



RFT 26-065 Lighting Renewal Project - Lakeshore Public School

The following, issued by the Halton District School Board (HDSB) May 7, 2026, shall be incorporated in the specifications and shall form part of the proposal document for the above.

Question 1:

Please confirm if the abatement scope is included in the contingency allowance.

Response 1:

The designated substance survey has been included in addendum #1. A contingency allowance of \$30,000 should be carried for abatement where required.

Question 2:

Is it a project for prequalified GC only?

Response 2:

Only HDSB pre-qualified contractors are eligible to bid on this particular project.

Question 3:

Please clarify if we need to submit at the closing any documents listed in Appendix F, for example, WSIB

Response 3:

Bidders must submit all required documentation including but not limited to the Form of Tender, Appendix A, Appendix B, Appendix C, bonding (if necessary), etc.

Question 4:

What is \$20,000 cash allowance for?

Response 4:

Permits, Testing or Inspection Requested by Owner or Consultant outside of contract.

Question 5:

Bid documents contain a list of prequalified asbestos subcontractors. However, no asbestos report has been included. Please clarify if the scope is included.

Response 5:

The designated substance survey has been included in addendum #1. A contingency allowance of \$30,000 should be carried for abatement where required.

Question 6:

Bid documents do not include any reflected ceiling plans to show locations of ACT ceilings or gypsum board ceilings. However, the scope requires ceiling tile repairs. Please clarify.

Response 6:

Ceiling repair responsibility is for any damage caused by the contractor and or sub contractors during performance of the contract. There is a requirement to repair ceilings where our devices are relocated, consultant is going to prepare a response.

Question 7:

They are asking for concrete block filler for the 1944 building, but the drawings do not show where this work is required and where the 1944 building is. Please clarify.

Response 7:

The designated substance survey has been included in addendum #1

Question 8:

Is there a painting scope?

Response 8:

Paint is only required for the patched area only where the old devices/lights are removed. Paint shall match the existing wall/ceiling colour and shall be blended in with the existing paint.

Question 9:

Can you please clarify if paint is required for patch area only or the full area?

Response 9:

Paint is only required for the patched area only where the old devices/lights are removed. Paint shall match the existing wall/ceiling colour and shall be blended in with the existing paint.

Question 10:

Please provide catalogue #'s for type A1, A2, A3, D1, E1, E2, Z2 & WM-A.

Response 10:

See Addendum E1

Question 11:

Can you for clarify of lighting types please

Response 11:

See Addendum E1

Question 12:

Bid documents do not include any reflected ceiling plans to show locations of ACT ceilings or gypsum board ceilings. However, the scope requires ceiling tile repairs. Please clarify.

Response 12:

Note that the scope of work of repairs is applicable where old devices/equipment are removed and/or replaced with new. Where there is an ACT Ceiling, the affected ceiling tile(s) shall be replaced with new. Where there are gypsum board ceilings, the drywall shall be patched, painted and made good. The Contractor may familiarize themselves with the School with a Site Visit arranged with the Board in advance

ATTACHED:

- Bidders are asked to review the attached Hazardous Building Materials Assessment (Pre-construction) document as drafted by Pinchin Ltd (116 pages).
- Bidders are asked to review the attached Specifications Lighting Retrofit Lakeshore PS (33 pages).
- Bidders are asked to review - Addendum E1 prepared by SURI & ASSOCIATES LTD. (2 pages).

RECEIPT OF ADDENDA MUST BE ACKNOWLEDGED ON THE FORM OF QUOTATION.

**PAGE 1 OF 154
END OF ADDENDUM 1**



Hazardous Building Materials Assessment (Pre-construction)

Lighting Retrofit Project
Lakeshore Public School
2243 Lakeshore Road,
Burlington, Ontario

Prepared for:

Halton District School Board
2050 Guelph Line
Burlington, Ontario, L7P 5A8

May 4, 2026

Pinchin File: 368273.006



Issued to: Halton District School Board
Issued on: May 4, 2026
Pinchin File: 368273.006
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Operations Manager



EXECUTIVE SUMMARY

Halton District School Board (Client) retained Pinchin Ltd. (Pinchin) to conduct a hazardous building materials assessment at Lakeshore Public School located at 2243 Lakeshore Road, Burlington, Ontario. Pinchin performed the assessment on April 9, 2026.

The objective of the assessment was to identify specified hazardous building materials in preparation for building renovation. The proposed work as identified by the Client includes renovations for the Lighting Retrofit Project.

The results of this assessment are intended for use with a properly developed scope of work or performance specifications and safe work procedures.

SUMMARY OF FINDINGS

The following is a summary of significant findings; refer to the body of the report for detailed findings:

Asbestos:

- Texture coat
- Pipe insulation
- Paint on concrete block

Lead:

- Lead is present in paints and coatings.
- Batteries of emergency lights contain solid lead.
- Caulking on cast iron pipe joints (bell and spigot) contains lead.

Silica: Crystalline silica is present in concrete and other materials such as masonry, and ceramic tiles.

Mercury: Mercury vapour is present in lamp tubes and liquid mercury is present in thermostat ampules.

Polychlorinated Biphenyls (PCBs): PCBs are not present.

Mould and Water Damage: Visible mould and water damage was not observed.



SUMMARY OF RECOMMENDATIONS

The following is a summary of significant recommendations; refer to the body of the report for detailed recommendations.

1. Conduct further investigation of all items and materials that were excluded from the scope or areas that were not assessed. Refer to detailed recommendations in Section 5.1.
2. Prepare a scope of work or specifications and safe work procedures for the hazardous materials removal required for the planned work.
3. Do not disturb suspected hazardous building materials discovered during the planned work, which have not been identified in this report and arrange for further evaluation and testing.
4. Remove and properly dispose of asbestos-containing materials prior to demolition or renovation activities.
5. Recycle mercury-containing lamp tubes and thermostats when removed from service.
6. Follow appropriate safe work procedures when handling or disturbing asbestos, lead, and silica.

This Executive Summary is subject to the same standard limitations as contained in the report and must be read in conjunction with the entire report.



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1.0 INTRODUCTION AND SCOPE

Halton District School Board (Client) retained Pinchin Ltd. (Pinchin) to conduct a hazardous building materials assessment at Lakeshore Public School located at 2243 Lakeshore Road, Burlington, Ontario.

Pinchin performed the assessment on April 9, 2026.

The assessor was unaccompanied during the assessment. The assessed area was occupied at the time of the assessment.

The objective of the assessment was to identify specified hazardous building materials in preparation for building renovation. The results of this assessment are intended for use with a properly developed scope of work or performance specification.

1.1 Scope of Assessment

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.

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.

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

- Asbestos
- Lead
- Silica
- Mercury
- Polychlorinated Biphenyls (PCBs)
- Mould

The following Designated Substances are not typically found in building materials in a composition/state that is hazardous and were not included in this assessment:

- Arsenic
- Acrylonitrile
- Benzene
- Coke oven emissions
- Ethylene oxide
- Isocyanates



- Vinyl chloride monomer

2.0 METHODOLOGY

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

The assessment did not include destructive testing of wall and ceiling finishes (drywall or plaster) to view concealed conditions. Destructive testing of flooring was not conducted. Destructive testing of exterior building finishes, masonry walls (chases, shafts etc.), and structural surrounds was not conducted.

Limited destructive testing of masonry block walls (core holes) was conducted to investigate for loose fill vermiculite insulation. Sampling of roofing materials was not conducted.

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

3.0 BACKGROUND INFORMATION

3.1 Building Description

Description Item	Details
Use	School
Number of Floors	The building is 2 storeys.
Total Area	The total area of the building is approximately 22,000 square feet.
Year of Construction	The building was originally constructed in 1920 with additions constructed in 1944, 1951 and 2008.
Structure	Structural steel, masonry, and concrete
Exterior Cladding	Brick veneer
HVAC	Boilers with hot water heating to radiators
Roof	Not assessed
Flooring	Vinyl floor tiles, vinyl sheet flooring, ceramic tiles, carpet, wood, laminate, terrazzo, and exposed concrete
Interior Walls	Drywall, plaster, concrete block
Ceilings	Drywall, plaster, texture coat, acoustic ceiling tiles, and exposed steel structure

3.2 Existing Reports

Pinchin previously prepared the following reports, which have been reviewed as part of this assessment:

- “Revised Asbestos Assessment Report, dated August 8, 2024 (Pinchin File No.332085.009).

4.0 FINDINGS

The following section summarizes the findings of the assessment and provides a general description of the hazardous building materials identified. 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.

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

4.1 Asbestos

4.1.1 *Texture Finishes (Decorative)*

Texture coat, containing asbestos, is present on ceilings in the 1951 era of the building (samples S0034, photo 1). The substrate is presumed to contain asbestos. Overspray from the asbestos-containing texture coat is present above the ceiling at light fixture openings, on the deck, ducts and within junction boxes.



Photo 1

4.1.2 *Pipe Insulation*

Parging cement, containing asbestos, is present on pipe fittings (elbows, valves, tees, hangers etc.) (samples S0018, S0038 and S0045, photo 1).

A white corrugated paper insulation (trade name Aircell), containing asbestos, is present on straight sections of hot water heating system pipes (samples S0037 and S0046, photo 2).

Remaining pipes are either insulated with fibreglass, or other non-asbestos insulation such as mineral fibre or elastomeric foam insulation (photo 3).

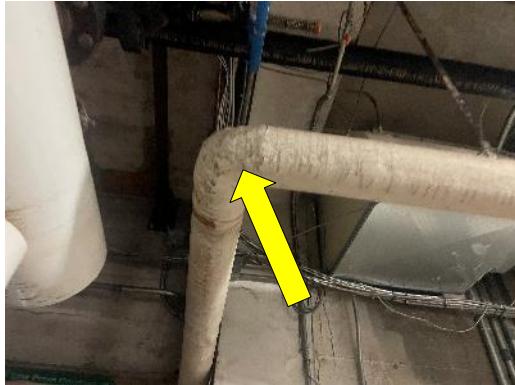


Photo 1



Photo 2



Photo 3

4.1.3 Duct Insulation and Mastic

Ducts are either uninsulated or insulated with non-asbestos fibreglass (foil-faced or canvas, photos 1 and 2).

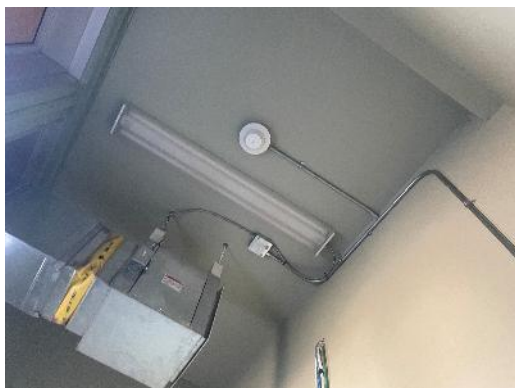


Photo 1



Photo 2

4.1.4 Mechanical Equipment Insulation



Mechanical equipment (e.g. furnace, hot water tanks, boilers) is either uninsulated or insulated with non-asbestos fibreglass (photo 1).







Photo 1

4.1.5 Acoustic Ceiling Tiles

The following is a summary of acoustic ceiling tiles sampled, for a complete list of locations, refer to Appendix V.

Size, Type, Pattern,	Sample Number or Date Code	Asbestos Type	Photo
2'x4', lay-in, pinholes	S0014 & Date stamped	No / None*	
2'x4', lay-in, fissure width wise and short random fissure	S0035 S0040 S0041	No	

Size, Type, Pattern,	Sample Number or Date Code	Asbestos Type	Photo
2'x4', lay-in, textured	S0036 S0043	No	
12"x12", textured and smooth	S0054	No Wood Fibre	
2'x4', lay-in, dimpled	S0039	No	
2'x4', lay-in, crows feet	S0042 S0044	No	

*Ceiling tiles are presumed to be non-asbestos based on the date of manufacture determined from the date stamp applied to the top of the tiles. The tiles were manufactured after asbestos stopped being used in acoustic ceiling tiles.

4.1.6 Plaster and Stucco

Plaster present on walls and ceilings in the assessed area does not contain asbestos (samples S0019, S0020, S0021, S0022, S0023 and S0024, photo 1).



Photo 1


4.1.7 Drywall Joint Compound


Drywall joint compound present on wall and ceiling finishes in the assessed area does not contain asbestos (samples S0007 and S0047).

Asbestos in drywall joint compound was banned in Canada in 1980. Drywall joint compound in the 2008 era of the building was installed on or after 2008 and is presumed to contain no asbestos.

4.1.8 Vinyl Sheet Flooring

The following is a summary of vinyl sheet flooring sampled, for a complete list of locations, refer to Appendix V.



Pattern, Colour	Sample Number	Asbestos Type (Flooring/Mastic)	Photo
Grey	S0033 N/A	No / None*	





Pattern, Colour	Sample Number	Asbestos Type (Flooring/ Mastic)	Photo
Faux-wood pattern	N/A	None*	

*Vinyl sheet flooring is presumed to be non-asbestos based on the date of installation (2008).

4.1.9 Vinyl Floor Tiles, Baseboard, and Stair Flooring

The following is a summary of vinyl floor tiles sampled, for a complete list of locations, refer to Appendix V.

Description	Sample Number	Asbestos (Flooring/ Mastic)	Photo
12"x12", beige with brown streaks and specks	Tile: S0028 Mastic: S0049	No / No	
12"x12", beige with red specks	S0030	No / No	
12"x12", beige with light brown flecks	S0052A-C	No / No	

Description	Sample Number	Asbestos (Flooring/ Mastic)	Photo
12"x12", light beige with dark and light flecks	S0053A-C	No / No	
12"x12", light grey with black flecks	Not sampled	None*	
12"x12", light brown	Not sampled	None*	
12"x12", light grey with flecks	Not sampled	None*	

Mastic was analysed for asbestos content where it was present on the tiles, however a comprehensive testing program for mastic was not performed.




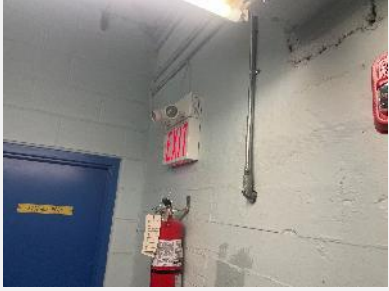
*Vinyl floor tiles were presumed to be non-asbestos based on historical knowledge of the date of installation.


4.1.10 Sealants, Caulking, and Putty

Caulking present on interior windows in Storage (Location 6) does not contain asbestos (samples S0048).

4.1.11 Paint

The following is a summary of paints sampled, for a complete list of locations, refer to Appendix V.


Description/Location	Sample Number	Asbestos	Photo
Paint on concrete block walls (1951 era)	S0001	No	
Paint on concrete block walls (1920 era)	S0003 S0013	No	
Paint on masonry brick walls (1920 & 1944 era)	S0004	No	
Paint on concrete block walls (1944 era)	S0008 S0010 S0012	Yes	


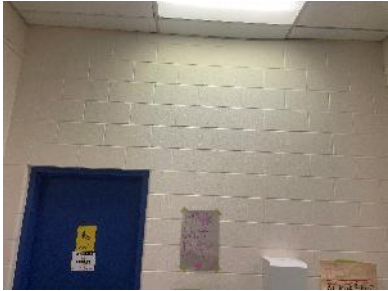


Description/Location	Sample Number	Asbestos	Photo
Paint on concrete block walls (2008 era)	N/A	None*	

*Paint on concrete block present on wall finishes in the Phase D portion of the building was installed on or after 2008 and is presumed to contain no asbestos.

4.1.12 Mortar

The following is a summary of mortar sampled, for a complete list of locations, refer to Appendix V.


Description/Location	Sample Number	Asbestos	Photo
Mortar between concrete block walls (1951 era)	S0002	No	
Mortar between concrete block walls (1920 era)	S0004	No	

Description/Location	Sample Number	Asbestos	Photo
Mortar between masonry brick walls (1920 era)	S0006	No	
Mortar between concrete block walls (1944 era)	S0009	No	
Mortar between masonry brick walls (1944 era)	S0011	No	
Mortar between concrete block walls (2008 era)	N/A	None*	

*Mortar between concrete block present on wall finishes in the Phase D portion of the building was installed on or after 2008 and is presumed to contain no asbestos.

4.1.13 Other Building Materials

The following is a summary of other materials sampled, for a complete list of locations, refer to Appendix V.

Description	Sample Number	Asbestos	Photo
Horsehair and paper insulation compressed under hardwood flooring (concealed)	S0015 S0016 S0017	No	
Black chalkboard mastic	S0050	No	

4.1.14 Excluded Materials

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

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



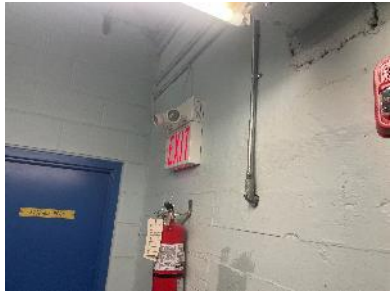
4.2 Lead

4.2.1 Paints and Surface Coatings

Refer to the lab report(s) in Appendix II-B and the Hazardous Material Summary / Sample Log in Appendix V for details on paints sampled and their locations.

The following table summarizes the analytical results of paints sampled.

Sample Number	Colour, Substrate Description	Sample Location	Lead (%)	Photo
L0001	Beige paint on concrete block wall	Storage (Location 210)	0.00052	
L0002	Beige paint on plaster wall	Corridor (Location 212)	0.16	
L0005	Beige paint on plaster wall	Corridor (Location 220)	0.23	
L0006	Beige paint on plaster wall	Corridor (Location 214)	0.22	

Sample Number	Colour, Substrate Description	Sample Location	Lead (%)	Photo
L0012	Beige paint on concrete block wall	Library (Location 106)	0.00047	
L0014	Paint on concrete block wall	Gymnasium (Location 122)	0.00035	
L0015	Grey paint on poured concrete wall	Classroom, (Location 2)	0.39	

Results above 0.1% (1,000 mg/kg) are considered lead-containing, and over 0.5% (5,000 mg/kg) are considered lead-based in accordance with the EACC guideline.

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

Paints containing lead equal to or less than 0.009% (90 mg/kg) are assumed to be insignificant relating to potential exposure from construction disturbance in accordance with the EACC guideline.

4.2.2 Lead Products and Applications

Lead-containing batteries are present in emergency lighting (photo 1).



Photo 1

4.2.3 *Excluded Lead Materials*

Lead is known to be present in several materials which were not assessed or sampled. The following materials, where found, should be presumed to contain lead.

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

4.3 **Silica**

Crystalline silica is assumed to be a component of the following materials where present in the building.

- Concrete
- Masonry and mortar
- Ceramic tiles and grout
- Plaster

4.4 **Mercury**

4.4.1 *Lamps*

Mercury vapour is present in fluorescent lamp tubes and other lighting that is known to contain mercury such as mercury vapour lamps (photos 1 and 2).



Photo 1

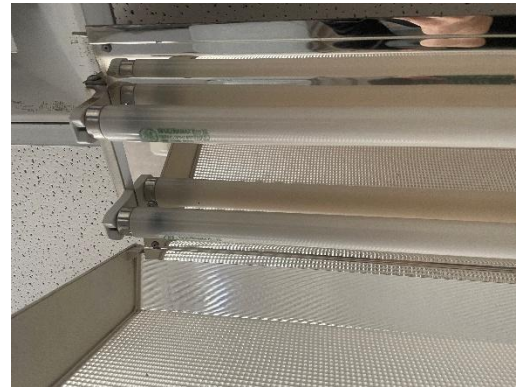


Photo 2

4.4.2 *Mercury-Containing Devices*

Mercury-containing devices were not found during the assessment.

4.5 **Polychlorinated Biphenyls**

4.5.1 *Lighting Ballasts*

Based on information visual observations (e.g., evidence of T-5 or T-8 fixtures with electronic ballasts) the fixtures will not contain PCB ballasts.

Based on the presence of Light Emitting Diode (LED) lamps, the fixtures will not contain PCB ballasts.

4.5.2 *Transformers*

Transformers were not found during the assessment.

4.6 **Mould and Water Damage**

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

5.0 **RECOMMENDATIONS**

5.1 **General**

1. Prepare performance specifications for the hazardous material removal required for the planned work. The specifications should define the outline of work, risk levels, personal protective equipment, safe work practices and disposal requirements. The specifications should also describe any air monitoring, site reviews and project close-out documentation that is required for regulatory compliance.



2. 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.
3. Provide this report and the detailed plans and specifications to the contractor prior to bidding or commencing work.
4. Retain a qualified consultant to specify, observe and document the successful removal of hazardous materials.
5. Update the asbestos inventory upon completion of the abatement and removal of asbestos-containing materials and any other relevant findings.

5.2 Construction Work

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

5.2.1 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.

5.2.2 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., greater than 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 equal to or less than 0.009% (90 mg/kg) is assumed to be insignificant in accordance with the EACC guideline.

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.

5.2.3 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.

5.2.4 Mercury

Do not break lamps or separate liquid mercury from components. 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.

6.0 TERMS AND LIMITATIONS

This work was performed subject to the Terms and Limitations presented or referenced in the proposal for this project.

Information provided by Pinchin is intended for Client use only. Pinchin will not provide results or information to any party unless disclosure by Pinchin is required by law. Any use by a third party of reports or documents authored by Pinchin or any reliance by a third party on or decisions made by a third party based on the findings described in said documents, is the sole responsibility of such third parties. Pinchin accepts no responsibility for damages suffered by any third party as a result of decisions made or actions conducted. No other warranties are implied or expressed.

