint, Smooth			A	Y		100			%	S0028A	None Detected	N.D.	None	

Client: Hamilton-Wentworth District School Board
Location: #3003 : Corridor 2
Survey Date: 2026-02-05

Site: Schools
Floor: 2

Building Name: Norwood Park Elementary School
Room #: 201
Last Re-Assessment: 0000-00-00

Area (sqft): 3000

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description		Amount	Hazard
Wall	Masonry	100		%	L0005	Cream		Pb: <.0027 %	No
Structure	Metal	100		%	L0011	Red primer		Pb: 0.55 %	Lead (High)

Client: Hamilton-Wentworth District School Board
Location: #3003 : Corridor 2
Survey Date: 2026-02-05

Site: Schools
Floor: 2

Building Name: Norwood Park Elementary School
Room #: 201
Last Re-Assessment: 0000-00-00

Area (sqft): 3000

PB PRODUCTS				
Component	Quantity	Unit	Sample	Hazard
Batteries In Emer. Lights	4	EA	V9000	Yes
Bell And Spigot Fittings	10	EA	V9000	Yes

Client: Hamilton-Wentworth District School Board
Location: #3003 : Corridor 2
Survey Date: 2026-02-05

Site: Schools
Floor: 2

Building Name: Norwood Park Elementary School
Room #: 201
Last Re-Assessment: 0000-00-00

Area (sqft): 3000

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	100	%	V9500	None

Client: Hamilton-Wentworth District School Board
Location: #3003 : Corridor 2

Site: Schools
Floor: 2

Building Name: Norwood Park Elementary School
Room #: 201

Area (sqft): 3000

Survey Date: 2026-02-05

Last Re-Assessment: 0000-00-00

PCB							
Component	Good	Poor	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	100		%	V9500			Presumed

Legend:

Sample number	Units	Other
S#### Asbestos sample collected	SF Square feet	A Access
L#### Paint sample collected	LF Linear feet	V Visible
P#### PCB sample collected	EA Each	AP Air Plenum
M#### Mould sample collected	% Percentage	F Friable material
V#### Material is visually identified to be identical to S####	LF Linear feet	NF Non Friable material
V0000 Known non hazardous material		PF Potentially Friable material
V9000 Material visually identified as a Hazardous Material		Pb Lead
V9500 Material is presumed to be a hazardous material		Hg Mercury
		As Arsenic
		Cr Chromium