7.0 REFERENCES

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

Ontario

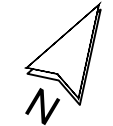
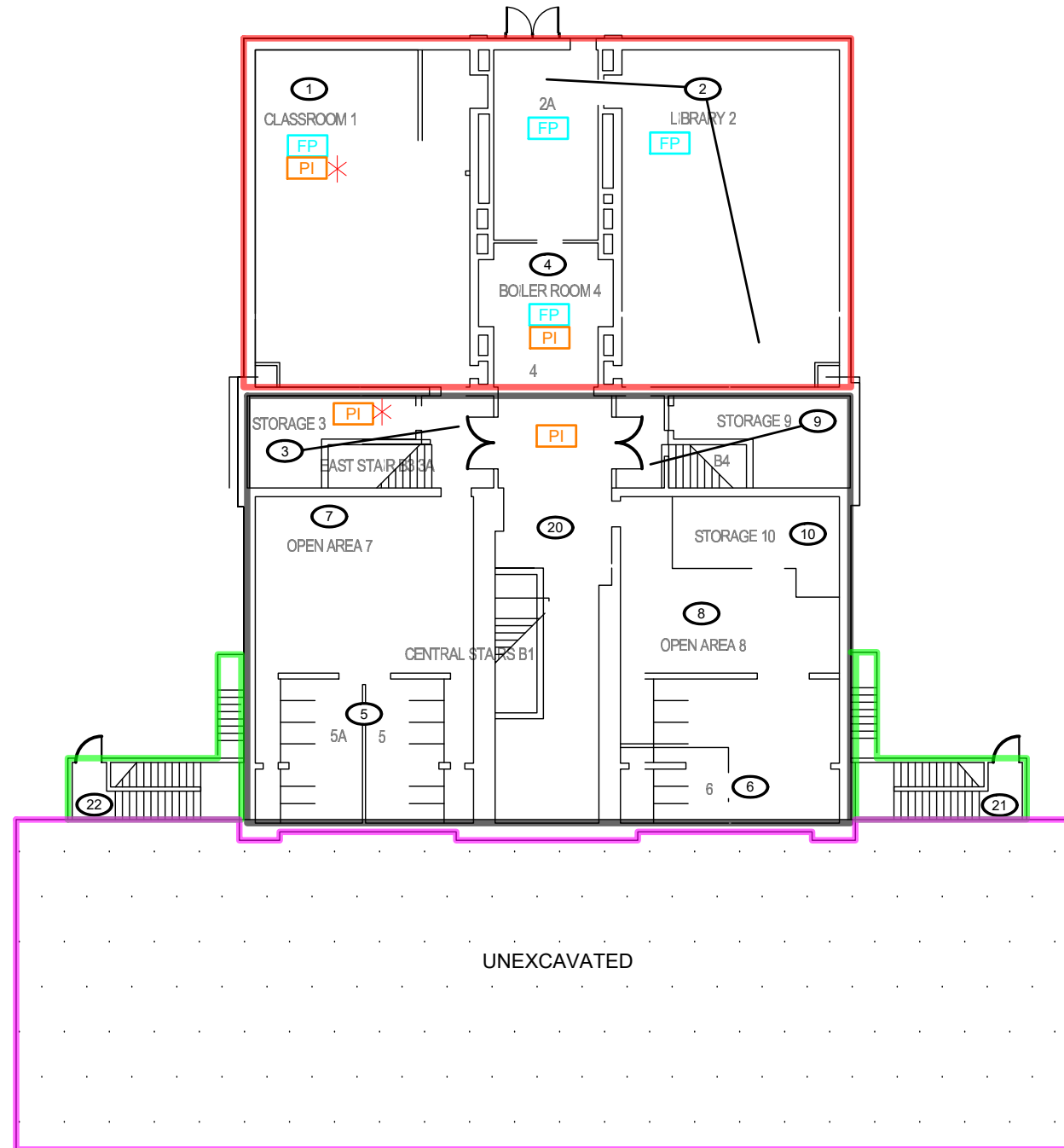
1. Asbestos on Construction Projects and in Buildings and Repair Operations, Ontario Regulation 278/05.
2. Designated Substances, Ontario Regulation 490/09.
3. Lead on Construction Projects, Ministry of Labour Guidance Document.
4. The Environmental Abatement Council of Canada (EACC) Lead Guideline for 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.

APPENDIX I
Drawings

- PHASE A - 1920 ORIGINAL
- PHASE B - 1944 ADDITION
- PHASE C - 1951 ADDITION
- PHASE D - 2008 ADDITION



LEGEND

- (X) ROOM/PINCHIN LOCATION NUMBER
- * ABOVE CEILING ASSEMBLY
- ⊙ ASBESTOS BULK SAMPLE
- ▲ LEAD BULK SAMPLE
- ASBESTOS-CONTAINING MATERIALS:
- PI PIPE INSULATION
- FP BLOCK FILLER/PAINT
- Texture Finish

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

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

BASE PLAN PROVIDED BY CLIENT.



PROJECT NAME:
HAZARDOUS BUILDING MATERIALS ASSESSMENT

CLIENT NAME:
HALTON DISTRICT SCHOOL BOARD

PROJECT LOCATION:
**LAKESHORE PUBLIC SCHOOL,
2243 LAKESHORE ROAD,
BURLINGTON, ONTARIO**

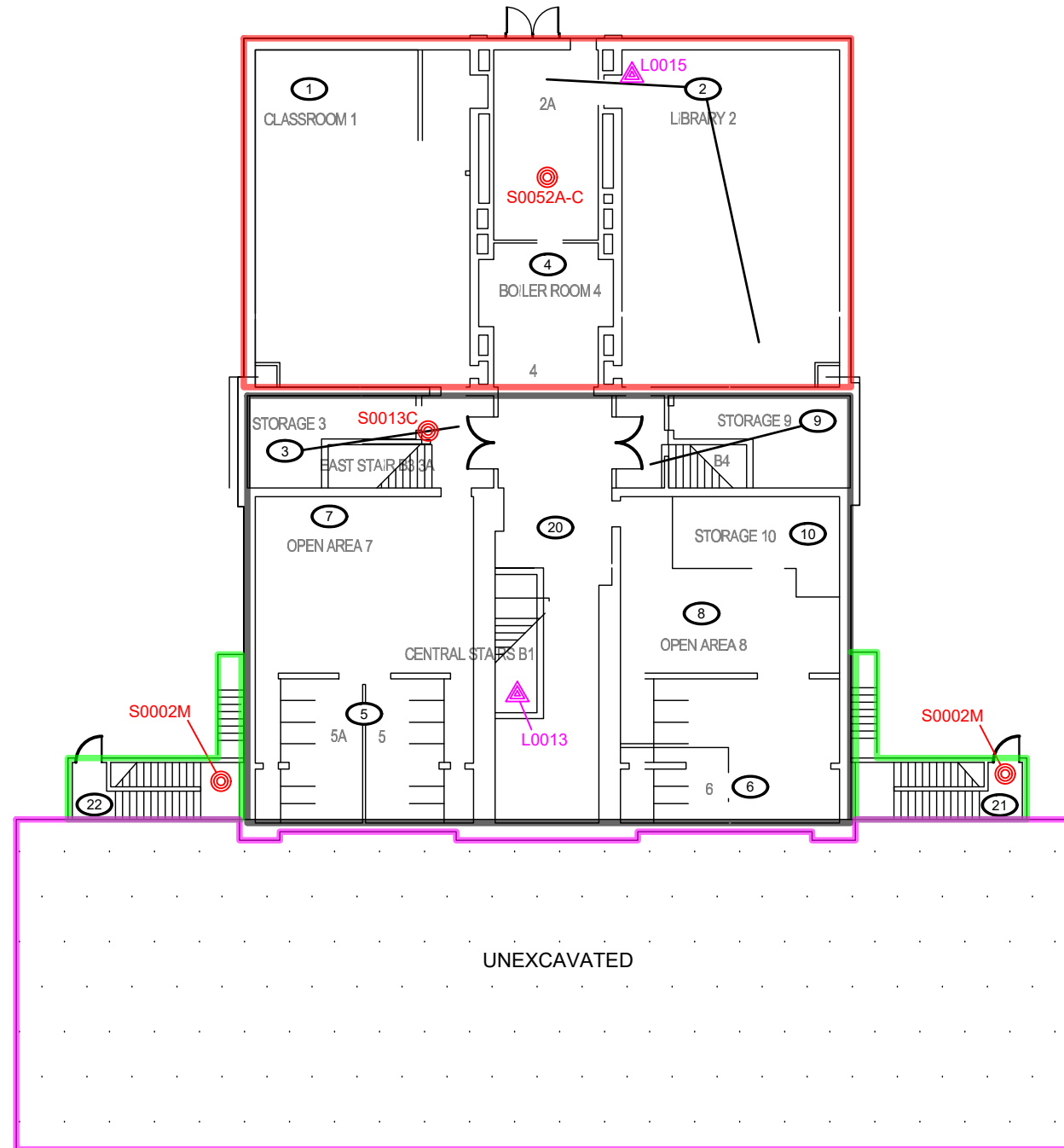
FIGURE NAME:
ACM HATCHING BASEMENT

PROJECT NUMBER: 368273.006 SCALE: NOT TO SCALE

DRAWN BY: ML REVIEWED BY: DP

DATE: APRIL 2026 FIGURE NUMBER: 1 OF 3

- PHASE A - 1920 ORIGINAL
- PHASE B - 1944 ADDITION
- PHASE C - 1951 ADDITION
- PHASE D - 2008 ADDITION



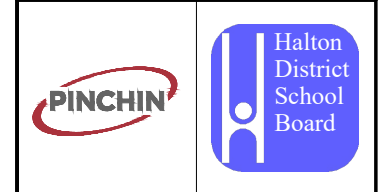
LEGEND

- (X) ROOM/PINCHIN LOCATION NUMBER
 - * ABOVE CEILING ASSEMBLY
 - ⊙ ASBESTOS BULK SAMPLE
 - ▲ LEAD BULK SAMPLE
- ASBESTOS-CONTAINING MATERIALS:
- PI PIPE INSULATION
 - FP BLOCK FILLER/PAINT
 - Texture Finish

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

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

BASE PLAN PROVIDED BY CLIENT.



PROJECT NAME:
HAZARDOUS BUILDING MATERIALS ASSESSMENT

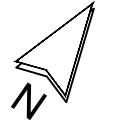
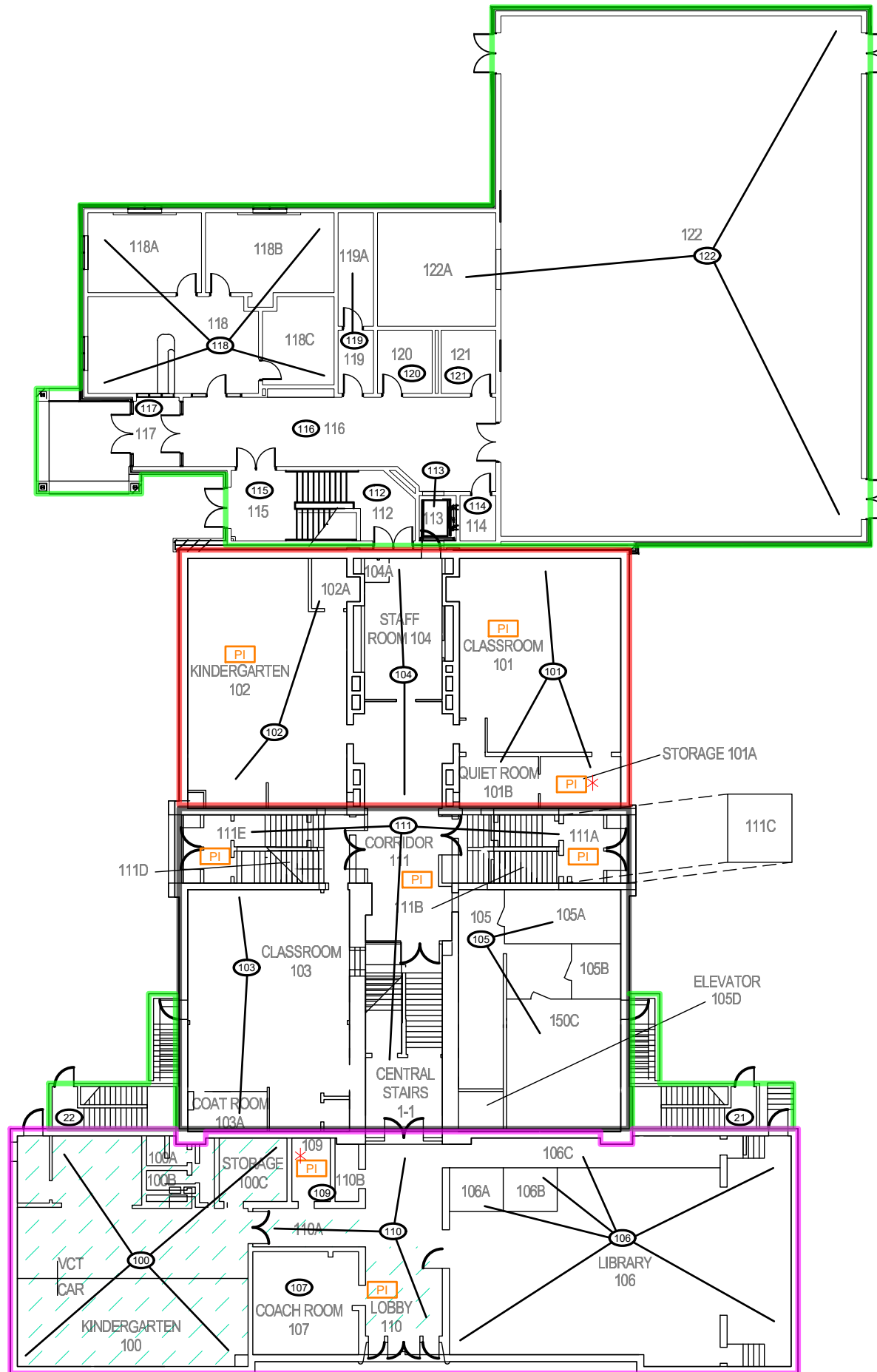
CLIENT NAME:
HALTON DISTRICT SCHOOL BOARD

PROJECT LOCATION:
**LAKESHORE PUBLIC SCHOOL,
2243 LAKESHORE ROAD,
BURLINGTON, ONTARIO**

FIGURE NAME:
SAMPLE LOCATIONS BASEMENT

PROJECT NUMBER: 368273.006	SCALE: NOT TO SCALE
DRAWN BY: ML	REVIEWED BY: DP
DATE: APRIL 2026	FIGURE NUMBER: 1 OF 3

- PHASE A - 1920 ORIGINAL
- PHASE B - 1944 ADDITION
- PHASE C - 1951 ADDITION
- PHASE D - 2008 ADDITION



LEGEND

- (X) ROOM/PINCHIN LOCATION NUMBER
 - * ABOVE CEILING ASSEMBLY
 - ⊙ ASBESTOS BULK SAMPLE
 - ▲ LEAD BULK SAMPLE
- ASBESTOS-CONTAINING MATERIALS:
- PI PIPE INSULATION
 - FP BLOCK FILLER/PAINT
 - TEXTURE FINISH

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

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

BASE PLAN PROVIDED BY CLIENT.



PROJECT NAME:
HAZARDOUS BUILDING MATERIALS ASSESSMENT

CLIENT NAME:
HALTON DISTRICT SCHOOL BOARD

PROJECT LOCATION:
**LAKESHORE PUBLIC SCHOOL,
2243 LAKESHORE ROAD,
BURLINGTON, ONTARIO**

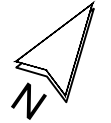
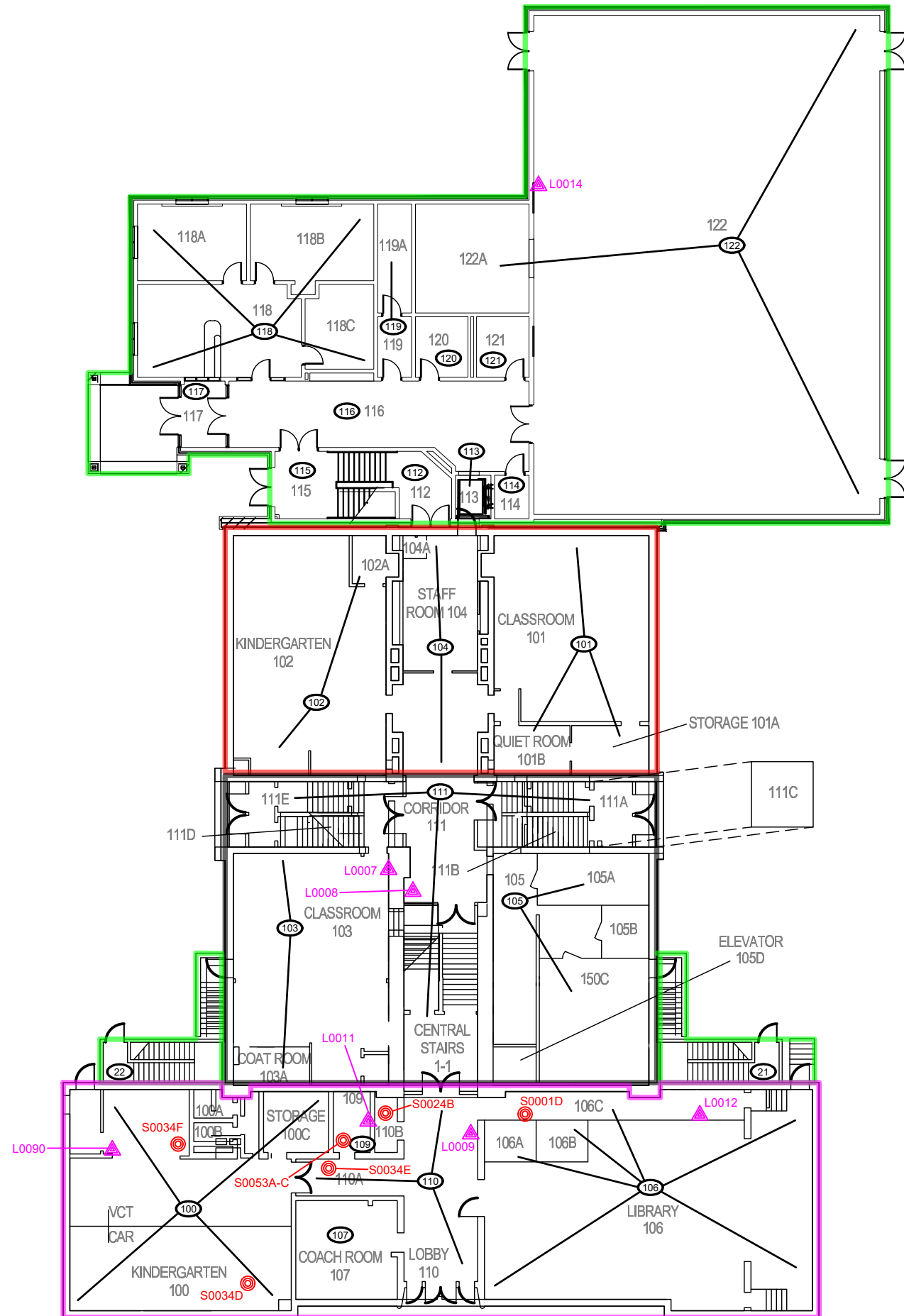
FIGURE NAME:
ACM HATCHING FIRST FLOOR

PROJECT NUMBER: 368273.006 SCALE: NOT TO SCALE

DRAWN BY: ML REVIEWED BY: DP

DATE: APRIL 2026 FIGURE NUMBER: 2 OF 3

- PHASE A - 1920 ORIGINAL
- PHASE B - 1944 ADDITION
- PHASE C - 1951 ADDITION
- PHASE D - 2008 ADDITION



LEGEND

- (X) ROOM/PINCHIN LOCATION NUMBER
 - * ABOVE CEILING ASSEMBLY
 - ⊙ ASBESTOS BULK SAMPLE
 - ▲ LEAD BULK SAMPLE
- ASBESTOS-CONTAINING MATERIALS:
- PI PIPE INSULATION
 - FP BLOCK FILLER/PAINT
 - Texture Finish

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

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

BASE PLAN PROVIDED BY CLIENT.



PROJECT NAME:
HAZARDOUS BUILDING MATERIALS ASSESSMENT

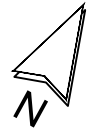
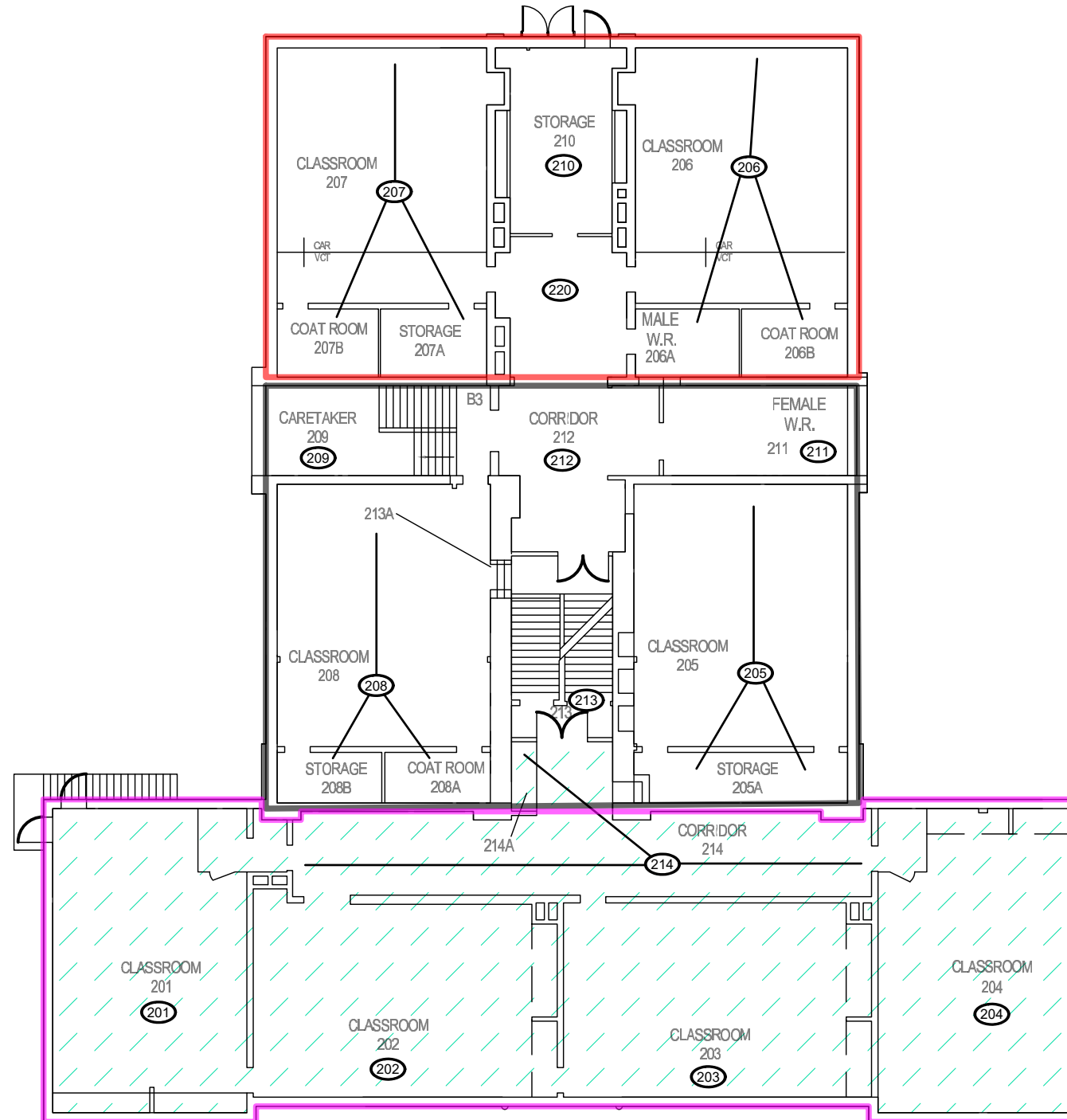
CLIENT NAME:
HALTON DISTRICT SCHOOL BOARD

PROJECT LOCATION:
**LAKESHORE PUBLIC SCHOOL,
2243 LAKESHORE ROAD,
BURLINGTON, ONTARIO**

FIGURE NAME:
**SAMPLE LOCATIONS
FIRST FLOOR**

PROJECT NUMBER: 368273.006	SCALE: NOT TO SCALE
DRAWN BY: ML	REVIEWED BY: DP
DATE: APRIL 2026	FIGURE NUMBER: 2 OF 3

- PHASE A - 1920 ORIGINAL
- PHASE B - 1944 ADDITION
- PHASE C - 1951 ADDITION
- PHASE D - 2008 ADDITION



LEGEND

- (X) ROOM/PINCHIN LOCATION NUMBER
 - * ABOVE CEILING ASSEMBLY
 - ⊙ ASBESTOS BULK SAMPLE
 - ▲ LEAD BULK SAMPLE
- ASBESTOS-CONTAINING MATERIALS:
- PI PIPE INSULATION
 - FP BLOCK FILLER/PAINT
 - Texture Finish

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

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

BASE PLAN PROVIDED BY CLIENT.



PROJECT NAME:
HAZARDOUS BUILDING MATERIALS ASSESSMENT

CLIENT NAME:
HALTON DISTRICT SCHOOL BOARD

PROJECT LOCATION:
**LAKESHORE PUBLIC SCHOOL,
2243 LAKESHORE ROAD,
BURLINGTON, ONTARIO**

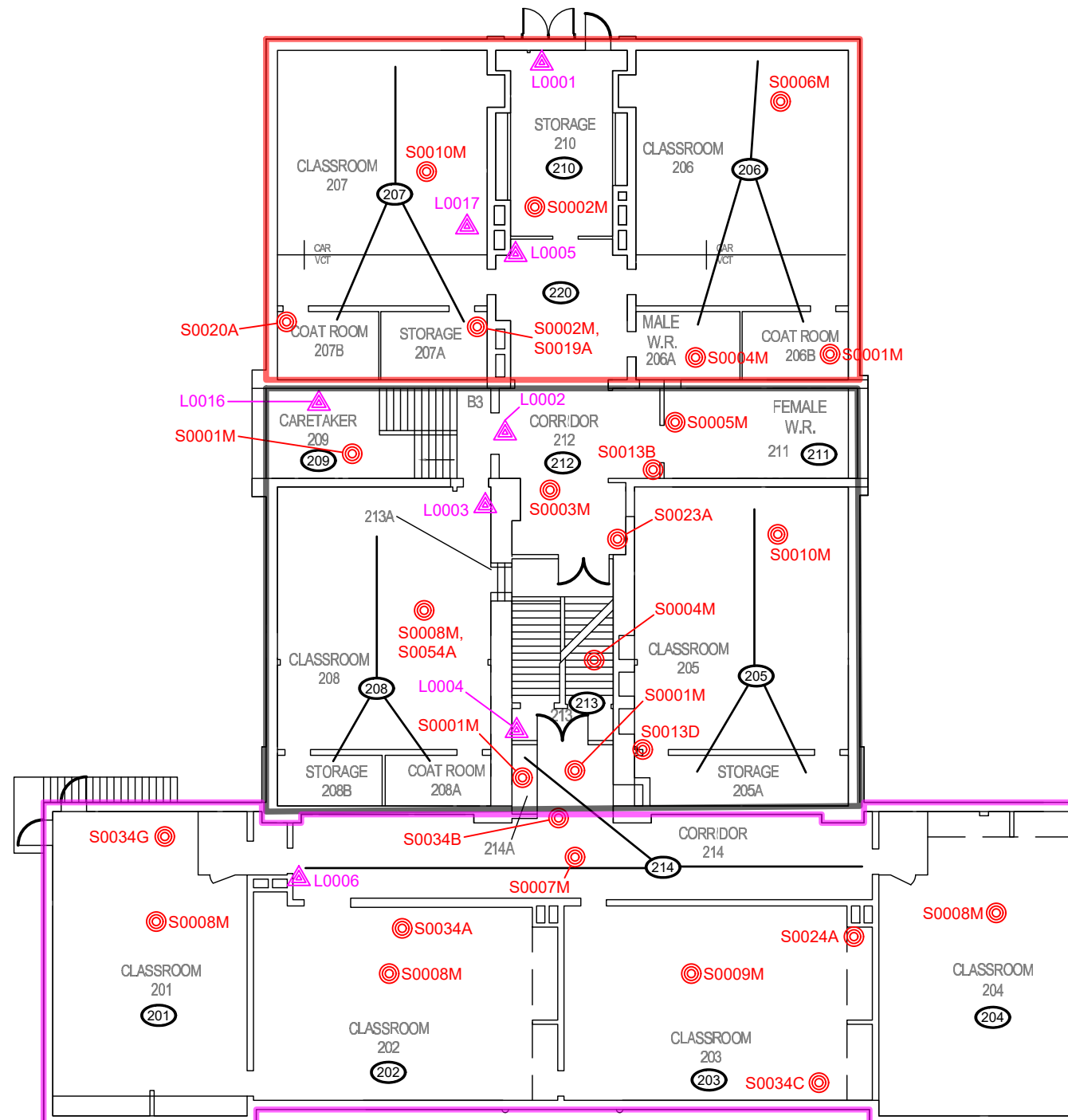
FIGURE NAME:
**ACM HATCHING
SECOND FLOOR**

PROJECT NUMBER: 368273.006 SCALE: NOT TO SCALE

DRAWN BY: ML REVIEWED BY: DP

DATE: APRIL 2026 FIGURE NUMBER: 3 OF 3

- PHASE A - 1920 ORIGINAL
- PHASE B - 1944 ADDITION
- PHASE C - 1951 ADDITION
- PHASE D - 2008 ADDITION



LEGEND

- (X) ROOM/PINCHIN LOCATION NUMBER
 - * ABOVE CEILING ASSEMBLY
 - ⊙ ASBESTOS BULK SAMPLE
 - ▲ LEAD BULK SAMPLE
- ASBESTOS-CONTAINING MATERIALS:
- PI PIPE INSULATION
 - FP BLOCK FILLER/PAINT
 - Texture Finish

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

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

BASE PLAN PROVIDED BY CLIENT.



PROJECT NAME:
HAZARDOUS BUILDING MATERIALS ASSESSMENT

CLIENT NAME:
HALTON DISTRICT SCHOOL BOARD

PROJECT LOCATION:
**LAKESHORE PUBLIC SCHOOL,
2243 LAKESHORE ROAD,
BURLINGTON, ONTARIO**

FIGURE NAME:
**SAMPLE LOCATIONS
SECOND FLOOR**

PROJECT NUMBER: 368273.006	SCALE: NOT TO SCALE
DRAWN BY: ML	REVIEWED BY: DP
DATE: APRIL 2026	FIGURE NUMBER: 3 OF 3

APPENDIX II-A
Asbestos Analytical Certificates



Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project No.:	0368273.006	Samples Submitted:	16
Prepared For:	A. Altena	Phases Analyzed:	14
Lab Reference No.:	b361115		
Analyst(s):	M. Himmelman		
Date Received:	April 16, 2026		
Date Analyzed:	April 23, 2026		

The Pinchin Ltd. Dartmouth asbestos laboratory is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 201032-0) 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.

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

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

This report relates only to the items tested.

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



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project No.: 0368273.006
Prepared For: A. Altena

Lab Reference No.: b361115
Date Analyzed: April 23, 2026

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0001D Wall, Paint, Paint On Block, Loc:106, Library	Non-homogeneous, white and yellow, coating material.	None Detected	Non-Fibrous Material > 75%
S0013B Wall, Paint, Paint On Block, Loc:212, Corridor	Non-homogeneous, multicoloured, coating material.	None Detected	Non-Fibrous Material > 75%
S0013C Wall, Paint, Paint On Block, Loc:3, Storage	Non-homogeneous, multicoloured, coating material.	None Detected	Non-Fibrous Material > 75%
S0013D Wall, Paint, Paint On Block, Loc:205, Classroom	Non-homogeneous, green and white, coating material.	None Detected	Non-Fibrous Material > 75%
S0019D Wall, Plaster, Loc:207, Classroom	Non-homogeneous, grey and white, plaster debris.	None Detected	Non-Fibrous Material > 75%
S0020D Ceiling, Plaster, Loc:207, Classroom	Non-homogeneous, grey and white, plaster debris.	None Detected	Non-Fibrous Material > 75%
S0023B Ceiling, Plaster, Loc:209, Caretaker's Office	Non-homogeneous, grey and white, plaster debris.	None Detected	Non-Fibrous Material > 75%
S0023C Ceiling, Plaster, Loc:212, Corridor	Non-homogeneous, grey and white, plaster debris.	None Detected	Non-Fibrous Material > 75%
S0024B Ceiling, Plaster, Loc:110, Lobby	Non-homogeneous, grey and white, plaster debris.	None Detected	Non-Fibrous Material > 75%
S0024C Wall, Plaster, Loc:203, Classroom	Non-homogeneous, grey and white, plaster debris.	None Detected	Non-Fibrous Material > 75%



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project No.: 0368273.006
Prepared For: A. Altena

Lab Reference No.: b361115
Date Analyzed: April 23, 2026

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0054A Ceiling, Ceiling Tile (mechanically Fastened), 24x24 Nailed On, Textured, Loc:208, Classroom	Homogeneous, tan, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose > 75% Non-Fibrous Material 0.5-5%
S0054B Ceiling, Ceiling Tile (mechanically Fastened), 24x24 Nailed On, Textured, Loc:208, Classroom	Homogeneous, tan, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose > 75% Non-Fibrous Material 0.5-5%
S0054C Ceiling, Ceiling Tile (mechanically Fastened), 24x24 Nailed On, Textured, Loc:208, Classroom	Homogeneous, tan, layered, compressed, acoustic ceiling tile.	None Detected	Cellulose > 75% Non-Fibrous Material 0.5-5%
S0055A Ceiling, Texture Coat, Loc:202, Classroom	Homogeneous, beige, finishing or texture coat.	Chrysotile 0.5-5%	Cellulose 0.5-5% Perlite 5-10% Other Non-Fibrous > 75%
S0055B Ceiling, Texture Coat, Loc:214, Corridor			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0055C Ceiling, Texture Coat, Loc:203, Classroom			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		

Reviewed by:

Reporting Analyst:

Analyzed by: MHA

Reviewed by: _____

Report Sent by: _____

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

Special Instructions:

Client Name:		Project Address:	ON
Portfolio/Building No:		Pinchin File:	368273.006
Submitted by:	Adam Altena	Email:	aaltena@pinchin.com
CC Email:		CC Email:	dpalus@pinchin.com
Date Submitted:	April 15 2026	Required by:	April 23 2026
# of Samples:	16	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 #:	162948/20263860153314		

To be Completed by Lab Personnel Only:

Lab Reference #:	0361115	Time:	24 hour clock		
Received by:	APR 16 2026 CM - Ngeron	Date:	Month	Day	Year
Name(s) of Analyst(s):	M. Timmelman				

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)	
S	0001	D	Wall, Paint, Paint On Block, Loc: 106, Library	ND
S	0013	B	Wall, Paint, Paint On Block, Loc: 212, Corridor	ND
S	0013	C	Wall, Paint, Paint On Block, Loc: 3, Storage	ND
S	0013	D	Wall, Paint, Paint On Block, Loc: 205, Classroom	ND
S	0019	D	Wall, Plaster, Loc: 207, Classroom	ND
S	0020	D	Ceiling, Plaster, Loc: 207, Classroom	ND

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)	
S	0023	B	Ceiling,Plaster,Loc:209,Caretaker's Office	ND
S	0023	C	Ceiling,Plaster,Loc:212,Corridor	ND
S	0024	B	Ceiling,Plaster,Loc:110,Lobby	ND
S	0024	C	Wall,Plaster,Loc:203,Classroom	ND
S	0054	A	Ceiling,Ceiling Tile (mechanically Fastened),24x24 Nailed On, Textured,Loc:208,Classroom	ND
S	0054	B	Ceiling,Ceiling Tile (mechanically Fastened),24x24 Nailed On, Textured,Loc:208,Classroom	ND
S	0054	C	Ceiling,Ceiling Tile (mechanically Fastened),24x24 Nailed On, Textured,Loc:208,Classroom	ND
S	0055	A	Ceiling,Texture Coat,Loc:202,Classroom	CH 0.5-5
S	0055	B	Ceiling,Texture Coat,Loc:214,Corridor	(na)
S	0055	C	Ceiling,Texture Coat,Loc:203,Classroom	(na)

APPENDIX II-B
Lead Analytical Certificates



Your Project #: 368273.006
Your C.O.C. #: N/A

Attention: Damian Palus

Pinchin Ltd
2360 Meadowpine Blvd
Unit # 2
Mississauga, ON
CANADA L5N 6S2

Report Date: 2026/04/23
Report #: R8729162
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C640613

Received: 2026/04/16, 14:40

Sample Matrix: Bulk
Samples Received: 7

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
Metals in Paint	2	2026/04/22	2026/04/22	CAM SOP-00408	EPA 6010D m
Metals in Paint	5	2026/04/22	2026/04/23	CAM SOP-00408	EPA 6010D m

Remarks:

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

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

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

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

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

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

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

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



Your Project #: 368273.006
Your C.O.C. #: N/A

Attention: Damian Palus

Pinchin Ltd
2360 Meadowpine Blvd
Unit # 2
Mississauga, ON
CANADA L5N 6S2

Report Date: 2026/04/23
Report #: R8729162
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C640613
Received: 2026/04/16, 14:40

Encryption Key

Please direct all questions regarding this Certificate of Analysis to:

Elora Di Bratto, Project Manager
Email: Elora.Di-Bratto@bureauveritas.com
Phone# (905) 817-5700

=====

This report has been generated and distributed using a secure automated process.

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.



ELEMENTS BY ATOMIC SPECTROSCOPY (BULK)

Bureau Veritas ID		BBVU29			BBVU30			
Sampling Date								
COC Number		N/A			N/A			
	UNITS	L0001, WALL, CONCRETE BLOCK, BEIGE ON BLOCK, LOC: 210, STORAGE	RDL	MDL	L0002, WALL, PLASTER, BEIGE ON PLASTER, LOC:212, CORRIDOR	RDL	MDL	QC Batch

Metals								
Lead (Pb)	%	0.00052	0.00016	0.000048	0.16	0.00050	0.00015	A137599
RDL = Reportable Detection Limit QC Batch = Quality Control Batch								

Bureau Veritas ID		BBVU31		BBVU32				
Sampling Date								
COC Number		N/A		N/A				
	UNITS	L0005, WALL, PLASTER, BEIGE ON PLASTER, LOC:220, CORRIDOR		L0006, WALL, PLASTER, BEIGE ON PLASTER, LOC:214, CORRIDOR	RDL	MDL	QC Batch	

Metals							
Lead (Pb)	%	0.23		0.22	0.00050	0.00015	A137599
RDL = Reportable Detection Limit QC Batch = Quality Control Batch							

Bureau Veritas ID		BBVU33			BBVU34			
Sampling Date								
COC Number		N/A			N/A			
	UNITS	L0012, WALL, CONCRETE BLOCK, BEIGE ON BLOCK, LOC: 106, LIBRARY	RDL	MDL	L0014, WALL, CONCRETE BLOCK, PAINT ON BLOCK, LOC:122, GYMNAS	RDL	MDL	QC Batch

Metals								
Lead (Pb)	%	0.00047	0.00010	0.000030	0.00035	0.00018	0.000054	A137599
RDL = Reportable Detection Limit QC Batch = Quality Control Batch								



ELEMENTS BY ATOMIC SPECTROSCOPY (BULK)

Bureau Veritas ID		BBVU35			
Sampling Date					
COC Number		N/A			
	UNITS	L0015, WALL, CONCRETE (POURED), GREY ON CONCRETE, LOC:2, CLASS	RDL	MDL	QC Batch
Metals					
Lead (Pb)	%	0.39	0.00050	0.00015	A137599
RDL = Reportable Detection Limit QC Batch = Quality Control Batch					



BUREAU
VERITAS

Bureau Veritas Job #: C640613
Report Date: 2026/04/23

Pinchin Ltd
Client Project #: 368273.006
Sampler Initials: AA

TEST SUMMARY

Bureau Veritas ID: BBVU29
Sample ID: L0001, WALL, CONCRETE BLOCK, BEIGE ON BLOCK, LOC: 210, STORAG
Matrix: Bulk

Collected:
Shipped:
Received: 2026/04/16

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Metals in Paint	ICP	A137599	2026/04/22	2026/04/22	Indira HarryPaul

Bureau Veritas ID: BBVU30
Sample ID: L0002, WALL, PLASTER, BEIGE ON PLASTER, LOC:212, CORRIDOR
Matrix: Bulk

Collected:
Shipped:
Received: 2026/04/16

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Metals in Paint	ICP	A137599	2026/04/22	2026/04/23	Indira HarryPaul

Bureau Veritas ID: BBVU31
Sample ID: L0005, WALL, PLASTER, BEIGE ON PLASTER, LOC:220, CORRIDOR
Matrix: Bulk

Collected:
Shipped:
Received: 2026/04/16

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Metals in Paint	ICP	A137599	2026/04/22	2026/04/23	Indira HarryPaul

Bureau Veritas ID: BBVU32
Sample ID: L0006, WALL, PLASTER, BEIGE ON PLASTER, LOC:214, CORRIDOR
Matrix: Bulk

Collected:
Shipped:
Received: 2026/04/16

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Metals in Paint	ICP	A137599	2026/04/22	2026/04/23	Indira HarryPaul

Bureau Veritas ID: BBVU33
Sample ID: L0012, WALL, CONCRETE BLOCK, BEIGE ON BLOCK, LOC: 106, LIBRARY
Matrix: Bulk

Collected:
Shipped:
Received: 2026/04/16

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Metals in Paint	ICP	A137599	2026/04/22	2026/04/22	Indira HarryPaul

Bureau Veritas ID: BBVU34
Sample ID: L0014, WALL, CONCRETE BLOCK, PAINT ON BLOCK, LOC:122, GYMNAS
Matrix: Bulk

Collected:
Shipped:
Received: 2026/04/16

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Metals in Paint	ICP	A137599	2026/04/22	2026/04/23	Indira HarryPaul

Bureau Veritas ID: BBVU35
Sample ID: L0015, WALL, CONCRETE (POURED), GREY ON CONCRETE, LOC:2, CLASS
Matrix: Bulk

Collected:
Shipped:
Received: 2026/04/16

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Metals in Paint	ICP	A137599	2026/04/22	2026/04/23	Indira HarryPaul



**BUREAU
VERITAS**

Bureau Veritas Job #: C640613
Report Date: 2026/04/23

Pinchin Ltd
Client Project #: 368273.006
Sampler Initials: AA

GENERAL COMMENTS

Sample BBVU29 [L0001, WALL, CONCRETE BLOCK, BEIGE ON BLOCK, LOC: 210, STORAG] : Metals Analysis: Due to limited amount of sample available for analysis, a smaller than usual portion of the sample was used. Detection limits were adjusted accordingly.

Sample BBVU34 [L0014, WALL, CONCRETE BLOCK, PAINT ON BLOCK, LOC:122, GYMNAS] : Metals Analysis: Due to limited amount of sample available for analysis, a smaller than usual portion of the sample was used. Detection limits were adjusted accordingly.

Results relate only to the items tested.