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				

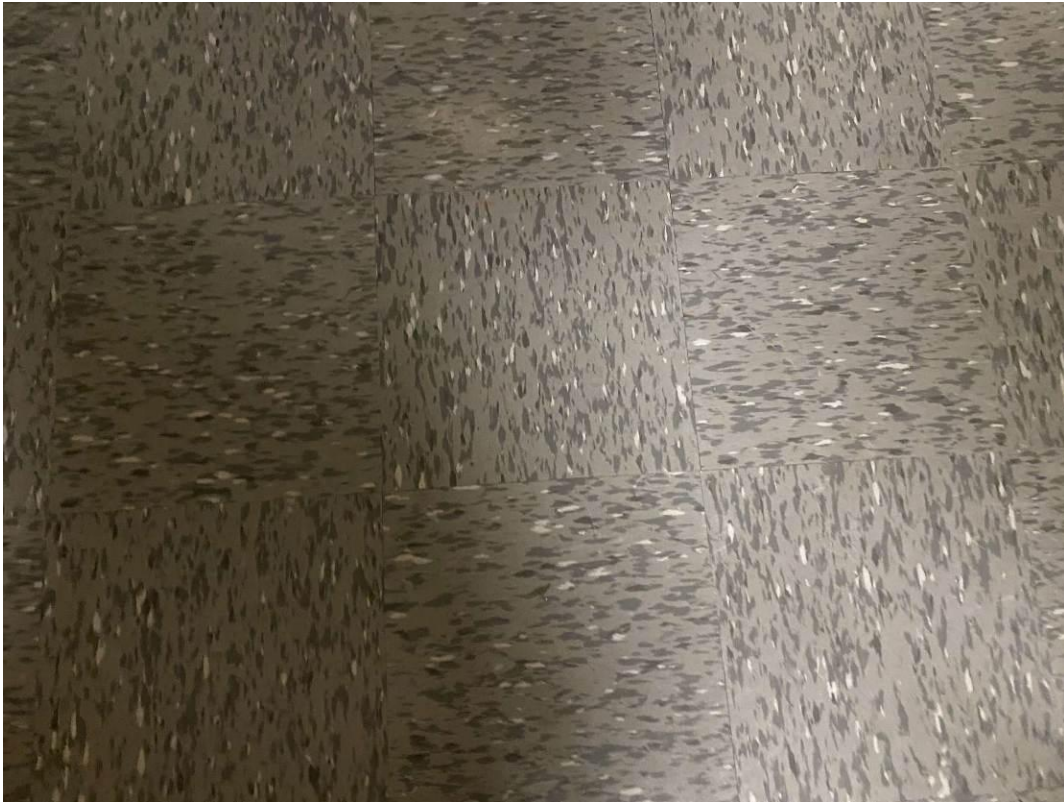
APPENDIX VII
Photographs



S0001A-C (None), Other, Roofing Materials, Roof / Exterior (Location #: 0) – (Photo from previous report)



S0002A-C (Confirmed Asbestos), Other, Caulking, Roof / Exterior (Location #: 0) (Photo from previous report)



S0003A (Confirmed Asbestos), 12 x 12 grey with dark grey and white, Floor, All, Vinyl Floor Tile and Mastic, Learning Commons (Location #: 2972)



S0004A (Confirmed Asbestos), 12 x 12 grey with white fleck, Floor, All, Vinyl Floor Tile and Mastic, Learning Commons (Location #: 2972)



S0007A (Confirmed Asbestos), grey, Floor, Vinyl Floor Tile and Mastic, Learning Commons (Location #: 2972)
Under millwork



S0006A (Confirmed Asbestos), Other, Caulking, Learning Commons (Location #: 2972)
White caulking on glass blocks



S0015 (Confirmed Asbestos), 9 x 9 grey with black and beige, Floor, Vinyl Floor Tile and Mastic, Classroom (Location #: 2991)



V0016 (Confirmed Asbestos), Other, Sink, Mastic, Gold, Classroom (Location #: 2995)



S0010A (None), Other, Sink, Mastic, White, Classroom (Location #: 2972)



V0021 (None), Light grey caulking on windows, Other, Caulking, Classroom (Location #: 2993)



V0025 (None), Textured, Wall, Paint, Stairwell (Location #: 2990)



S0026A (Confirmed Asbestos), Other, Expansion Joint, Caulking, Corridor 2 (Location #: 3003)



V0028 (None), Smooth, Wall, Paint, Stairwell (Location #: 2990)



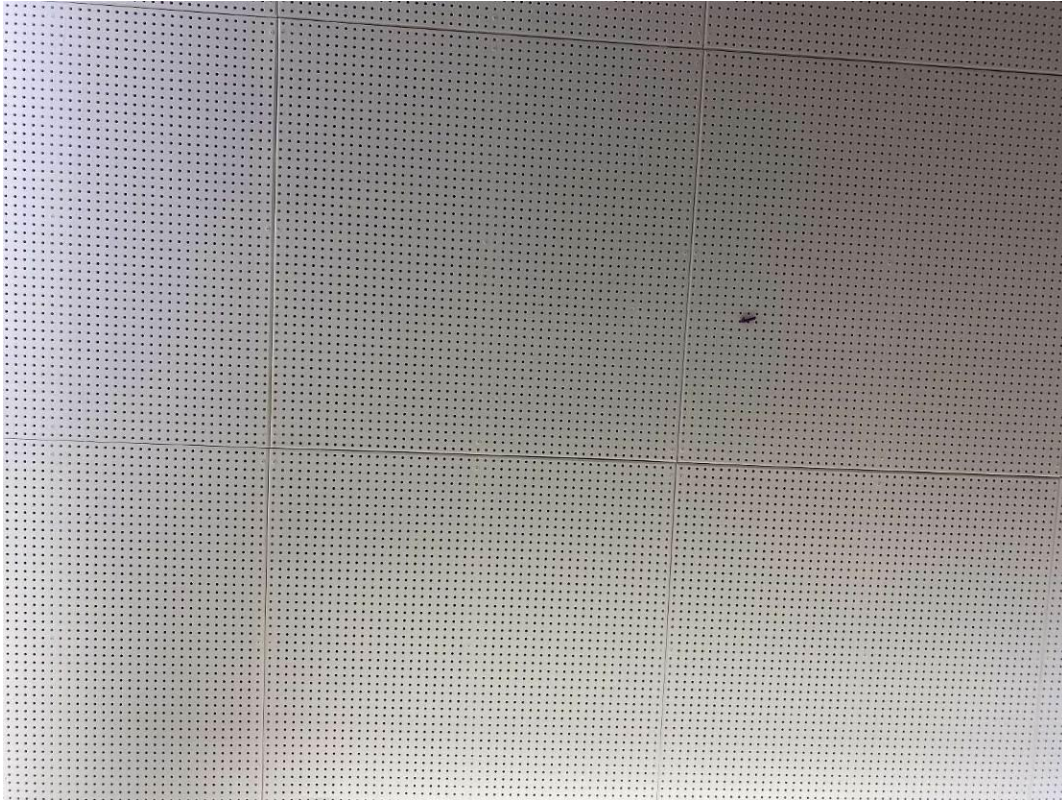
V0029 (None), Floor, Terrazzo, Corridor (Location #: 2984)