BUREAU
VERITAS

Bureau Veritas Job #: C640613
Report Date: 2026/04/23

QUALITY ASSURANCE REPORT

Pinchin Ltd
Client Project #: 368273.006
Sampler Initials: AA

QC Batch	Parameter	Date	Method Blank		QC Standard	
			Value	UNITS	% Recovery	QC Limits
A137599	Lead (Pb)	2026/04/22	<0.00010	%	103	75 - 125

QC Standard: A sample of known concentration prepared by an external agency under stringent conditions. Used as an independent check of method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.



BUREAU
VERITAS

Bureau Veritas Job #: C640613

Report Date: 2026/04/23

Pinchin Ltd

Client Project #: 368273.006

Sampler Initials: AA

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

Cristina Carriere

Cristina Carriere, Senior Scientific Specialist

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C640613
2026/04/16 14:40



6740 Campobello Road, Mississauga, Ontario L5N 2L8
Phone: 905-817-5700 Fax: 905-817-5779 Toll Free: 800-563-6266
CAM FCD-01191/6

CHAIN OF CUSTODY RECORD

Invoice Information		Report Information (if differs from invoice)				Project Information (where applicable)				Turnaround Time (TAT) Required					
Company Name: Pinchin Ltd.		Company Name: _____				Quotation #: _____				<input checked="" type="checkbox"/> Regular TAT (5-7 days) Most analyses					
Contact Name: Adam Altena		Contact Name: _____				P.O. #/ AFE#: _____				PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS					
Address: _____		Address: _____				Project #: 368273.006				Rush TAT (Surcharges will be applied)					
Phone: _____ Fax: _____		Phone: _____ Fax: _____				Site Location: _____				<input type="checkbox"/> 1 Day <input type="checkbox"/> 2 Days <input type="checkbox"/> 3-4 Days					
Email: aaltena@pinchin.com dpalus@pinchin.com		Email: _____				Site #: _____				Date Required: April 22 2026					
MOE REGULATED DRINKING WATER OR WATER INTENDED FOR HUMAN CONSUMPTION MUST BE SUBMITTED ON THE BUREAU VERITAS DRINKING WATER CHAIN OF CUSTODY						Site Location Province: _____ ON				Rush Confirmation #:					
Regulation 153 <input type="checkbox"/> Table 1 <input type="checkbox"/> Res/Park <input type="checkbox"/> Med/ Fine <input type="checkbox"/> Table 2 <input type="checkbox"/> Ind/Comm <input type="checkbox"/> Coarse <input type="checkbox"/> Table 3 <input type="checkbox"/> Agri/ Other <input type="checkbox"/> Table _____ FOR RSC (PLEASE CIRCLE) Y / N		Other Regulations <input type="checkbox"/> CCME <input type="checkbox"/> Sanitary Sewer Bylaw <input type="checkbox"/> MISA <input type="checkbox"/> Storm Sewer Bylaw <input type="checkbox"/> PWQO Region _____ <input type="checkbox"/> Other (Specify) _____ <input type="checkbox"/> REG 558 (MIN. 3 DAY TAT REQUIRED) <input type="checkbox"/> REG 406 Table _____		Analysis Requested # OF CONTAINERS SUBMITTED FIELD FILTERED (CIRCLE) Metals / Hg / CrVI BTEX/PHC F1 PHCS F2 - F4 VOCS REG 153 METALS & INORGANICS REG 153 ICPMS METALS REG 153 METALS (Hg, Cr VI, ICPMS Metals, HWS - B) Lead (Pb) in Paints PCBs				LABORATORY USE ONLY CUSTODY SEAL Y / N Present Intact COOLING MEDIA PRESENT: Y / N COMMENTS							
Include Criteria on Certificate of Analysis: Y / N		SAMPLES MUST BE KEPT COOL (< 10 °C) FROM TIME OF SAMPLING UNTIL DELIVERY TO BUREAU VERITAS													
SAMPLE IDENTIFICATION	DATE SAMPLED (YYYY/MM/DD)	TIME SAMPLED (HH:MM)	MATRIX	# OF CONTAINERS SUBMITTED	FIELD FILTERED (CIRCLE) Metals / Hg / CrVI	BTEX/PHC F1	PHCS F2 - F4	VOCS	REG 153 METALS & INORGANICS	REG 153 ICPMS METALS	REG 153 METALS (Hg, Cr VI, ICPMS Metals, HWS - B)	Lead (Pb) in Paints	PCBs	HOLD - DO NOT ANALYZE	
L0001, Wall, Concrete Block, Beige On Block,Loc:210,Storage			BULK									X			
L0002, Wall, Plaster, Beige On Plaster,Loc:212,Corridor			BULK									X			
L0005, Wall, Plaster, Beige On Plaster,Loc:220,Corridor			BULK									X			
L0006, Wall, Plaster, Beige On Plaster,Loc:214,Corridor			BULK									X			
L0012, Wall, Concrete Block, Beige On Block,Loc:106,Library			BULK									X			
L0014, Wall, Concrete Block, Paint On Block,Loc:122,Gymnaslu			BULK									X			
L0015, Wall, Concrete (poured), Grey On Concrete,Loc:2,Class			BULK									X			
RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	BV JOB #									
Adam Altena	2026-04-14	16:00	<i>Adam Altena</i>	2026/04/16	14:40										



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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.

Fluids (mineral oil, hydraulic, Aroclor or Askarel) in transformers or other equipment were not sampled for PCB content.

Caulking and sealants were sampled and submitted for PCB analysis following EPA 3550C/8082A.

Sample results are compared to the criteria of 50 mg/kg for solids as stated in the PCB Regulation, SOR/2008-273.

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

METHODOLOGY ANNEX A EVALUATION CRITERIA



1.0 EVALUATION CRITERIA AND BASIS OF RECOMMENDATIONS

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

2.0 EVALUATION OF CONDITION

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

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

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

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

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

2.2 Friable Mechanical or Thermal System Insulation (TSI)

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

Good	Insulation is completely covered in jacketing and exhibits no evidence of damage or deterioration. No insulation is exposed. Includes conditions where the jacketing has minor damage (i.e. scuffs or stains), but the jacketing is not penetrated.
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Fair	Minor penetrating damage to jacketed insulation (cuts, tears, nicks, deterioration or delamination) or undamaged insulation that has never been jacketed. Insulation is exposed but not showing surface disintegration. The extent of missing insulation ranges from minor to none. Damage can be repaired.
Poor	Original insulation jacket is missing, damaged, deteriorated or delaminated. Insulation is exposed and significant areas have been dislodged. Damage cannot be readily repaired. Includes components where insulation may have been removed incompletely.

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

2.3 Potentially Friable Materials and Miscellaneous Friable Materials

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

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

2.4 Non-Friable Materials

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

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

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

2.5 Evaluation of ACM Debris

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

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

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

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

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

3.0 EVALUATION OF ACCESSIBILITY

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

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

4.0 ACTION MATRIX AND DEFINITIONS

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

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

4.1 Action Matrix

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

Table I Decision Matrix for Friable ACM

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

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

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

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

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

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

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

4.2 Action Definitions

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

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

APPENDIX IV
Location Summary Report

Client: Halton District School Board
Building Name: Lakeshore Public School
Survey Date: 2024-05-30
Building Phases: A: 1920 Original

Site: 2243 Lakeshore Road, Burlington, ON
Last Re-Assessment:

Location No.	Name or Description	Area ft ²	Floor No.	Bldg. Phase	Notes
1	Classroom, room no. 1	1200	B	B	
2	Classroom, room no. 2-A	1600	B	B	Includes Corridor
3	Storage, room no. 3-A-B3	400	B	A	Includes Corridor
4	Boiler Room, room no. 4	1400	B	A	Phases A & B
5	Washrooms, room no. 5-A	400	B	A	
6	Storage, room no. 6	200	B	A	
7	Open Area, room no. 7	800	B	A	
8	Open Area, room no. 8	600	B	A	
9	Storage, room no. 9-A-B4	400	B	A	Includes Corridor
10	Storage, room no. 10	400	B	A	
20	Boiler Room	0	B	A	
21	Stairwell	0	1	A	
22	Stairwell	0	1	A	
100	Kindergarten, room no. 100-A-B-C	1400	1	C	
101	Classroom, room no. 101-A-B	1200	1	B	
102	Kindergarten, room no. 102-A	1200	1	B	
103	Classroom, room no. 103-A	1200	1	A	
104	Staff Room, room no. 104	0	1	A	
105	Corridor/Staff Area, room no. 105-A-B-C-D	1200	1	A	Includes Elevator
106	Library, room no. 106-A-B-C	2000	1	C	Includes Corridor
107	Coach Room, room no. 107	200	1	C	
109	Washroom, room no. 109	100	1	C	
110	Lobby, room no. 110-A-B	1000	1	C	
111	Corridor, room no. 111-A-B-C-D-E	2500	1	A	Phases A & B; Includes Stairwells
112	Corridor, room no. 112	200	B	D	
113	Elevator, room no. 113	100	B-1	D	
114	Elevator Mechanical Room, room no. 114	100	1	D	
115	Corridor, room no. 115	200	1	D	
116	Corridor, room no. 116	1600	1	D	
117	Vestibule, room no. 117	100	1	D	
118	Main Office, room no. 118-A-B-C	1000	1	D	
119	Storage, room no. 119-A	300	1	D	
120	Washroom, room no. 120	100	1	D	
121	Washroom, room no. 121	100	1	D	
122	Gymnasium, room no. 122-A	5700	1	D	
201	Classroom, room no. 201	1000	2	C	
202	Classroom, room no. 202	1000	2	C	
203	Classroom, room no. 203	1000	2	C	
204	Classroom, room no. 204	1000	2	C	
205	Classroom, room no. 205-A	1200	2	A	
206	Classroom, room no. 206-A-B	1200	2	B	
207	Classroom, room no. 207-A-B	1200	2	B	
208	Classroom, room no. 208-A-B	1200	2	A	
209	Caretaker's Office, room no. 209	200	2	A	Roof Access
210	Storage, room no. 210	300	2	B	
211	Custodian Room, room no. 211	300	2	A	
212	Corridor, room no. 212	2000	2	A	Phases A & B
213	Corridor, room no. 213	300	2	A	
214	Corridor, room no. 214-A	1500	2	C	
220	Corridor, room no. 220	200	2	A	

APPENDIX V

Hazardous Materials Summary Report / Sample Log

Client: Halton District School Board

Site: 2243 Lakeshore Road, Burlington, ON

Building Name: Lakeshore Public School

Survey Date: 2024-05-30

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
Asbestos	S0001 D	Wall Paint White Paint On Concrete Block Wall (1951 Construction Era)	106	C	0	0	0	100	None Detected	No	
Asbestos	V0002	Wall Mortar Mortar Between Concrete Block Wall (1951 Construction Era)	106	C	0	0	0	100	None Detected	No	
Asbestos	V0003	Wall Paint Yellow Paint On Concrete Block Wall (1920 Construction Era)	6,8,10,111	A	0	0	0	100	None Detected	No	
Asbestos	V0004	Wall Mortar Mortar Between Concrete Block Wall (1920 Construction Era)	3,5,6,7,8,10,111	A	0	0	0	100	None Detected	No	
Asbestos	V0005	Wall Paint Yellow Paint On Brick Wall (1920 Construction Era)	8,9	A	0	0	0	100	None Detected	No	
Asbestos	V0006	Wall Mortar Mortar Between Brick (1920 Construction Era)	8,9	A	0	0	0	100	None Detected	No	
Asbestos	V0007	Ceiling, Wall Drywall And Joint Compound Gypsum Joint Compound (1920 Construction Era)	8,105,111,205,208,212,213	A	0	0	0	100	None Detected	No	
Asbestos	V0008	Wall Paint Grey Paint On Concrete Block Wall (1944 Construction Era)	4	A	0	1400	0	0	[Asbestos]	[Yes]	NF
Asbestos	V0009	Wall Mortar Mortar Between Concrete Block Wall (1944 Construction Era)	1,2,4	A,B	0	0	0	100	None Detected	No	
Asbestos	V0010	Wall Paint Grey Paint On Concrete Brick Wall (1944 Construction Era)	4	A	0	1400	0	0	[Asbestos]	[Yes]	NF
Asbestos	V0011	Wall Mortar Mortar Between Brick (1944 Construction Era)	4	A	0	0	0	100	None Detected	No	
Asbestos	V0012	Wall Paint Yellow Paint On Concrete Block Wall (1944 Construction Era)	1,2	B	0	4400	0	0	Chrysotile	Yes	NF
Asbestos	S0013 BCD	Wall Paint Blue Paint On Concrete Block Wall (1920 Construction Era)	3,5,7,111,205,212	A	0	0	0	100	None Detected	No	
Asbestos	V0014	Ceiling Ceiling Tiles (lay-in) 2x4 Acoustic Ceiling Tile With Pinholes (2008 Construction Era)	112,115,116,117,118,119,120,121	D	0	0	0	100	None Detected	No	
Asbestos	V0015	Floor Horsehair Compressed Layer Of Horsehair Between Two Layers Of Paper Under Hardwood Floor	101,102,103	A,B	0	0	0	100	None Detected	No	
Asbestos	V0016	Floor Paper Black Paper Under Horsehair - Bottom Layer	101,102,103	A,B	0	0	0	100	Chrysotile	No	
Asbestos	V0017	Floor Paper Brown Paper Under Horsehair - Top Layer	101,102,103	A,B	0	0	0	100	None Detected	No	
Asbestos	V0018	Piping Hot Water Heating Parging Cement Pipe Fitting Insulation	1	B	0	0	1	0	Chrysotile	Yes	F
Asbestos	S0019 D	Wall Plaster Wall Plaster	1,2,101,102,206,207,210,220	A,B	0	0	0	100	None Detected	No	
Asbestos	S0020 D	Ceiling Plaster Ceiling Plaster	1,2,207	B	0	0	0	100	None Detected	No	
Asbestos	V0021	Ceiling Plaster Ceiling Plaster	8,206,207,209,210,211,220	A,B	0	0	0	100	None Detected	No	
Asbestos	V0022	Ceiling Plaster Ceiling Plaster	4	A	0	0	0	100	None Detected	No	

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
Asbestos	S0023 BC	Ceiling, Wall Plaster Wall Plaster	3,7,9,103,105,205,208,209,211,212,213	A	0	0	0	100	None Detected	No	
Asbestos	S0024 BC	Ceiling, Wall, Ceiling, Wall Plaster Wall Plaster	100,106,107,109,110,201,202,203,204,214	C	0	0	0	100	None Detected	No	
Asbestos	V0028	Floor Vinyl Floor Tile 12" Beige With Brown Streaks And Specks	2	B	0	0	0	100	None Detected	No	
Asbestos	V0030	Floor Vinyl Floor Tile 12"x12" Vinyl Floor Tile Beige With Red Streaks	100	C	0	0	0	100	None Detected	No	
Asbestos	V0033	Floor Vinyl Sheet Flooring Vinyl Sheet Flooring Grey	214	C	0	0	0	100	None Detected	No	
Asbestos	V0034	Ceiling Texture Coat Textured Ceiling Coat	100,201,202,203,204,213,214	A,C	0	5900	0	0	Chrysotile	Yes	F
Asbestos	V0035	Ceiling Ceiling Tiles (lay-in) 2x4 Ceiling Tile Fissure Width Wise	103,111,212,213	A	0	0	0	100	None Detected	No	
Asbestos	V0036	Ceiling Ceiling Tiles (lay-in) 2x4 Ceiling Tile Textured	101,102	B	0	0	0	100	None Detected	No	
Asbestos	V0037	Piping Hot Water Heating Aircell Aircell Pipe Insulation	1,4,109	A,B,C	36	0	0	0	Chrysotile	Yes	F
Asbestos	V0038	Piping Hot Water Heating Parging Cement Cementitious Pipe Fitting Insulation	4,109,110,111	A,C	0	0	12	0	[Asbestos]	[Yes]	F
Asbestos	V0039	Ceiling Ceiling Tiles (lay-in) 2x4 Ceiling Tile Dimpled	6,10,103	A	0	0	0	100	None Detected	No	
Asbestos	V0040	Ceiling Ceiling Tiles (lay-in) 2x4 Ceiling Tile Fissure Width Wise	1,2,5,103,105,111,206,207,210,212,213,220	A,B	0	0	0	100	None Detected	No	
Asbestos	V0041	Ceiling Ceiling Tiles (lay-in) 2x4 Ceiling Tile Short Random Fissure	5,105	A	0	0	0	100	None Detected	No	
Asbestos	V0042	Ceiling Ceiling Tiles (lay-in) 2x4 Ceiling Tile Crows Feet	3,7,9	A	0	0	0	100	None Detected	No	
Asbestos	V0043	Ceiling Ceiling Tiles (lay-in) 2x4 Ceiling Tile Textured	101,102	B	0	0	0	100	None Detected	No	
Asbestos	V0044	Ceiling Ceiling Tiles (lay-in) 2x4 Ceiling Tile Crows Feet	3,7,9	A	0	0	0	100	None Detected	No	
Asbestos	V0045	Piping Hot Water Heating Parging Cement Cementitious Pipe Fitting Insulation	3,4	A	0	0	16	0	Chrysotile	Yes	F
Asbestos	V0046	Piping Hot Water Heating Aircell Aircell Pipe Straight Insulation	3,4,101,102,111	A,B	264	0	0	0	Chrysotile	Yes	F
Asbestos	V0047	Wall Drywall And Joint Compound Drywall Joint Compound	6,10,103,105,209,211	A	0	0	0	100	None Detected	No	
Asbestos	V0048	Wall Window Caulking Caulking On Window	6	A	0	0	0	100	None Detected	No	
Asbestos	V0049	Floor Mastic Mastics Under Vinyl Floor Tiles	2	B	0	0	0	100	None Detected	No	
Asbestos	V0050	Wall Blackboard Fibrous Board Black Chalkboard	1,2	B	0	0	0	100	None Detected	No	
Asbestos	S0052 ABC	Floor Vinyl Floor Tile And Mastic 12x12 Beige With Light Brown Flecks	1,2	B	0	0	0	100	None Detected	No	
Asbestos	S0053 ABC	Floor Vinyl Floor Tile And Mastic 12x12 Light	109	C	0	0	0	100	None Detected	No	

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
		Beige With Dark And Light Flecks									
Asbestos	S0054 ABC	Ceiling Ceiling Tile (mechanically Fastened) 24x24 Nailed On, Textured	208	A	0	1200	0	0	None Detected	No	
Asbestos	S0055 ABCDEFG	Ceiling Texture Coat	100,110,201,202,203,214	C	0	200	0	0	Chrysotile	Yes	F
Asbestos	V0000	Ceiling Ceiling Tiles (lay-in) 24x48 Pinhole And Small Fleck, Dated 2006	208	A	0	1200	0	0	Non Asbestos	No	
Asbestos	V0000	Ceiling Ceiling Tiles (lay-in) 2x4 Acoustic Ceiling Tile With Pinholes, Date Stamped	107,214	C	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Ceiling Ceiling Tiles (lay-in) 2x4 Acoustic Ceiling Tile With Pinholes, Installed Post-2008	106,110	C	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Ceiling Drywall And Joint Compound	214	C	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Floor Rubber Faux-wood Pattern, Installed Post-2008	122	D	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Floor Vinyl Floor Tile And Mastic 12x12 Light Beige With Flecks, Installed Post-2008	112,118	D	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Floor Vinyl Floor Tile And Mastic 12x12 Light Grey With Black Flecks, Installed Post-2008	118	D	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Floor Vinyl Floor Tile And Mastic 12x12 Light Brown, Installed Post-2000	103,206,207,210,220	A,B	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Floor Vinyl Floor Tile And Mastic 12x12 Light Grey With Flecks, Installed Post-2008	106,107,122	C,D	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Wall Mortar Between Concrete Block, Installed Post-2008	112,113,114,115,116,117,118,119,120,121,122	D	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Wall Paint On Concrete Block, Installed Post-2008	112,114,115,116,117,118,119,120,121,122	D	0	0	0	100	Non Asbestos	No	
Paint	L0001	Wall Concrete Block Beige On Block	210	B	0	0	0	0		No	-
Paint	L0002	Wall Plaster Beige On Plaster	212	A	0	0	0	0		Lead (High)	-
Paint	L0005	Wall Plaster Beige On Plaster	220	A	0	0	0	0		Lead (High)	-
Paint	L0006	Wall Plaster Beige On Plaster	1,2,3,7,9,100,101,102,103,105,106,107,109,110,201,202,203,204,205,206,207,208,209,210,211,212,213,214,220	A,B,C	0	0	0	0		Lead (High)	-
Paint	L0012	Wall Concrete Block Beige On Block	106	C	0	0	0	0		No	-
Paint	L0014	Wall Concrete Block Paint On Block	122	D	0	0	0	0		No	-
Paint	L0015	Wall Concrete (poured) Grey On Concrete	2	B	0	0	0	0		Lead (High)	-
Hg	V9000	Light Fixture	1,2,3,4,5,6,7,8,9,10,20,21,22,100,101,102,103,104,105,106,107,109,110,111,112,114,115,116,118,119,120,121,201,205,208	A,B,C,D	0	3	263	0	Hg	Yes	-
Hg	V9500	Light Fixture	202,203,204,206,207,209,210,211,212,213,214,220	A,B,C	0	0	76	0	Presumed Hg	Yes	-
Hg	V0000	Light Fixture	122	D	0	0	0	100	-	No	-

Legend:

Sample number	Units	
S####	SF	Non Friable material.
L####	LF	Friable material
P####	EA	Potentially Friable material
M####	%	
V####		
V0000		
V9000		
V9500		
[Loc. No.]		

APPENDIX VI
HMIS All Data Report

Client: Halton District School Board
Location: #1 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: B

Building Name: Lakeshore Public School
Room #: 1
Last Re-Assessment: 0000-00-00

Area (sqft): 1200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2x4 ceiling tile fissure width wise			C	Y		100			%	V0040	None Detected	N.D.	None	
Ceiling		Plaster, Ceiling plaster			C	N		100			%	V0020	None Detected	N.D.	None	
Duct		Not Insulated			C	N										
Floor		Vinyl Floor Tile and Mastic, 12x12 Beige with light brown flecks			A	Y		100			%	S0052C	None Detected	N.D.	None	
Floor		Vinyl Floor Tile, 12" vinyl floor tile beige										V0025	[None]	[Abated]	[Abated]	
Mechanical Equipment		Not Insulated			A	Y										
Piping	All	Fibreglass		Canvas	C	N										
Piping	All	Not Insulated			C	N										
Piping	Hot water heating	Parging Cement, Pipe fitting insulation	Elbow	Canvas	C	Y		1(7)			EA	V0018	Chrysotile	>75%	Confirmed Asbestos	F
Piping	Hot water heating	Aircell, Aircell pipe insulation	Straight	Canvas	C	N		4(7)			LF	V0037	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Not accessible															
Wall		Plaster, Wall plaster			A	Y		100			%	V0019	None Detected	N.D.	None	
Wall		Paint, Yellow paint on concrete block wall (1944 construction era)			A	Y		2000(7)			SF	V0012	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall		Mortar, Mortar between concrete block wall (1944 construction era)		Paint	A	Y		100			%	V0009	None Detected	N.D.	None	
Wall	Blackboard	Fibrous Board, black chalkboard			A	Y		100			%	V0050	None Detected	N.D.	None	

Client: Halton District School Board
Location: #1 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: B

Building Name: Lakeshore Public School
Room #: 1
Last Re-Assessment: 0000-00-00

Area (sqft): 1200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Plaster				V0006	Beige on plaster	Pb: 0.22 %	Lead (High)	

Client: Halton District School Board
Location: #1 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: B

Building Name: Lakeshore Public School
Room #: 1
Last Re-Assessment: 0000-00-00

Area (sqft): 1200

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	16	EA	V9000	Confirmed Mercury

Client: Halton District School Board
Location: #2 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: B

Building Name: Lakeshore Public School
Room #: 2-A
Last Re-Assessment: 0000-00-00

Area (sqft): 1600

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2x4 ceiling tile fissure width wise			C	Y		100			%	V0040	None Detected	N.D.	None	
Ceiling		Plaster, Ceiling plaster			C	N		100			%	V0020	None Detected	N.D.	None	
Duct		Not Insulated			C	N										
Floor		Vinyl Floor Tile and Mastic, 12x12 Beige with light brown flecks			A	Y		100			%	S0052AB	None Detected	N.D.	None	
Floor		Mastic, Mastics under vinyl floor tiles		Vinyl Floor Tile	D	N		100			%	V0049	None Detected	N.D.	None	
Floor		Vinyl Floor Tile, 12" beige with brown streaks and specks			A	Y		100			%	V0028	None Detected	N.D.	None	
Mechanical Equipment		Not Insulated			A	Y										
Piping	All	Fibreglass		Canvas	C	N										
Piping	All	Not Insulated			C	N										
Structure	Not accessible															
Wall		Plaster, Wall plaster			A	Y		100			%	V0019	None Detected	N.D.	None	
Wall		Paint, Yellow paint on concrete block wall (1944 construction era)			A	Y		2400(7)			SF	V0012	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall		Mortar, Mortar between concrete block wall (1944 construction era)		Paint	A	Y		100			%	V0009	None Detected	N.D.	None	
Wall	Blackboard	Fibrous Board, black chalkboard			A	Y		100			%	V0050	None Detected	N.D.	None	

Includes Corridor

Client: Halton District School Board
Location: #2 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: B

Building Name: Lakeshore Public School
Room #: 2-A
Last Re-Assessment: 0000-00-00

Area (sqft): 1600

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Concrete (poured)				L0015	Grey on concrete	Pb: 0.39 %	Lead (High)	
Wall	Plaster				V0006	Beige on plaster	Pb: 0.22 %	Lead (High)	

Includes Corridor

Client: Halton District School Board
Location: #2 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: B

Building Name: Lakeshore Public School
Room #: 2-A
Last Re-Assessment: 0000-00-00

Area (sqft): 1600

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	18	EA	V9000	Confirmed Mercury

Includes Corridor

Client: Halton District School Board
Location: #3 : Storage
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: B

Building Name: Lakeshore Public School
Room #: 3-A-B3
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		Ceiling Tiles (lay-in), 2x4 ceiling tile crows feet			C	Y		100			%	V0042	None Detected	N.D.	None	
Ceiling		Ceiling Tiles (lay-in), 2x4 ceiling tile crows feet			C	Y		100			%	V0044	None Detected	N.D.	None	
Duct		Not Insulated			C	N										
Floor		Ceramic Tiles			A	Y		100			%					
Mechanical Equipment		None Found														
Piping	All	Fibreglass		Paper	C	N										
Piping	All	Not Insulated			C	N										
Piping	Hot water heating	Parging Cement, cementitious pipe fitting insulation	Elbow	Canvas	C	N		1(7)			EA	V0045	Chrysotile	0.5-5%	Confirmed Asbestos	F
Piping	Hot water heating	Aircell, aircell pipe straight insulation	Straight	Canvas	C	N		10(7)			LF	V0046	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Not accessible															
Wall		Plaster, Wall plaster			A	Y		100			%	V0023	None Detected	N.D.	None	
Wall		Paint, Blue paint on concrete block wall (1920 construction era)			A	Y		100			%	V0013	None Detected	N.D.	None	
Wall		Paint, Paint on block			A	Y						S0013C	None Detected	N.D.	None	
Wall		Mortar, Mortar between concrete block wall (1920 construction era)		Paint	A	Y		100			%	V0004	None Detected	N.D.	None	

Includes Corridor

Client: Halton District School Board
Location: #3 : Storage
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: B

Building Name: Lakeshore Public School
Room #: 3-A-B3
Last Re-Assessment: 0000-00-00

Area (sqft): 400

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Plaster				V0006	Beige on plaster	Pb: 0.22 %	Lead (High)	

Includes Corridor

Client: Halton District School Board
Location: #3 : Storage
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: B

Building Name: Lakeshore Public School
Room #: 3-A-B3
Last Re-Assessment: 0000-00-00

Area (sqft): 400

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	2	EA	V9000	Confirmed Mercury

Includes Corridor

Client: Halton District School Board
Location: #4 : Boiler Room
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: B

Building Name: Lakeshore Public School
Room #: 4
Last Re-Assessment: 0000-00-00

Area (sqft): 1400

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster, Ceiling plaster			C	Y		100			%	V0022	None Detected	N.D.	None	
Duct		Not Insulated			B	Y										
Floor		Concrete (poured)			B	Y		100			%					
Mechanical Equipment		Not Insulated			B	Y										
Piping	All	Fibreglass		Canvas	B	Y										
Piping	All	Fibreglass		Canvas	C	Y										
Piping	All	Not Insulated			B	Y										
Piping	All	Not Insulated			C	Y										
Piping	Hot water heating	Parging Cement, Cementitious pipe fitting insulation	Elbow	Canvas	B	Y		3(7)			EA	V0038	[Asbestos]		[Asbestos]	F
Piping	Hot water heating	Parging Cement, cementitious pipe fitting insulation	Elbow	Canvas	C	Y		15(7)			EA	V0045	Chrysotile	0.5-5%	Confirmed Asbestos	F
Piping	Hot water heating	Aircell, Aircell pipe insulation	Straight	Canvas	B	Y		30(7)			LF	V0037	Chrysotile	25-50%	Confirmed Asbestos	F
Piping	Hot water heating	Aircell, aircell pipe straight insulation	Straight	Canvas	C	Y		170(7)			LF	V0046	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Not accessible															
Wall		Concrete (precast)		Paint	B	Y		1400			SF					
Wall		Masonry		Paint	B	Y		1400			SF					
Wall		Paint, Grey paint on concrete block wall (1944 construction era)			B	Y		1400(7)			SF	V0008	[Asbestos]	[Asbestos]	[Asbestos]	NF
Wall		Paint, Grey paint on concrete brick wall (1944 construction era)			B	Y		1400(7)			SF	V0010	[Asbestos]	[Asbestos]	[Asbestos]	NF
Wall		Mortar, Mortar between concrete block wall (1944 construction era)		Paint	B	Y		100			%	V0009	None Detected	N.D.	None	
Wall		Mortar, Mortar between brick (1944 construction era)		Paint	B	Y		100			%	V0011	None Detected	N.D.	None	

Phases A & B

Client: Halton District School Board
Location: #4 : Boiler Room
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: B

Building Name: Lakeshore Public School
Room #: 4
Last Re-Assessment: 0000-00-00

Area (sqft): 1400

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	3	EA	V9000	Confirmed Mercury

Phases A & B

Client: Halton District School Board
Location: #5 : Washrooms
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: B

Building Name: Lakeshore Public School
Room #: 5-A
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		Ceiling Tiles (lay-in), 2x4 ceiling tile fissure width wise			C	Y		100			%	V0040	None Detected	N.D.	None	
Ceiling		Ceiling Tiles (lay-in), 2x4 ceiling tile short random fissure			C	Y		100			%	V0041	None Detected	N.D.	None	
Duct		Not Insulated			C	N										
Floor		Ceramic Tiles			A	Y		100			%					
Mechanical Equipment		None Found														
Piping	All	Fibreglass		Paper	C	N										
Piping	All	Not Insulated			A	Y										
Piping	All	Not Insulated			C	N										
Structure	Not accessible															
Wall		Paint, Blue paint on concrete block wall (1920 construction era)			A	Y		100			%	V0013	None Detected	N.D.	None	
Wall		Mortar, Mortar between concrete block wall (1920 construction era)		Paint	A	Y		100			%	V0004	None Detected	N.D.	None	

Client: Halton District School Board
Location: #5 : Washrooms
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: B

Building Name: Lakeshore Public School
Room #: 5-A
Last Re-Assessment: 0000-00-00

Area (sqft): 400

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	8	EA	V9000	Confirmed Mercury

Client: Halton District School Board
Location: #6 : Storage
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: B

Building Name: Lakeshore Public School
Room #: 6
Last Re-Assessment: 0000-00-00

Area (sqft): 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2x4 ceiling tile dimpled			C	Y		100			%	V0039	None Detected	N.D.	None	
Duct		None Found														
Floor		Concrete (poured)			A	Y										
Mechanical Equipment		None Found														
Piping		Not Insulated			C	N										
Structure	Not accessible															
Wall		Drywall and joint compound, drywall joint compound			A	Y		100			%	V0047	None Detected	N.D.	None	
Wall		Paint, Yellow paint on concrete block wall (1920 construction era)			A	Y		100			%	V0003	None Detected	N.D.	None	
Wall		Mortar, Mortar between concrete block wall (1920 construction era)		Paint	A	Y		100			%	V0004	None Detected	N.D.	None	
Wall	Window	Caulking, Caulking on window			A	Y		100			%	V0048	None Detected	N.D.	None	

Client: Halton District School Board
Location: #6 : Storage
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: B

Building Name: Lakeshore Public School
Room #: 6
Last Re-Assessment: 0000-00-00

Area (sqft): 200

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	4	EA	V9000	Confirmed Mercury

Client: Halton District School Board
Location: #7 : Open Area
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: B

Building Name: Lakeshore Public School
Room #: 7
Last Re-Assessment: 0000-00-00

Area (sqft): 800

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2x4 ceiling tile crows feet			C	Y		100			%	V0042	None Detected	N.D.	None	
Ceiling		Ceiling Tiles (lay-in), 2x4 ceiling tile crows feet			C	Y		100			%	V0044	None Detected	N.D.	None	
Duct		Not Insulated			C	N										
Floor		Ceramic Tiles			A	Y		100			%					
Mechanical Equipment		None Found														
Piping	All	Fibreglass		Paper	C	N										
Piping	All	Not Insulated			C	N										
Structure	Not accessible															
Wall		Plaster, Wall plaster			A	Y		100			%	V0023	None Detected	N.D.	None	
Wall		Paint, Blue paint on concrete block wall (1920 construction era)			A	Y		100			%	V0013	None Detected	N.D.	None	
Wall		Mortar, Mortar between concrete block wall (1920 construction era)		Paint	A	Y		100			%	V0004	None Detected	N.D.	None	

Client: Halton District School Board
Location: #7 : Open Area
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: B

Building Name: Lakeshore Public School
Room #: 7
Last Re-Assessment: 0000-00-00

Area (sqft): 800

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Plaster				V0006	Beige on plaster	Pb: 0.22 %	Lead (High)

Client: Halton District School Board
Location: #7 : Open Area
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: B

Building Name: Lakeshore Public School
Room #: 7
Last Re-Assessment: 0000-00-00

Area (sqft): 800

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	4	EA	V9000	Confirmed Mercury

Client: Halton District School Board
Location: #8 : Open Area
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: B

Building Name: Lakeshore Public School
Room #: 8
Last Re-Assessment: 0000-00-00

Area (sqft): 600

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster, Ceiling plaster			C	Y		100			%	V0021	None Detected	N.D.	None	
Duct		Not Insulated			C	Y										
Floor		Concrete (poured)			A	Y		100			%					
Floor		Concrete (poured)			A	Y		100			%					
Mechanical Equipment		None Found														
Piping		Fibreglass		Plastic	A	Y										
Piping		Fibreglass		Plastic	C	Y										
Piping		Not Insulated			C	Y										
Piping		Not Insulated			A	Y										
Structure	Not accessible															
Wall		Drywall and joint compound, Gypsum joint compound (1920 construction era)			A	Y		100			%	V0007	None Detected	N.D.	None	
Wall		Paint, Yellow paint on brick wall (1920 construction era)			A	Y		100			%	V0005	None Detected	N.D.	None	
Wall		Paint, Yellow paint on concrete block wall (1920 construction era)			A	Y		100			%	V0003	None Detected	N.D.	None	
Wall		Mortar, Mortar between brick (1920 construction era)		Paint	A	Y		100			%	V0006	None Detected	N.D.	None	
Wall		Mortar, Mortar between concrete block wall (1920 construction era)		Paint	A	Y		100			%	V0004	None Detected	N.D.	None	

Client: Halton District School Board
Location: #8 : Open Area
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: B

Building Name: Lakeshore Public School
Room #: 8
Last Re-Assessment: 0000-00-00

Area (sqft): 600

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	4	EA	V9000	Confirmed Mercury

Client: Halton District School Board
Location: #9 : Storage
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: B

Building Name: Lakeshore Public School
Room #: 9-A-B4
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		Ceiling Tiles (lay-in), 2x4 ceiling tile crows feet			C	Y		100			%	V0042	None Detected	N.D.	None	
Ceiling		Ceiling Tiles (lay-in), 2x4 ceiling tile crows feet			C	Y		100			%	V0044	None Detected	N.D.	None	
Duct		Not Insulated			C	N										
Floor		Concrete (poured)			A	Y		100			%					
Mechanical Equipment		None Found														
Piping	All	Fibreglass		Paper	C	N										
Piping	All	Not Insulated			C	N										
Structure	Not accessible															
Wall		Plaster, Wall plaster			A	Y		100			%	V0023	None Detected	N.D.	None	
Wall		Paint, Yellow paint on brick wall (1920 construction era)			A	Y		100			%	V0005	None Detected	N.D.	None	
Wall		Mortar, Mortar between brick (1920 construction era)		Paint	A	Y		100			%	V0006	None Detected	N.D.	None	

Includes Corridor

Client: Halton District School Board
Location: #9 : Storage
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: B

Building Name: Lakeshore Public School
Room #: 9-A-B4
Last Re-Assessment: 0000-00-00

Area (sqft): 400

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Plaster				V0006	Beige on plaster	Pb: 0.22 %	Lead (High)

Includes Corridor

Client: Halton District School Board
Location: #9 : Storage
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: B

Building Name: Lakeshore Public School
Room #: 9-A-B4
Last Re-Assessment: 0000-00-00

Area (sqft): 400

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	2	EA	V9000	Confirmed Mercury

Includes Corridor

Client: Halton District School Board
Location: #10 : Storage
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: B

Building Name: Lakeshore Public School
Room #: 10
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		Ceiling Tiles (lay-in), 2x4 ceiling tile dimpled			C	Y		100			%	V0039	None Detected	N.D.	None	
Duct		None Found														
Floor		Concrete (poured)			A	Y										
Mechanical Equipment		None Found														
Piping		Not Insulated			C	N										
Structure	Not accessible															
Wall		Drywall and joint compound, drywall joint compound			A	Y		100			%	V0047	None Detected	N.D.	None	
Wall		Paint, Yellow paint on concrete block wall (1920 construction era)			A	Y		100			%	V0003	None Detected	N.D.	None	
Wall		Mortar, Mortar between concrete block wall (1920 construction era)		Paint	A	Y		100			%	V0004	None Detected	N.D.	None	

Client: Halton District School Board
Location: #10 : Storage
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: B

Building Name: Lakeshore Public School
Room #: 10
Last Re-Assessment: 0000-00-00

Area (sqft): 400

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	3	EA	V9000	Confirmed Mercury

Client: Halton District School Board
Location: #20 : Boiler Room
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: B

Building Name: Lakeshore Public School
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 0

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	6	EA	V9000	Confirmed Mercury

Client: Halton District School Board
Location: #21 : Stairwell
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 0

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	4	EA	V9000	Confirmed Mercury

Client: Halton District School Board
Location: #22 : Stairwell
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 0

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	4	EA	V9000	Confirmed Mercury

Client: Halton District School Board
Location: #100 : Kindergarten
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 100-A-B-C
Last Re-Assessment: 0000-00-00

Area (sqft): 1400

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Texture Coat, Textured ceiling coat			C	Y		1400(7)			SF	V0034	Chrysotile	0.5-5%	Confirmed Asbestos	F
Ceiling		Texture Coat			C	Y						S0055DF	Chrysotile	0.5-5%	Confirmed Asbestos	F
Duct		Not Insulated			C	Y										
Floor		Laminate			A	Y		100			%					
Floor		Vinyl Floor Tile, 12"x12" vinyl floor tile beige with red streaks		Laminate	D	N		100			%	V0030	None Detected	N.D.	None	
Floor ¹		Vinyl Floor Tile, 9" vinyl floor tile charcoal										V0031	[None]	[Abated]	[Abated]	
Mechanical Equipment		Not Insulated			A	Y										
Piping	All	Not Insulated			C	Y										
Structure	Not accessible															
Wall		Plaster, Wall plaster			A	Y		100			%	V0024	None Detected	N.D.	None	

1 - Room 100C

Client: Halton District School Board
Location: #100 : Kindergarten
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 100-A-B-C
Last Re-Assessment: 0000-00-00

Area (sqft): 1400

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Plaster				V0006	Beige on plaster	Pb: 0.22 %	Lead (High)	

Client: Halton District School Board
Location: #100 : Kindergarten
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 100-A-B-C
Last Re-Assessment: 0000-00-00

Area (sqft): 1400

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	15	EA	V9000	Confirmed Mercury

Client: Halton District School Board
Location: #101 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 101-A-B
Last Re-Assessment: 0000-00-00

Area (sqft): 1200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2x4 ceiling tile textured			C	Y		100			%	V0036	None Detected	N.D.	None	
Ceiling		Ceiling Tiles (lay-in), 2x4 ceiling tile textured			C	Y		100			%	V0043	None Detected	N.D.	None	
Duct		Not Insulated			C	N										
Floor		Wood			A	Y		100			%					
Floor		Horsehair, Compressed layer of horsehair between two layers of paper under hardwood floor		Wood	D	N		100			%	V0015	None Detected	N.D.	None	
Floor		Paper, Black paper under horsehair - bottom layer		Horsehair	D	N		100			%	V0016	Chrysotile	<0.5%	None	
Floor		Paper, Brown paper under horsehair - top layer		Horsehair	D	N		100			%	V0017	None Detected	N.D.	None	
Mechanical Equipment		Not Insulated			A	Y										
Piping	All	Fibreglass		Paper	C	N										
Piping	All	Not Insulated			C	N										
Piping	Hot water heating	Aircell, aircell pipe straight insulation	Straight	Canvas	A	Y		6(5)			LF	V0046	Chrysotile	25-50%	Confirmed Asbestos	F
Piping	Hot water heating	Aircell, aircell pipe straight insulation	Straight	Canvas	C	Y		12(7)			LF	V0046	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Not accessible															
Wall		Plaster, Wall plaster			A	Y		100			%	V0019	None Detected	N.D.	None	

Client: Halton District School Board
Location: #101 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 101-A-B
Last Re-Assessment: 0000-00-00

Area (sqft): 1200

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Plaster				V0006	Beige on plaster	Pb: 0.22 %	Lead (High)

Client: Halton District School Board
Location: #101 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 101-A-B
Last Re-Assessment: 0000-00-00

Area (sqft): 1200

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	11	EA	V9000	Confirmed Mercury

Client: Halton District School Board
Location: #102 : Kindergarten
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 102-A
Last Re-Assessment: 0000-00-00

Area (sqft): 1200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2x4 ceiling tile textured			C	Y		100			%	V0036	None Detected	N.D.	None	
Ceiling		Ceiling Tiles (lay-in), 2x4 ceiling tile textured			C	Y		100			%	V0043	None Detected	N.D.	None	
Duct		Not Insulated			C	N										
Floor		Wood			A	Y		100			%					
Floor		Horsehair, Compressed layer of horsehair between two layers of paper under hardwood floor		Wood	D	N		100			%	V0015	None Detected	N.D.	None	
Floor		Paper, Black paper under horsehair - bottom layer		Horsehair	D	N		100			%	V0016	Chrysotile	<0.5%	None	
Floor		Paper, Brown paper under horsehair - top layer		Horsehair	D	N		100			%	V0017	None Detected	N.D.	None	
Piping	All	Fibreglass		Paper	C	N										
Piping	All	Not Insulated			C	N										
Piping	Hot water heating	Aircell, aircell pipe straight insulation	Straight	Canvas	A	Y		24(5)			LF	V0046	Chrysotile	25-50%	Confirmed Asbestos	F
Piping	Hot water heating	Aircell, aircell pipe straight insulation	Straight	Canvas	C	Y		30(7)			LF	V0046	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Not accessible															
Wall		Plaster, Wall plaster			A	Y		100			%	V0019	None Detected	N.D.	None	