V0030 (None), Wall, Drywall and joint compound, Girls Washroom 2 (Location #: 2976)



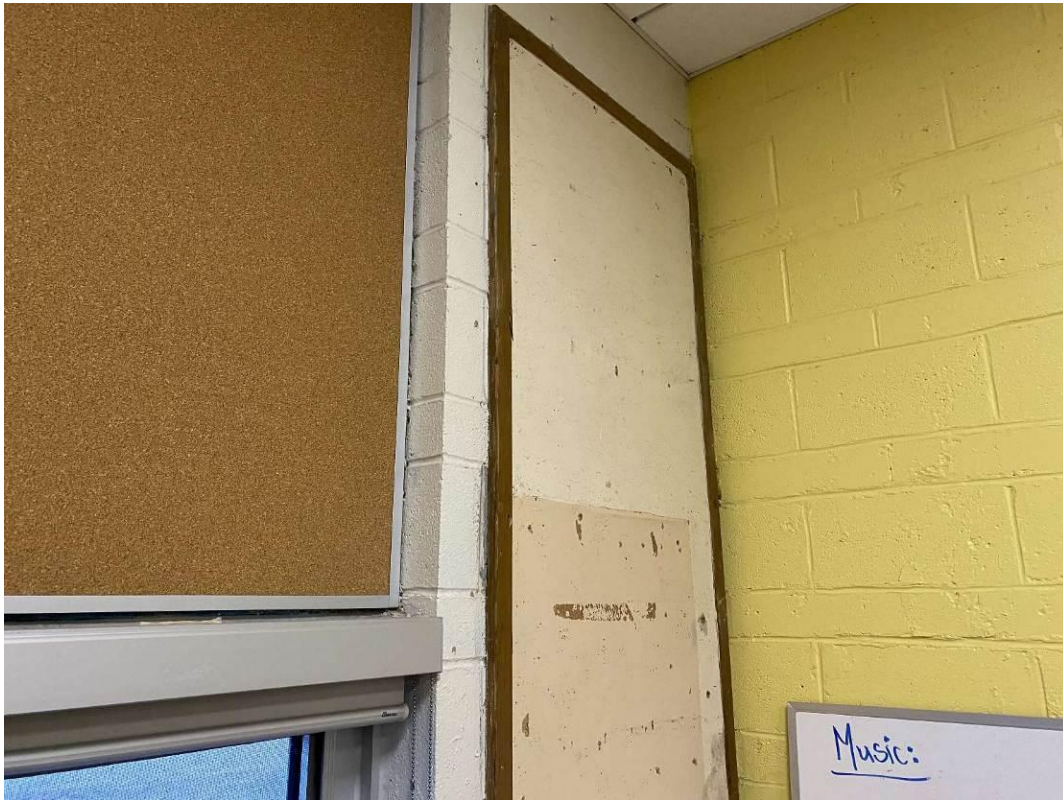
V0036 (Confirmed Asbestos), Ceiling, Cement Product (Transite), Stairwell (Location #: 2990)