Client: Halton District School Board
Location: #102 : Kindergarten
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 102-A
Last Re-Assessment: 0000-00-00

Area (sqft): 1200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Plaster				V0006	Beige on plaster	Pb: 0.22 %	Lead (High)	

Client: Halton District School Board
Location: #102 : Kindergarten
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 102-A
Last Re-Assessment: 0000-00-00

Area (sqft): 1200

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	9	EA	V9000	Confirmed Mercury

Client: Halton District School Board
Location: #103 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 103-A
Last Re-Assessment: 0000-00-00

Area (sqft): 1200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2x4 ceiling tile dimpled			C	Y		100			%	V0039	None Detected	N.D.	None	
Ceiling		Ceiling Tiles (lay-in), 2x4 ceiling tile fissure width wise			C	Y		100			%	V0035	None Detected	N.D.	None	
Ceiling		Ceiling Tiles (lay-in), 2x4 ceiling tile fissure width wise			C	Y		100			%	V0040	None Detected	N.D.	None	
Duct		Not Insulated			C	N										
Floor		Wood		Vinyl Floor Tile and Mastic	D	N		100			%					
Floor		Vinyl Floor Tile and Mastic, 12x12 light brown, installed post-2000			A	Y		100			%	V0000	Non-Asbestos		None	
Floor		Horsehair, Compressed layer of horsehair between two layers of paper under hardwood floor		Wood	D	N		100			%	V0015	None Detected	N.D.	None	
Floor		Paper, Black paper under horsehair - bottom layer		Horsehair	D	N		100			%	V0016	Chrysotile	<0.5%	None	
Floor		Paper, Brown paper under horsehair - top layer		Horsehair	D	N		100			%	V0017	None Detected	N.D.	None	
Mechanical Equipment		Not Insulated			A	Y										
Piping	All	Fibreglass		Paper	C	N										
Piping	All	Not Insulated			C	N										
Wall		Drywall and joint compound, drywall joint compound			A	Y		100			%	V0047	None Detected	N.D.	None	
Wall		Plaster, Wall plaster			A	Y		100			%	V0023	None Detected	N.D.	None	

Client: Halton District School Board
Location: #103 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 103-A
Last Re-Assessment: 0000-00-00

Area (sqft): 1200

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Plaster				V0006	Beige on plaster	Pb: 0.22 %	Lead (High)

Client: Halton District School Board
Location: #103 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 103-A
Last Re-Assessment: 0000-00-00

Area (sqft): 1200

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	11	EA	V9000	Confirmed Mercury

Client: Halton District School Board
Location: #104 : Staff Room
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 104
Last Re-Assessment: 0000-00-00

Area (sqft): 0

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	4	EA	V9000	Confirmed Mercury

Client: Halton District School Board
Location: #105 : Corridor/Staff Area
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 105-A-B-C-D
Last Re-Assessment: 0000-00-00

Area (sqft): 1200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2x4 ceiling tile fissure width wise			C	Y		100			%	V0040	None Detected	N.D.	None	
Ceiling		Ceiling Tiles (lay-in), 2x4 ceiling tile short random fissure			C	Y		100			%	V0041	None Detected	N.D.	None	
Duct		Not Insulated			C	N										
Floor		Ceramic Tiles			A	Y		100			%					
Floor		Laminate			A	Y		100			%					
Mechanical Equipment		Not Insulated			A	Y										
Piping	All	Fibreglass		Paper	C	N										
Piping	All	Not Insulated			A	Y										
Piping	All	Not Insulated			C	N										
Structure	Not accessible															
Wall		Drywall and joint compound, Gypsum joint compound (1920 construction era)			A	Y		100			%	V0007	None Detected	N.D.	None	
Wall		Drywall and joint compound, drywall joint compound			A	Y		100			%	V0047	None Detected	N.D.	None	
Wall		Plaster, Wall plaster			A	Y		100			%	V0023	None Detected	N.D.	None	
Wall		Ceramic Tiles			A	Y		100			%					

Includes Elevator

Client: Halton District School Board
Location: #105 : Corridor/Staff Area
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 105-A-B-C-D
Last Re-Assessment: 0000-00-00

Area (sqft): 1200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Plaster				V0006	Beige on plaster	Pb: 0.22 %	Lead (High)	

Includes Elevator

Client: Halton District School Board
Location: #105 : Corridor/Staff Area
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 105-A-B-C-D
Last Re-Assessment: 0000-00-00

Area (sqft): 1200

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	17	EA	V9000	Confirmed Mercury

Includes Elevator

Client: Halton District School Board
Location: #106 : Library
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 106-A-B-C
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		Ceiling Tiles (lay-in), 2x4 acoustic ceiling tile with pinholes, installed post-2008			C	Y		100			%	V0000	Non-Asbestos		None	
Duct		Not Insulated			C	N										
Floor		Vinyl Floor Tile and Mastic, 12x12 light grey with flecks, installed post-2008			A	Y		100			%	V0000	Non-Asbestos		None	
Floor		Carpet			A	Y		100			%					
Floor		Terrazzo			A	Y		100			%					
Floor		Mastic, Mastics under vinyl floor tiles	Vinyl Floor Tile									V0051	[None]	[Abated]	[Abated]	
Floor		Vinyl Floor Tile, 9" vinyl floor tile green										V0029	[None]	[Abated]	[Abated]	
Mechanical Equipment		Not Insulated			A	Y										
Piping	All	Fibreglass		Paper	C	N										
Piping	All	Not Insulated			C	N										
Structure	Not accessible															
Wall		Plaster, Wall plaster			A	Y		100			%	V0024	None Detected	N.D.	None	
Wall		Paint, White paint on concrete block wall (1951 construction era)			A	Y		100			%	V0001	None Detected	N.D.	None	
Wall		Paint, Paint on block			A	Y						S0001D	None Detected	N.D.	None	
Wall		Mortar, Mortar between concrete block wall (1951 construction era)		Paint	A	Y		100			%	V0002	None Detected	N.D.	None	

Includes Corridor

Client: Halton District School Board
Location: #106 : Library
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 106-A-B-C
Last Re-Assessment: 0000-00-00

Area (sqft): 2000

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Concrete Block				L0012	Beige on block	Pb: .00047 %	No	
Wall	Plaster				V0006	Beige on plaster	Pb: 0.22 %	Lead (High)	

Includes Corridor

Client: Halton District School Board
Location: #106 : Library
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 106-A-B-C
Last Re-Assessment: 0000-00-00

Area (sqft): 2000

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	26	EA	V9000	Confirmed Mercury

Includes Corridor

Client: Halton District School Board
Location: #107 : Coach Room
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 107
Last Re-Assessment: 0000-00-00

Area (sqft): 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2x4 acoustic ceiling tile with pinholes, date stamped			C	Y		100			%	V0000	Non-Asbestos		None	
Duct		Not Insulated			C	N										
Floor		Vinyl Floor Tile and Mastic, 12x12 light grey with flecks, installed post-2008			A	Y		100			%	V0000	Non-Asbestos		None	
Floor		Vinyl Floor Tile, 12" vinyl floor tile beige with orange and black streaks										V0032	[None]	[Abated]	[Abated]	
Mechanical Equipment		None Found														
Piping	All	Fibreglass		Paper	C	N										
Piping	All	Not Insulated			C	N										
Piping	Hot water heating	Parging Cement, Cementitious pipe fitting insulation	Elbow	Canvas								V0038	[Asbestos]	[Abated]	[Asbestos]	
Piping	Hot water heating	Aircell, Aircell pipe insulation	Straight	Canvas								V0037	[None]	[Abated]	[Abated]	
Structure	Not accessible															
Wall		Plaster, Wall plaster			A	Y		100			%	V0024	None Detected	N.D.	None	

Client: Halton District School Board
Location: #107 : Coach Room
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 107
Last Re-Assessment: 0000-00-00

Area (sqft): 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Plaster				V0006	Beige on plaster	Pb: 0.22 %	Lead (High)	

Client: Halton District School Board
Location: #107 : Coach Room
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 107
Last Re-Assessment: 0000-00-00

Area (sqft): 200

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	6	EA	V9000	Confirmed Mercury

Client: Halton District School Board
Location: #109 : Washroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 109
Last Re-Assessment: 0000-00-00

Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster			C	Y		100			%	V0024	None Detected	N.D.	None	
Duct		Not Insulated			C	N										
Floor		Vinyl Floor Tile and Mastic, 12x12 Light beige with dark and light flecks			A	Y		100			%	S0053ABC	None Detected	N.D.	None	
Mechanical Equipment		None Found														
Piping	All	Not Insulated			A	Y										
Piping	Hot water heating	Parging Cement, Cementitious pipe fitting insulation	Elbow	Canvas	C	N		2(7)			EA	V0038	[Asbestos]		[Asbestos]	F
Piping	Hot water heating	Aircell, Aircell pipe insulation	Straight	Canvas	C	N		2(7)			LF	V0037	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Not accessible															
Wall		Plaster, Wall plaster			A	Y		100			%	V0024	None Detected	N.D.	None	

Client: Halton District School Board
Location: #109 : Washroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 109
Last Re-Assessment: 0000-00-00

Area (sqft): 100

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Plaster				V0006	Beige on plaster	Pb: 0.22 %	Lead (High)	

Client: Halton District School Board
Location: #109 : Washroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 109
Last Re-Assessment: 0000-00-00

Area (sqft): 100

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	1	EA	V9000	Confirmed Mercury

Client: Halton District School Board
Location: #110 : Lobby
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 110-A-B
Last Re-Assessment: 0000-00-00

Area (sqft): 1000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2x4 acoustic ceiling tile with pinholes, installed post-2008			C	Y		100			%	V0000	Non-Asbestos		None	
Ceiling		Plaster			C	Y						S0024B	None Detected	N.D.	None	
Ceiling		Texture Coat			C	Y		200(7)			SF	S0055E	Chrysotile	0.5-5%	Confirmed Asbestos	F
Duct		Not Insulated			C	N										
Floor		Terrazzo			A	Y		100			%					
Mechanical Equipment		None Found														
Piping	All	Fibreglass		Paper	C	N										
Piping	All	Not Insulated			C	N										
Piping	Hot water heating	Parging Cement, Cementitious pipe fitting insulation	Elbow	Canvas	A	Y		1(5)			EA	V0038	[Asbestos]		[Asbestos]	F
Structure	Not accessible															
Wall		Plaster, Wall plaster			A	Y		100			%	V0024	None Detected	N.D.	None	

Client: Halton District School Board
Location: #110 : Lobby
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 110-A-B
Last Re-Assessment: 0000-00-00

Area (sqft): 1000

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Plaster				V0006	Beige on plaster	Pb: 0.22 %	Lead (High)	

Client: Halton District School Board
Location: #110 : Lobby
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 110-A-B
Last Re-Assessment: 0000-00-00

Area (sqft): 1000

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	9	EA	V9000	Confirmed Mercury

Client: Halton District School Board
Location: #111 : Corridor
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 111-A-B-C-D-E
Last Re-Assessment: 0000-00-00

Area (sqft): 2500

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2x4 ceiling tile fissure width wise			C	Y		100			%	V0035	None Detected	N.D.	None	
Ceiling		Ceiling Tiles (lay-in), 2x4 ceiling tile fissure width wise			C	Y		100			%	V0040	None Detected	N.D.	None	
Duct		Not Insulated			C	N										
Floor		Laminate			A	Y		100			%					
Mechanical Equipment		None Found														
Piping	All	Fibreglass		Canvas	C	N										
Piping	All	Not Insulated			C	N										
Piping	Hot water heating	Parging Cement, Cementitious pipe fitting insulation		Canvas	A	Y		6(5)			EA	V0038	[Asbestos]		[Asbestos]	F
Piping	Hot water heating	Aircell, aircell pipe straight insulation	Straight	Canvas	A	Y		12(5)			LF	V0046	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Not accessible															
Wall		Drywall and joint compound, Gypsum joint compound (1920 construction era)			A	Y		100			%	V0007	None Detected	N.D.	None	
Wall		Paint, Yellow paint on concrete block wall (1920 construction era)			A	Y		100			%	V0003	None Detected	N.D.	None	
Wall		Paint, Blue paint on concrete block wall (1920 construction era)			A	Y		100			%	V0013	None Detected	N.D.	None	
Wall		Mortar, Mortar between concrete block wall (1920 construction era)		Paint	A	Y		100			%	V0004	None Detected	N.D.	None	

Phases A & B; Includes Stairwells

Client: Halton District School Board
Location: #111 : Corridor
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 111-A-B-C-D-E
Last Re-Assessment: 0000-00-00

Area (sqft): 2500

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	11	EA	V9000	Confirmed Mercury

Phases A & B; Includes Stairwells

Client: Halton District School Board
Location: #112 : Corridor
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: B

Building Name: Lakeshore Public School
Room #: 112
Last Re-Assessment: 0000-00-00

Area (sqft): 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2x4 acoustic ceiling tile with pinholes (2008 construction era)			C	Y		100			%	V0014	None Detected	N.D.	None	
Duct		Not Insulated			C	N										
Floor		Vinyl Floor Tile and Mastic, 12x12 Light beige with flecks, installed post-2008			A	Y		100			%	V0000	Non-Asbestos		None	
Mechanical Equipment		None Found														
Piping		Not Insulated			C	N										
Structure	Deck	Steel			C	N										
Wall		Concrete (precast)		Paint	A	Y		100			%					
Wall		Paint, On concrete block, installed post-2008			A	Y		100			%	V0000	Non-Asbestos		None	
Wall		Mortar, between concrete block, installed post-2008		Paint	A	Y		100			%	V0000	Non-Asbestos		None	

Client: Halton District School Board
Location: #112 : Corridor
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: B

Building Name: Lakeshore Public School
Room #: 112
Last Re-Assessment: 0000-00-00

Area (sqft): 200

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	4	EA	V9000	Confirmed Mercury

Client: Halton District School Board
Location: #113 : Elevator
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: B-1

Building Name: Lakeshore Public School
Room #: 113
Last Re-Assessment: 0000-00-00

Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Metal			C	Y		100			%					
Duct		None Found														
Floor		Metal			A	Y		100			%					
Mechanical Equipment		Not Insulated			D	N										
Piping		None Found														
Structure	Shaft	Concrete (precast)			D	N										
Wall		Metal			A	Y		100			%					
Wall		Mortar, between concrete block, installed post-2008		Paint	A	Y		100			%	V0000	Non-Asbestos		None	

Client: Halton District School Board
Location: #114 : Elevator Mechanical Room
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 114
Last Re-Assessment: 0000-00-00

Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		None Found														
Duct		Not Insulated			C	Y										
Floor		Concrete (poured)			A	Y										
Mechanical Equipment		Not Insulated			A	Y										
Piping		Not Insulated			A	Y										
Structure	Deck	Steel			C	Y										
Wall		Concrete (precast)		Paint	A	Y		100			%					
Wall		Paint, On concrete block, installed post-2008			A	Y		100			%	V0000	Non-Asbestos		None	
Wall		Mortar, between concrete block, installed post-2008		Paint	A	Y		100			%	V0000	Non-Asbestos		None	

Client: Halton District School Board
Location: #114 : Elevator Mechanical Room
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 114
Last Re-Assessment: 0000-00-00

Area (sqft): 100

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	1	EA	V9000	Confirmed Mercury

Client: Halton District School Board
Location: #115 : Corridor
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 115
Last Re-Assessment: 0000-00-00

Area (sqft): 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2x4 acoustic ceiling tile with pinholes (2008 construction era)			C	Y		100			%	V0014	None Detected	N.D.	None	
Duct		Not Insulated			C	N										
Floor		Ceramic Tiles			A	Y		100			%					
Mechanical Equipment		None Found														
Piping		Not Insulated			C	N										
Structure	Deck	Steel			C	N										
Wall		Concrete (precast)		Paint	A	Y		100			%					
Wall		Paint, On concrete block, installed post-2008			A	Y		100			%	V0000	Non-Asbestos		None	
Wall		Mortar, between concrete block, installed post-2008		Paint	A	Y		100			%	V0000	Non-Asbestos		None	

Client: Halton District School Board
Location: #115 : Corridor
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 115
Last Re-Assessment: 0000-00-00

Area (sqft): 200

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	2	EA	V9000	Confirmed Mercury

Client: Halton District School Board
Location: #116 : Corridor
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 116
Last Re-Assessment: 0000-00-00

Area (sqft): 1600

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2x4 acoustic ceiling tile with pinholes (2008 construction era)			C	Y		100			%	V0014	None Detected	N.D.	None	
Duct		Not Insulated			C	N										
Floor		Ceramic Tiles			A	Y		100			%					
Mechanical Equipment		None Found														
Piping		Not Insulated			C	N										
Structure	Deck	Steel			C	N										
Wall		Concrete (precast)		Paint	A	Y		100			%					
Wall		Paint, On concrete block, installed post-2008			A	Y		100			%	V0000	Non-Asbestos		None	
Wall		Mortar, between concrete block, installed post-2008		Paint	A	Y		100			%	V0000	Non-Asbestos		None	

Client: Halton District School Board
Location: #116 : Corridor
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 116
Last Re-Assessment: 0000-00-00

Area (sqft): 1600

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	12	EA	V9000	Confirmed Mercury

Client: Halton District School Board
Location: #117 : Vestibule
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 117
Last Re-Assessment: 0000-00-00

Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2x4 acoustic ceiling tile with pinholes (2008 construction era)			C	Y		100			%	V0014	None Detected	N.D.	None	
Duct		Not Insulated			C	N										
Floor		Ceramic Tiles			A	Y		100			%					
Mechanical Equipment		None Found														
Piping		Not Insulated			C	N										
Structure	Deck	Steel			C	N										
Wall		Concrete (precast)		Paint	A	Y		100			%					
Wall		Paint, On concrete block, installed post-2008			A	Y		100			%	V0000	Non-Asbestos		None	
Wall		Mortar, between concrete block, installed post-2008		Paint	A	Y		100			%	V0000	Non-Asbestos		None	
Wall	Window	Glass			A	Y										

Client: Halton District School Board
Location: #118 : Main Office
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 118-A-B-C
Last Re-Assessment: 0000-00-00

Area (sqft): 1000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2x4 acoustic ceiling tile with pinholes (2008 construction era)			C	Y		100			%	V0014	None Detected	N.D.	None	
Duct		Not Insulated			C	N										
Floor		Vinyl Floor Tile and Mastic, 12x12 Light beige with flecks, installed post-2008			A	Y		100			%	V0000	Non-Asbestos		None	
Floor		Vinyl Floor Tile and Mastic, 12x12 Light grey with black flecks, installed post-2008			A	Y		100			%	V0000	Non-Asbestos		None	
Mechanical Equipment		None Found														
Piping		Not Insulated			C	N										
Structure	Deck	Steel			C	N										
Wall		Concrete (precast)		Paint	A	Y		100			%					
Wall		Paint, On concrete block, installed post-2008			A	Y		100			%	V0000	Non-Asbestos		None	
Wall		Mortar, between concrete block, installed post-2008		Paint	A	Y		100			%	V0000	Non-Asbestos		None	

Client: Halton District School Board
Location: #118 : Main Office
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 118-A-B-C
Last Re-Assessment: 0000-00-00

Area (sqft): 1000

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	16	EA	V9000	Confirmed Mercury

Client: Halton District School Board
Location: #119 : Storage
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 119-A
Last Re-Assessment: 0000-00-00

Area (sqft): 300

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2x4 acoustic ceiling tile with pinholes (2008 construction era)			C	Y		100			%	V0014	None Detected	N.D.	None	
Duct		Not Insulated			C	N										
Floor		Ceramic Tiles			A	Y		100			%					
Mechanical Equipment		None Found														
Piping		Not Insulated			A	Y										
Structure	Deck	Steel			C	N										
Wall		Concrete (precast)		Paint	A	Y		100			%					
Wall		Paint, On concrete block, installed post-2008			A	Y		100			%	V0000	Non-Asbestos		None	
Wall		Mortar, between concrete block, installed post-2008		Paint	A	Y		100			%	V0000	Non-Asbestos		None	

Client: Halton District School Board
Location: #119 : Storage
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 119-A
Last Re-Assessment: 0000-00-00

Area (sqft): 300

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	3	SF	V9000	Confirmed Mercury

Client: Halton District School Board
Location: #120 : Washroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 120
Last Re-Assessment: 0000-00-00

Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2x4 acoustic ceiling tile with pinholes (2008 construction era)			C	Y		100			%	V0014	None Detected	N.D.	None	
Duct		Not Insulated			C	N										
Floor		Ceramic Tiles			A	Y		100			%					
Mechanical Equipment		None Found														
Piping		Not Insulated			A	Y										
Structure	Deck	Steel			C	N										
Wall		Concrete (precast)		Paint	A	Y		100			%					
Wall		Paint, On concrete block, installed post-2008			A	Y		100			%	V0000	Non-Asbestos		None	
Wall		Mortar, between concrete block, installed post-2008		Paint	A	Y		100			%	V0000	Non-Asbestos		None	

Client: Halton District School Board
Location: #120 : Washroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 120
Last Re-Assessment: 0000-00-00

Area (sqft): 100

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	2	EA	V9000	Confirmed Mercury

Client: Halton District School Board
Location: #121 : Washroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 121
Last Re-Assessment: 0000-00-00

Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2x4 acoustic ceiling tile with pinholes (2008 construction era)			C	Y		100			%	V0014	None Detected	N.D.	None	
Duct		Not Insulated			C	N										
Floor		Ceramic Tiles			A	Y		100			%					
Mechanical Equipment		None Found														
Piping		Not Insulated			A	Y										
Structure	Deck	Steel			C	N										
Wall		Concrete (precast)		Paint	A	Y		100			%					
Wall		Paint, On concrete block, installed post-2008			A	Y		100			%	V0000	Non-Asbestos		None	
Wall		Mortar, between concrete block, installed post-2008		Paint	A	Y		100			%	V0000	Non-Asbestos		None	

Client: Halton District School Board
Location: #121 : Washroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 121
Last Re-Assessment: 0000-00-00

Area (sqft): 100

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	2	EA	V9000	Confirmed Mercury

Client: Halton District School Board
Location: #122 : Gymnasium
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 122-A
Last Re-Assessment: 0000-00-00

Area (sqft): 5700

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		None Found														
Duct		Not Insulated			C	Y										
Floor ¹		Vinyl Floor Tile and Mastic, 12x12 light grey with flecks, installed post-2008			A	Y		100			%	V0000	Non-Asbestos		None	
Floor		Rubber, Faux-wood pattern, installed post-2008			A	Y		100			%	V0000	Non-Asbestos		None	
Mechanical Equipment		None Found														
Piping		Fibreglass		Plastic	C	Y										
Structure	Deck	Steel			C	Y		100			%					
Wall		Concrete (precast)		Paint	A	Y		100			%					
Wall		Paint, On concrete block, installed post-2008			A	Y		100			%	V0000	Non-Asbestos		None	
Wall		Mortar, between concrete block, installed post-2008		Paint	A	Y		100			%	V0000	Non-Asbestos		None	

1 - Room 122A

Client: Halton District School Board
Location: #122 : Gymnasium
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 122-A
Last Re-Assessment: 0000-00-00

Area (sqft): 5700

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Concrete Block				L0014	Paint on block	Pb: 0.00035 %	No

Client: Halton District School Board
Location: #122 : Gymnasium
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 1

Building Name: Lakeshore Public School
Room #: 122-A
Last Re-Assessment: 0000-00-00

Area (sqft): 5700

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	100	%	V0000	None

Client: Halton District School Board
Location: #201 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 201
Last Re-Assessment: 0000-00-00

Area (sqft): 1000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Texture Coat, Textured ceiling coat			C	Y		1000(7)			SF	V0034	Chrysotile	0.5-5%	Confirmed Asbestos	F
Ceiling		Texture Coat			C	Y						S0055G	Chrysotile	0.5-5%	Confirmed Asbestos	F
Duct		Not Insulated			C	N										
Floor		Laminate			A	Y		100			%					
Mechanical Equipment		Not Insulated			A	Y										
Piping		Not Insulated			C	Y										
Structure	Not accessible															
Wall		Plaster, Wall plaster			A	Y		100			%	V0024	None Detected	N.D.	None	

Client: Halton District School Board
Location: #201 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 201
Last Re-Assessment: 0000-00-00

Area (sqft): 1000

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Plaster				V0006	Beige on plaster	Pb: 0.22 %	Lead (High)	

Client: Halton District School Board
Location: #201 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 201
Last Re-Assessment: 0000-00-00

Area (sqft): 1000

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	8	EA	V9000	Confirmed Mercury

Client: Halton District School Board
Location: #202 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 202
Last Re-Assessment: 0000-00-00

Area (sqft): 1000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Texture Coat, Textured ceiling coat			C	Y		1000(7)			SF	V0034	Chrysotile	0.5-5%	Confirmed Asbestos	F
Ceiling		Texture Coat			C	Y						S0055A	Chrysotile	0.5-5%	Confirmed Asbestos	F
Duct		Not Insulated			C	N										
Floor		Laminate			A	Y		100			%					
Mechanical Equipment		Not Insulated			A	Y										
Piping		Not Insulated			C	Y										
Structure	Not accessible															
Wall		Plaster, Wall plaster			A	Y		100			%	V0024	None Detected	N.D.	None	

Client: Halton District School Board
Location: #202 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 202
Last Re-Assessment: 0000-00-00

Area (sqft): 1000

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Plaster				V0006	Beige on plaster	Pb: 0.22 %	Lead (High)	

Client: Halton District School Board
Location: #202 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 202
Last Re-Assessment: 0000-00-00

Area (sqft): 1000

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	8	EA	V9500	Presumed Mercury

Client: Halton District School Board
Location: #203 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 203
Last Re-Assessment: 0000-00-00

Area (sqft): 1000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Texture Coat, Textured ceiling coat			C	Y		1000(7)			SF	V0034	Chrysotile	0.5-5%	Confirmed Asbestos	F
Ceiling		Texture Coat			C	Y						S0055C	Chrysotile	0.5-5%	Confirmed Asbestos	F
Duct		Not Insulated			C	N										
Floor		Laminate			A	Y		100			%					
Mechanical Equipment		Not Insulated			A	Y										
Piping		Not Insulated			C	Y										
Structure	Not accessible															
Wall		Plaster, Wall plaster			A	Y		100			%	V0024	None Detected	N.D.	None	
Wall		Plaster			A	Y						S0024C	None Detected	N.D.	None	

Client: Halton District School Board
Location: #203 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 203
Last Re-Assessment: 0000-00-00

Area (sqft): 1000

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Plaster				V0006	Beige on plaster	Pb: 0.22 %	Lead (High)

Client: Halton District School Board
Location: #203 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 203
Last Re-Assessment: 0000-00-00

Area (sqft): 1000

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	9	EA	V9500	Presumed Mercury

Client: Halton District School Board
Location: #204 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 204
Last Re-Assessment: 0000-00-00

Area (sqft): 1000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Texture Coat, Textured ceiling coat			C	Y		1000(7)			SF	V0034	Chrysotile	0.5-5%	Confirmed Asbestos	F
Duct		Not Insulated			C	N										
Floor		Laminate			A	Y		100			%					
Mechanical Equipment		Not Insulated			A	Y										
Piping		Not Insulated			C	Y										
Structure	Not accessible															
Wall		Plaster, Wall plaster			A	Y		100			%	V0024	None Detected	N.D.	None	

Client: Halton District School Board
Location: #204 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 204
Last Re-Assessment: 0000-00-00

Area (sqft): 1000

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Plaster				V0006	Beige on plaster	Pb: 0.22 %	Lead (High)	

Client: Halton District School Board
Location: #204 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 204
Last Re-Assessment: 0000-00-00

Area (sqft): 1000

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	8	EA	V9500	Presumed Mercury

Client: Halton District School Board
Location: #205 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 205-A
Last Re-Assessment: 0000-00-00

Area (sqft): 1200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tile (mechanically fastened), 24x24 nailed on, textured			C	Y		1200			SF					
Duct		Not Insulated			C	N										
Floor		Laminate			A	Y		100			%					
Mechanical Equipment		None Found														
Piping	All	Fibreglass		Canvas	C	N										
Piping	All	Not Insulated			C	N										
Structure	Not accessible															
Wall		Drywall and joint compound, Gypsum joint compound (1920 construction era)			A	Y		100			%	V0007	None Detected	N.D.	None	
Wall		Plaster, Wall plaster			A	Y		100			%	V0023	None Detected	N.D.	None	
Wall		Paint, Paint on block			A	Y						S0013D	None Detected	N.D.	None	

Client: Halton District School Board
Location: #205 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 205-A
Last Re-Assessment: 0000-00-00

Area (sqft): 1200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Plaster				V0006	Beige on plaster	Pb: 0.22 %	Lead (High)	

Client: Halton District School Board
Location: #205 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 205-A
Last Re-Assessment: 0000-00-00

Area (sqft): 1200

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	10	EA	V9000	Confirmed Mercury

Client: Halton District School Board
Location: #206 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 206-A-B
Last Re-Assessment: 0000-00-00

Area (sqft): 1200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2x4 ceiling tile fissure width wise			C	Y		100			%	V0040	None Detected	N.D.	None	
Ceiling		Plaster, Ceiling plaster			C	N		100			%	V0021	None Detected	N.D.	None	
Duct		Not Insulated			C	N										
Floor		Vinyl Floor Tile and Mastic, 12x12 light brown, installed post-2000			A	Y		100			%	V0000	Non-Asbestos		None	
Mechanical Equipment		Not Insulated			A	Y										
Piping	All	Fibreglass		Paper	C	N										
Piping	All	Not Insulated			C	N										
Structure	Not accessible															
Wall		Plaster, Wall plaster			A	Y		100			%	V0019	None Detected	N.D.	None	

Client: Halton District School Board
Location: #206 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 206-A-B
Last Re-Assessment: 0000-00-00

Area (sqft): 1200

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Plaster				V0006	Beige on plaster	Pb: 0.22 %	Lead (High)

Client: Halton District School Board
Location: #206 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 206-A-B
Last Re-Assessment: 0000-00-00

Area (sqft): 1200

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	11	EA	V9500	Presumed Mercury

Client: Halton District School Board
Location: #207 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 207-A-B
Last Re-Assessment: 0000-00-00

Area (sqft): 1200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2x4 ceiling tile fissure width wise			C	Y		100			%	V0040	None Detected	N.D.	None	
Ceiling		Plaster, Ceiling plaster			C	N		100			%	V0021	None Detected	N.D.	None	
Ceiling		Plaster			C	Y						S0020D	None Detected	N.D.	None	
Duct		Not Insulated			C	N										
Floor		Vinyl Floor Tile and Mastic, 12x12 light brown, installed post-2000			A	Y		100			%	V0000	Non-Asbestos		None	
Mechanical Equipment		Not Insulated			A	Y										
Piping	All	Fibreglass		Paper	C	N										
Piping	All	Not Insulated			C	N										
Structure	Not accessible															
Wall		Plaster, Wall plaster			A	Y		100			%	V0019	None Detected	N.D.	None	
Wall		Plaster			A	Y						S0019D	None Detected	N.D.	None	

Client: Halton District School Board
Location: #207 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 207-A-B
Last Re-Assessment: 0000-00-00

Area (sqft): 1200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Plaster				V0006	Beige on plaster	Pb: 0.22 %	Lead (High)	

Client: Halton District School Board
Location: #207 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 207-A-B
Last Re-Assessment: 0000-00-00

Area (sqft): 1200

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	10	EA	V9500	Presumed Mercury

Client: Halton District School Board
Location: #208 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 208-A-B
Last Re-Assessment: 0000-00-00

Area (sqft): 1200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 24x48 pinhole and small fleck, dated 2006			A	Y		1200			SF	V0000	Non-Asbestos		None	
Ceiling		Ceiling Tile (mechanically fastened), 24x24 nailed on, textured			C	N		1200			SF	S0054ABC	None Detected	N.D.	None	
Duct		Not Insulated			C	N										
Floor		Laminate			A	Y		100			%					
Mechanical Equipment		None Found														
Piping	All	Fibreglass		Canvas	C	N										
Piping	All	Not Insulated			C	N										
Structure	Not accessible															
Wall		Drywall and joint compound, Gypsum joint compound (1920 construction era)			A	Y		100			%	V0007	None Detected	N.D.	None	
Wall		Plaster, Wall plaster			A	Y		100			%	V0023	None Detected	N.D.	None	

Client: Halton District School Board
Location: #208 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 208-A-B
Last Re-Assessment: 0000-00-00

Area (sqft): 1200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Plaster				V0006	Beige on plaster	Pb: 0.22 %	Lead (High)	

Client: Halton District School Board
Location: #208 : Classroom
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 208-A-B
Last Re-Assessment: 0000-00-00

Area (sqft): 1200

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	8	EA	V9000	Confirmed Mercury

Client: Halton District School Board
Location: #209 : Caretaker's Office
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 209
Last Re-Assessment: 0000-00-00

Area (sqft): 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster, Ceiling plaster			C	Y		100			%	V0021	None Detected	N.D.	None	
Ceiling		Plaster			C	Y						S0023B	None Detected	N.D.	None	
Duct	Not accessible															
Floor		Carpet			A	Y		100			%					
Mechanical Equipment		None Found														
Piping		Not Insulated			A	Y										
Structure	Not accessible															
Wall		Drywall and joint compound, drywall joint compound			A	Y		100			%	V0047	None Detected	N.D.	None	
Wall		Plaster, Wall plaster			A	Y		100			%	V0023	None Detected	N.D.	None	

Roof Access

Client: Halton District School Board
Location: #209 : Caretaker's Office
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 209
Last Re-Assessment: 0000-00-00

Area (sqft): 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Plaster				V0006	Beige on plaster	Pb: 0.22 %	Lead (High)	

Roof Access

Client: Halton District School Board
Location: #209 : Caretaker's Office
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 209
Last Re-Assessment: 0000-00-00

Area (sqft): 200

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	1	EA	V9500	Presumed Mercury

Roof Access

Client: Halton District School Board
Location: #210 : Storage
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 210
Last Re-Assessment: 0000-00-00

Area (sqft): 300

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2x4 ceiling tile fissure width wise			C	Y		100			%	V0040	None Detected	N.D.	None	
Ceiling		Plaster, Ceiling plaster			C	N		100			%	V0021	None Detected	N.D.	None	
Duct	Not accessible				C	N										
Floor		Vinyl Floor Tile and Mastic, 12x12 light brown, installed post-2000			A	Y		100			%	V0000	Non-Asbestos		None	
Mechanical Equipment		None Found														
Piping	All	Fibreglass		Paper	A	Y										
Piping	All	Not Insulated			A	Y										
Structure	Not accessible															
Wall		Plaster, Wall plaster			A	Y		100			%	V0019	None Detected	N.D.	None	

Client: Halton District School Board
Location: #210 : Storage
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 210
Last Re-Assessment: 0000-00-00

Area (sqft): 300

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Concrete Block				L0001	Beige on block	Pb: 0.00052 %	No	
Wall	Plaster				V0006	Beige on plaster	Pb: 0.22 %	Lead (High)	

Client: Halton District School Board
Location: #210 : Storage
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 210
Last Re-Assessment: 0000-00-00

Area (sqft): 300

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	2	EA	V9500	Presumed Mercury

Client: Halton District School Board
Location: #211 : Custodian Room
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 211
Last Re-Assessment: 0000-00-00

Area (sqft): 300

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster, Ceiling plaster			C	Y		100			%	V0021	None Detected	N.D.	None	
Duct	Not accessible															
Floor		Carpet			A	Y		100			%					
Mechanical Equipment		None Found														
Piping		Not Insulated			A	Y										
Structure	Not accessible															
Wall		Drywall and joint compound, drywall joint compound			A	Y		100			%	V0047	None Detected	N.D.	None	
Wall		Plaster, Wall plaster			A	Y		100			%	V0023	None Detected	N.D.	None	

Client: Halton District School Board
Location: #211 : Custodian Room
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 211
Last Re-Assessment: 0000-00-00

Area (sqft): 300

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Plaster				V0006	Beige on plaster	Pb: 0.22 %	Lead (High)	

Client: Halton District School Board
Location: #211 : Custodian Room
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 211
Last Re-Assessment: 0000-00-00

Area (sqft): 300

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	5	EA	V9500	Presumed Mercury

Client: Halton District School Board
Location: #212 : Corridor
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 212
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		Ceiling Tiles (lay-in), 2x4 ceiling tile fissure width wise			C	Y		100			%	V0035	None Detected	N.D.	None	
Ceiling		Ceiling Tiles (lay-in), 2x4 ceiling tile fissure width wise			C	Y		100			%	V0040	None Detected	N.D.	None	
Ceiling		Plaster			C	Y						S0023C	None Detected	N.D.	None	
Duct		Not Insulated			C	N										
Floor		Laminate			A	Y		100			%					
Floor		Vinyl Floor Tile, 9" vinyl floor tile grey										V0026	[None]	[Abated]	[Abated]	
Mechanical Equipment		None Found														
Piping	All	Fibreglass		Canvas	C	N										
Piping	All	Not Insulated			C	N										
Structure	Not accessible															
Wall		Drywall and joint compound, Gypsum joint compound (1920 construction era)			A	Y		100			%	V0007	None Detected	N.D.	None	
Wall		Plaster, Wall plaster			A	Y		100			%	V0023	None Detected	N.D.	None	
Wall		Paint, Paint on block			A	Y						S0013B	None Detected	N.D.	None	

Phases A & B

Client: Halton District School Board
Location: #212 : Corridor
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 212
Last Re-Assessment: 0000-00-00

Area (sqft): 2000

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Plaster				L0002	Beige on plaster	Pb: 0.16 %	Lead (High)	
Wall	Plaster				V0006	Beige on plaster	Pb: 0.22 %	Lead (High)	

Phases A & B

Client: Halton District School Board
Location: #212 : Corridor
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 212
Last Re-Assessment: 0000-00-00

Area (sqft): 2000

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	3	EA	V9500	Presumed Mercury

Phases A & B

Client: Halton District School Board
Location: #213 : Corridor
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 213
Last Re-Assessment: 0000-00-00

Area (sqft): 300

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2x4 ceiling tile fissure width wise			C	Y		100			%	V0035	None Detected	N.D.	None	
Ceiling		Ceiling Tiles (lay-in), 2x4 ceiling tile fissure width wise			C	Y		100			%	V0040	None Detected	N.D.	None	
Ceiling		Drywall and joint compound, Gypsum joint compound (1920 construction era)			C	Y		100			%	V0007	None Detected	N.D.	None	
Ceiling		Texture Coat, Textured ceiling coat			D	N		100(7)			SF	V0034	Chrysotile	0.5-5%	Confirmed Asbestos	F
Duct		Not Insulated			C	N										
Floor		Laminate			A	Y		100			%					
Mechanical Equipment		None Found														
Piping	All	Fibreglass		Canvas	C	N										
Piping	All	Not Insulated			C	N										
Structure	Not accessible															
Wall		Drywall and joint compound, Gypsum joint compound (1920 construction era)			A	Y		100			%	V0007	None Detected	N.D.	None	
Wall		Plaster, Wall plaster			A	Y		100			%	V0023	None Detected	N.D.	None	

Client: Halton District School Board
Location: #213 : Corridor
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 213
Last Re-Assessment: 0000-00-00

Area (sqft): 300

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Plaster				V0006	Beige on plaster	Pb: 0.22 %	Lead (High)	

Client: Halton District School Board
Location: #213 : Corridor
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 213
Last Re-Assessment: 0000-00-00

Area (sqft): 300

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	4	EA	V9500	Presumed Mercury

Client: Halton District School Board
Location: #214 : Corridor
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 214-A
Last Re-Assessment: 0000-00-00

Area (sqft): 1500

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2x4 acoustic ceiling tile with pinholes, date stamped			C	Y		100			%	V0000	Non-Asbestos		None	
Ceiling		Drywall and joint compound			C	Y		100			%	V0000	Non-Asbestos		None	
Ceiling		Texture Coat, Textured ceiling coat			C	N		200(7)			SF	V0034	Chrysotile	0.5-5%	Confirmed Asbestos	F
Ceiling		Texture Coat, Textured ceiling coat			D	N		200(7)			SF	V0034	Chrysotile	0.5-5%	Confirmed Asbestos	F
Ceiling		Texture Coat			C	N						S0055B	Chrysotile	0.5-5%	Confirmed Asbestos	F
Duct		Not Insulated			C	N										
Floor		Vinyl Sheet Flooring, vinyl sheet flooring grey			A	Y		100			%	V0033	None Detected	N.D.	None	
Mechanical Equipment		None Found														
Piping		Fibreglass		Paper	C	N										
Piping		Not Insulated			C	N										
Structure	Not accessible															
Wall		Plaster, Wall plaster			A	Y		100			%	V0024	None Detected	N.D.	None	

Client: Halton District School Board
Location: #214 : Corridor
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 214-A
Last Re-Assessment: 0000-00-00

Area (sqft): 1500

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Plaster				L0006	Beige on plaster	Pb: 0.22 %	Lead (High)	
Wall	Plaster				V0006	Beige on plaster	Pb: 0.22 %	Lead (High)	

Client: Halton District School Board
Location: #214 : Corridor
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 214-A
Last Re-Assessment: 0000-00-00

Area (sqft): 1500

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	13	EA	V9500	Presumed Mercury

Client: Halton District School Board
Location: #220 : Corridor
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 220
Last Re-Assessment: 0000-00-00

Area (sqft): 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in), 2x4 ceiling tile fissure width wise			C	Y		100			%	V0040	None Detected	N.D.	None	
Ceiling		Plaster, Ceiling plaster			C	N		100			%	V0021	None Detected	N.D.	None	
Duct	Not accessible				C	N										
Floor		Vinyl Floor Tile and Mastic, 12x12 light brown, installed post-2000			A	Y		100			%	V0000	Non-Asbestos		None	
Mechanical Equipment		None Found														
Piping	All	Fibreglass		Paper	A	Y										
Piping	All	Not Insulated			A	Y										
Structure	Not accessible															
Wall		Plaster, Wall plaster			A	Y		100			%	V0019	None Detected	N.D.	None	

Client: Halton District School Board
Location: #220 : Corridor
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 220
Last Re-Assessment: 0000-00-00

Area (sqft): 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Plaster				L0005	Beige on plaster	Pb: 0.23 %	Lead (High)	
Wall	Plaster				V0006	Beige on plaster	Pb: 0.22 %	Lead (High)	

Client: Halton District School Board
Location: #220 : Corridor
Survey Date: 2024-05-30

Site: Elementary Schools
Floor: 2

Building Name: Lakeshore Public School
Room #: 220
Last Re-Assessment: 0000-00-00

Area (sqft): 200

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	2	EA	V9500	Presumed Mercury

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				

PART 1 GENERAL

1.1 General and Related Work

- .1 Read this Section in conjunction with all drawings and all other Sections so as to comply with the requirements of the General Conditions of the Contract.
- .2 Related work specified elsewhere:
 - .1 Section 02 82 00.02 Asbestos Abatement – Type 2 Procedures
 - .2 Section 02 83 10 Lead Abatement – Class 1 Procedures
 - .3 Section 02 84 16 Mercury Abatement
- .3 Site Conditions identifies all known hazardous building materials within the Project Area. The information provided is for general reference only. Each Contractor must confirm existing conditions on site prior to tender close.
 - .1 The specification fulfils the requirements of Section 30 of the Ontario Occupational Health and Safety Act.
 - .2 The specification fulfils the requirements of the Section 10 of Ontario Regulation 278/05.
- .4 The Outline of Work identifies the location and condition of hazardous building materials to be removed as part of this project.
 - .1 It is the intent that work prescribed this Section will result in the removal of all hazardous materials as outlined and the decontamination of all surfaces or materials which may have been or become contaminated by hazardous materials either during or prior to work of this Contract.