V0036 (Confirmed Asbestos), Ceiling, All, Cement Product (Transite), Classroom (Location #: 2991)



S0037B (None), Black felt, Structure, Deck, Paper, Corridor (Location #: 2984)



S0040A (None), Tackboard mastic, Other, Mastic, Classroom (Location #: 2991)
Behind tackboard



S0041A (None), Under Vinyl floor tiles, Floor, Floor Levelling Compound, Learning Commons (Location #: 2972)



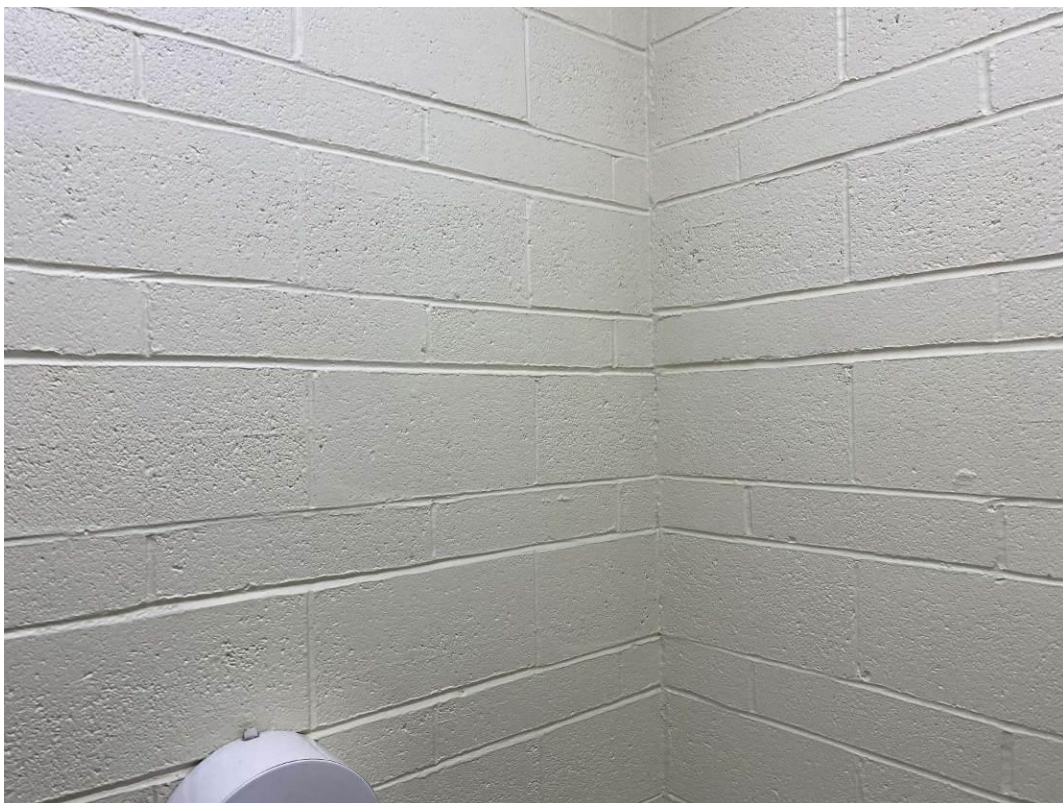
V0001(Lead, Low), Off white paint on masonry wall, Wall, Girls Washroom 2 (Location #: 2976)



V0001(Lead, Low), Off white paint on masonry wall, Wall, Stairwell (Location #: 2990)



V0003(Lead, Low), Beige paint on masonry wall, Wall, Classroom (Location #: 2991)



V0005(Lead, None), Cream, Wall, Staff Washroom (Location #: 2999)



S0011(Lead, High), Red Primer, Structure, Corridor 2 (Location #: 3003)



Pb Products, V9000(Yes), Batteries in Emergency lights, Stairwell (Location #: 2990)



Mercury, V9500(Presumed), LIGHT FIXTURE, Girls Washroom 2 (Location #: 2976)



Building Photo