1.2 Site Conditions

- .1 Refer to the report entitled “Hazardous Building Materials Assessment (Pre-construction), Lakeshore PS – Lighting Retrofit Project, 2243 Lakeshore Road, Burlington, Ontario”, dated May 5, 2026, prepared by Pinchin Ltd., file number 368273.006.

1.3 Outline of Work

- .1 Coordinate the following items with the Owner’s Project Manager and the Construction Manager, including but not limited to electrical isolations, GFI connection, water connections, HVAC and exhaust ventilation system isolation, bin placement, schedule, disconnects, etc.
- .2 Refer to the Contract Drawings for the extent of construction work and the Work Areas.

- .3 Using Type 2 procedures prescribed in the Section identified in Related Work, perform the following work using power tools equipped with a HEPA filtered dust collection device in the Basement Rooms of the 1944 Era of construction where asbestos-containing paint/block filler is present. Site isolation is to include visual barrier comprised of rip-proof polyethylene sheeting, where necessary and where occupants are present.
 - .1 Remove all items scheduled for removal and/or relocation, including but not limited to; all electrical items, sensors, junction boxes, conduits, lighting, emergency lights etc. that are attached to block walls.
 - .2 Install all new items scheduled for installations, including but not limited to; all electrical items, sensors, junction boxes, conduits, lighting, emergency lights etc. that are attached to block walls.
 - .3 Drill new penetrations in walls and or attach new items to walls.
- .4 Using Type 2 procedures prescribed in the Section identified in Related Work, perform the following work using power tools equipped with a HEPA filtered dust collection device in the First and Second Floors of the 1951 Era of construction where asbestos-containing texture finish/coat is present. Site isolation is to include visual barrier comprised of rip-proof polyethylene sheeting, where necessary and where occupants are present.
 - .1 Remove all items scheduled for removal and/or relocation, including but not limited to; all electrical items, sensors, junction boxes, conduits, lighting, emergency lights, lighting supports etc. that are attached to ceilings with texture.
 - .2 Install all new items scheduled for installations, including but not limited to; all electrical items, sensors, junction boxes, conduits, lighting, emergency lights, lighting supports etc. that are attached to ceilings with texture.
 - .3 Drill new penetrations in walls and or attach new items to ceilings with texture.
- .5 Using Type 2 procedures prescribed in the Section identified in Related Work, repair damaged asbestos-containing pipe insulation if discover above ceilings (allow for 20 units).
- .6 Follow Mercury procedures prescribed in the Section identified in Related Work, when removing mercury light bulbs.
- .7 Follow Lead procedures prescribed in the Section identified in Related Work, when disturbing surfaces with lead paints and or removing lead batteries.
- .8 Follow silica procedures prescribed in the MOL Silica on Construction Projects Guidelines when disturbing silica-containing materials.
- .9 Refer to Specification Sections identified in the Related Work for specified personnel protective measures for the safe handling, removal, clean-up, enclosure, or repair of hazardous materials in each phase or work area.

- .10 Visit the site prior to tender close to confirm the location and extent of any hazardous building materials or materials contaminated by hazardous materials.
- .11 Protect surfaces, building fabrics and items remaining within the Abatement Work Area.
- .12 Without disturbing hazardous materials, perform removals where required, prior to abatement work.
 - .1 Maximize waste diversion by use of resale of building materials, or recycling.
- .13 Isolate the Abatement Work Area from adjoining Occupied and Non-Occupied Areas whether present at an interior or exterior location.
- .14 Maintain emergency and fire exits from Abatement Work Area, or establish alternative exits satisfactory to Provincial Fire Marshall and local authorities having jurisdiction. Maintain extra routes from occupied areas. Place emergency exit signs at locations to clearly mark exit route. Seal emergency exit doors so as not to impede use of door during emergency evacuation.
- .15 Remove, clean, store and replace at completion of work, non-operating mechanical and electrical equipment, ducts, building components, materials or items removed to accommodate asbestos removal.
- .16 Remove and dispose of as appropriate waste, building components, materials and items contaminated by hazardous materials that cannot be effectively cleaned.
- .17 Encapsulate remaining hazardous materials at locations where removal is deemed impractical by the Abatement Consultant.
- .18 Encapsulation will not be permitted where removal of building materials or structures scheduled for demolition will facilitate access to the asbestos materials in question.
- .19 Final clean work area to remove visible signs of asbestos-containing materials and other hazardous materials, other debris or settled dust.
- .20 Apply lock-down agent to exposed surfaces throughout the work area and to surfaces from which any hazardous materials have been removed.
 - .1 Do not apply lock-down to materials which would be damaged by its application.
- .21 Unless otherwise specified, the handling, removal, clean-up or repair of hazardous materials or surfaces contaminated with hazardous materials is to be performed following wet removal techniques.

1.4 Schedule

- .1 Provide necessary manpower, supervision, equipment and materials to maintain and complete the project on schedule.
- .2 Work Hours:

- .1 Coordinate all work, scheduling and phasing with the Owner.
- .2 Duration for which HVAC systems may remain shutdown to accommodate quiet hours work will vary in accordance with outside weather conditions and internal demand. Duration of quiet hours work will have to be scheduled accordingly and in consultation with the Abatement Consultant and Owner.
- .3 Provide 48 hours written notice to the Abatement Consultant of any request to work outside normal working hours. Obtain written approval before proceeding.

1.5 Definitions

- .1 Abatement Consultant: Owner's Representative providing inspection and air monitoring.
- .2 Abatement Contractor: Contractor or sub-contractor performing work of this section.
- .3 Abatement Work Area: Area where work takes place which will, or may, disturb hazardous materials.
- .4 Amended Water: Water with wetting agent added for the purpose of reducing surface tension to allow thorough wetting of materials.
- .5 Asbestos: Any of the fibrous silicates defined in Regulation 278/05 including: actinolite, amosite, anthophyllite, chrysotile, crocidolite and tremolite.
- .6 Asbestos-Containing Material (ACM): Material identified under Site Conditions including any debris, overspray, fallen material and settled dust.
- .7 Authorized Visitors: Building Owner, Abatement Consultant, or designated representative, and persons representing regulatory agencies.
- .8 Competent Worker: A worker who is qualified because of knowledge, training and experience to perform the work, is familiar with Regulation 278/05 and the Occupational Health and Safety Act and has knowledge of the potential or actual danger to health and safety in the work.
- .9 Contaminated Waste: Material identified under Site Conditions, including fallen material, settled dust, other debris and materials or equipment deemed to be contaminated by the Abatement Consultant.
- .10 Curtained Doorway: Doorway consisting of two (2) overlapping flaps of rip-proof polyethylene arranged to permit ingress and egress from one room to another while permitting minimal air movement between rooms.
- .11 DOP Test: A testing method used to determine the integrity of the Negative Pressure unit or vacuum. Refer to the Environmental Abatement Council of Canada (EACC) Performance Leak Testing Guideline for HEPA Filtered Equipment or ANSI/ASME N510-2007.
- .12 Fitting: Individual segments or pieces of a mechanical service line which may include but is not limited to the hangers, tees, elbows, joints, valves, unions, etc.

- .13 Friable Material: Material that when dry can be crumbled, pulverized or powdered by hand pressure and includes such material that is crumbled, pulverized or powdered.
- .14 HEPA: High Efficiency Particulate Aerosol filter that is at least 99.97 percent efficient in collecting a 0.3 micrometre aerosol.
- .15 Milestone Site Review: Inspection of the Abatement Work Area at a defined point in the abatement operation.
- .16 Negative Pressure: A reduced pressure within the Abatement Work Area (e.g., > 0.02 inches of water column) established by extracting air directly from Abatement Work Area and discharging it to exterior of building.
- .17 Non-Friable Material: Material that when dry cannot be crumbled, pulverized or powdered by hand pressure.
- .18 Occupied Area: Any area of the building or adjoining space outside the Abatement Work Area.
- .19 Personnel: All Contractor's employees, sub-contractor's employees, supervisors.
- .20 PCBs: Monochlorinated or Polychlorinated Biphenyls (or any mixture of both).
- .21 PCB Material: means solid material containing PCBs at a concentration of more than fifty milligrams per kilogram (mg/kg) or 50 parts per million (ppm), or liquid with greater than 2 mg/kg or ppm.
- .22 PCB Waste: PCB Equipment, PCB Material, PCB Liquids and materials or items contaminated with PCBs.
- .23 PCM: Phase Contrast Microscopy.
- .24 Remove: Remove means remove and dispose of (as applicable type of waste) unless followed by other instruction (e.g. remove and turn over to Owner).
- .25 Toxicity Characteristic Leachate Procedure (TCLP): Laboratory analysis to determine leachable parameters in lead waste.
- .26 TEM: Transmission Electron Microscopy.

1.6 Regulations and Guidelines

- .1 Comply with Federal, Provincial, and local requirements, provided that in any case of conflict among those requirements or with these Specifications, the more stringent requirements shall apply. Work shall be performed under regulations in effect at the time work is performed.
- .2 Where regulations are not present, follow accepted industry standards and applicable Guideline documents.
- .3 Regulations and Guidelines include but are not limited to the following:

- .1 Ministry of Labour Occupational Health and Safety Act Regulations for Construction Projects including Revised Statutes of Ontario 1990, Chapter 0.1 and Ontario Regulation 278/05.
- .2 Ministry of the Environment Regulation for the disposal of waste, including R.R.O. 1990, Reg. 347 as amended.
- .3 PCB Regulations, SOR 2008-273 and R.R.O. 1990, Reg 362.
- .4 Regulation 490/09 Designated Substances.
- .5 Environmental Abatement Council of Canada (EACC), Lead Guideline For Construction, Renovation, Maintenance or Repair, January 2025.
- .6 Ministry of Labour, Guideline, Silica on Construction Projects, 2011.

1.7 Quality Assurance

- .1 Removal and handling of hazardous materials is to be performed by persons trained in the methods, procedures and industry practices for Abatement.
- .2 Ensure work proceeds to schedule, meeting all requirements of this Specification.
- .3 Complete work so that at no time airborne dust, visible debris, or water runoff contaminate areas outside the Abatement Work Area.
- .4 Any contamination of surrounding area (indicated by visual inspection or air monitoring) shall necessitate the clean-up of affected area, and in the same manner applicable to an Abatement Work Area at no cost to the Owner.
- .5 All work involving electrical, mechanical, carpentry, glazing, etc., shall be performed by licensed persons experienced and qualified for the work required.

1.8 Supervision

- .1 Provide on site for each work shift, a Shift Superintendent(s), who has authority regarding all aspects related to manpower, equipment and production.
- .2 Supervisory personnel must hold a recognized certificate proving attendance at an asbestos removal training course (2-day minimum duration) and have performed supervisory functions on at least five (5) other asbestos abatement projects of comparable size and complexity.
- .3 At all times during work, the Shift Superintendent(s) must be on site. Failure to comply with this requirement will result in a stoppage of all work, at no cost to the Owner.
- .4 Replace supervisory personnel, with approved replacements, within three (3) working days of a written request from the Owner. Owner reserves the right to request replacement of supervisory personnel without explanation.
- .5 Do not replace supervisory personnel without written approval from the Owner.

1.9 Instruction and Training

- .1 Instruction and training must be provided by a competent person.
- .2 All workers completing Type 1, 2 or 3 asbestos abatement must be trained in compliance with Section 19 of O.Reg. 278/05.
 - .1 For Type 3 asbestos abatement, workers must be trained and certified per Section 20 of O.Reg. 278/05.

1.10 Notification

- .1 Before commencing work, notify orally and in writing, an inspector at the office of the Ontario Ministry of Labour nearest the project site, where required.
- .2 Inform all trades on site of the presence and location of hazardous materials identified in the Contract documents.
- .3 Notify the Owner or Owner's Representative, the Joint Occupational Health and Safety Committee and the Provincial Ministry of Labour, if suspected asbestos-containing materials not identified in the contract documents are discovered during the course of the work. Stop work in these areas immediately.
- .4 Notify Sanitary Landfill site as per O.Reg. 347/90 as amended.

1.11 Submittals

- .1 Submit prior to starting work:
 - .1 Provincial Workers' Compensation Board Clearance Certificate.
 - .2 Insurance certificates.
 - .3 Copy of Company Health and Safety Policy and applicable programs.
 - .4 Ministry of Labour Notice of Project and/or Notice of Asbestos Removal form.
 - .5 Copy of Certificate of Approval for disposal of hazardous materials waste and location of landfill.
 - .6 Pre-removal damage survey of the Abatement Work Area(s), waste transport routes, and bin storage areas
- .2 Submit the following information regarding personnel prior to starting work:
 - .1 Proof in the form of a certificate that supervisory personnel have attended a training course on asbestos removal or are certified as supervisors under the Ministry of Training, Colleges and Universities course 253S.
 - .2 Written statement that personnel have had instruction on hazards of exposure to hazardous materials identified within this scope, the use of respirator, protective

- clothing, worker and waste decontamination procedures, and all aspects of work procedures and protective measures.
- .3 WHMIS training certificates for all personnel.
 - .4 Certificate proving that each worker on site has been fit tested for the respirator appropriate for the work being performed.
- .3 Submit the following information regarding HEPA filtered devices prior to construction of enclosure or asbestos abatement:
- .1 Performance data on HEPA filtered vacuums including DOP tests no more than 3 months old.
 - .2 Performance data on negative air units including DOP tests which must be no more than 3 months old if the unit is vented outdoors or which must be performed on site immediately prior to initial usage and when HEPA filters are changed if the unit is vented indoors.
 - .3 DOP tests to be performed by an independent testing company.
 - .1 DOP testing company is required to submit a detailed technical report of testing protocol, including Introduction, Methodology, Results, Conclusions, and Recommendations, including results of the Air-Aerosol Mixing Uniformity test as per ASME N510-2007.
 - .2 DOP testing company must also provide calibration certificates from an independent calibration firm or from the manufacturer of the testing equipment for both the aerosol photometer and the pressure gauge on the aerosol generator dated within 1 calendar year from the on-site testing date.
 - .3 DOP testing company must also provide the National Sanitation Foundation (NSF) certification name and number of the on-site technician performing the testing.
 - .4 Proof of calibration of DOP testing equipment.
- .4 Submit the following prior to isolating the work area:
- .1 Safety Data Sheets for chemicals or material used in the course of the Abatement Project.
- .5 Submit the following upon completion of the work.
- .1 Manifests, waybills, bills of lading etc. as applicable for each type of waste.

1.12 Insurance

- .1 Maintain a Commercial General Liability Policy with an insurance company acceptable to Halton District School Board and the General Contractor. The intent of this policy is to hold Halton District School Board and the General Contractor harmless as it relates to claims for Bodily Injury or Property Damage or both, relating to the contract. Commercial General Liability insurance shall be provided on an “occurrence” basis to cover injury or damage (whether detected or not during the policy period) which happens during the policy period.
- .2 Maintain an Automobile or Fleet Policy, and Non-owned Automobile Policy with an insurance company acceptable to Halton District School Board and the General Contractor. The intent of these policies is to hold Halton District School Board and the General Contractor harmless as it relates to claims for Bodily Injury or Property Damage or both, relating to the contract.
- .3 Maintain a Pollution Liability Policy (or asbestos/lead liability policy or specific coverage under the CGL for asbestos/lead abatement) with an insurance company acceptable to Halton District School Board and the General Contractor. The intent of this policy is to hold Halton District School Board and the General Contractor harmless as it relates to claims for Bodily Injury or Property Damage or both, relating to the contract. Pollution Liability shall be provided on an “occurrence” basis to cover injury or damage (whether detected or not during the policy period) which happens during the policy period. Without limiting the generality of the foregoing, the policy shall insure the operations of abatement and shall not contain any environmental and/or health hazard exclusions relating to remediation operations.
- .4 Forward all certificates to Halton District School Board and the General Contractor before work is commenced, showing Halton District School Board and the General Contractor as additional insured as their interest may appear.
- .5 Halton District School Board and the General Contractor may request a certified true copy of the policies.
- .6 The limits will not be less than:
 - .1 Commercial General Liability \$5,000,000.00
 - .2 Automobile \$2,000,000.00
 - .3 Pollution Policy \$5,000,000.00

1.13 Site Reviews

- .1 From commencement of work until completion of clean-up operations, the Abatement Consultant is empowered by the Owner to review for compliance with the requirements of governing authorities, adherence to specified procedures and materials, and to review for final cleanliness and completion.
- .2 The Abatement Consultant is empowered by the Owner to order a shutdown of work when leakage of hazardous materials from the controlled work area has occurred or is likely to occur.

- .3 Any deviation from the requirements of the Specifications or governing authorities that is not approved in writing may result in a stoppage of work, at no cost to the Owner.
- .4 Additional labour or materials expended by the Contractor to rectify unsatisfactory conditions and to provide performance to the level specified shall be at no additional cost to the Owner.
- .5 Site Reviews and air monitoring performed as a result of Contractor's failure to perform satisfactorily regarding quality, safety, or schedule, shall be back charged to the Contractor.
- .6 Facilitate site reviews and provide access as necessary. Make good work disturbed by site reviews and testing at no cost to the Owner.
- .7 Refer to the Sections identified in Related Work for specified milestone site reviews which are to take place at defined points throughout the abatement operation specific to each phase or work area.
- .8 Provide 24 hours written notice to the Abatement Consultant of any request for scheduling of milestone site reviews or transportation of waste through Occupied Areas.
- .9 The following Milestone Site Reviews may take place, at the Owner's cost, as outlined in each related specification section:
 - .1 Milestone Site Review - Clean Site Preparation
 - .1 Review of preparations and set-up prior to contaminated work in the Abatement Work Area.
 - .2 Milestone Site Review – Bulk Removal
 - .1 Review during asbestos removal, monitoring removal methods, site deficiencies, performing occupied air monitoring, etc.
 - .3 Milestone Site Review - Visual Clearance
 - .1 Review of Abatement Work Area after completion of all abatement, but prior to application of lock-down agents or dismantling of enclosure.
- .10 Refer to the Sections identified in Related Work for specified Milestone Site Reviews which are to take place at defined points throughout the abatement operation specific to each phase or work area.
- .11 Do not proceed with next phase of work until written approval of each Milestone Site Review is received from the Abatement Consultant.

1.14 Air Monitoring - Asbestos

- .1 Air monitoring will be performed using Phase Contrast Microscopy (PCM) following the National Institute for Occupational Safety and Health Method 7400.

- .2 Co-operate in the collection of air samples, including providing workers to wear sample pumps for up to full-shift periods. Contractor will be responsible for the cost of testing equipment repairs or resampling resulting from the actions of the Contractor's forces.
- .3 Results of PCM samples at or exceeding 0.05 fibres per cubic centimeter of air (fibre/cc) or greater, outside an Abatement Work Area, will indicate asbestos contamination of these areas. Respond as follows:
 - .1 Suspend work within the adjoining Abatement Work Area until written authorization to resume work has been received from the Abatement Consultant.
 - .2 Isolate and clean area in the same manner applicable to the Abatement Work Area.
 - .3 Maintain work area isolation and repeat clean-up operations until visual review and air monitoring results are acceptable.
 - .4 At the discretion of the Abatement Consultant provide additional negative air units at locations specified in response to elevated fibre levels being detected in the Clean Change Room or Occupied Areas.
- .4 Results of PCM samples greater than 0.01 fibres per cubic centimeter of air (fibre/cc), collected within the Abatement Work Area enclosure after the site has passed a visual site review, and an acceptable coat of lock-down agent has been applied, will indicate asbestos contamination of these areas. Respond as follows:
 - .1 Maintain work area isolation and re-clean entire work area. Then apply another acceptable coat of lock-down agent to exposed surfaces throughout the work area.
 - .2 Repeat above measures until visually reviewed and air monitoring results are at a level equal to that specified.
 - .3 Alternate to items above, the Asbestos Abatement Contractor can pay for analysis of PCM samples by Transmission Electron Microscopy (TEM) at NVLAP accredited laboratory.
 - .1 Enclosure to remain sealed, with negative pressure maintained, and subject to required daily inspections until TEM results are received.
- .5 Additional labour or materials expended by the Contractor to rectify unsatisfactory conditions and to provide performance to the level specified shall be at no additional cost to the Owner.
- .6 Cost of additional site reviews and sampling performed as a result of elevated fibre levels in areas outside the Abatement Work Area or from within the work area following completion of work, will be back charged to the Contractor.

1.15 Worker Protection

- .1 Instruct workers before allowing entry to the Abatement Work Area. Instruction shall include training in use of respirators, dress, showering, entry and exiting from an Abatement Work Area, and all other aspects of work procedures and protective measures.
- .2 Workers shall not eat, drink, chew gum or tobacco, vape or smoke in the Abatement Work Area.
- .3 Workers shall be fully protected at all times when possibility of disturbance of hazardous materials exists.
- .4 Provide soap, towels and facilities for washing of hands and face, which shall be used by all personnel when leaving the Abatement Work Area.
- .5 Respiratory Protection
 - .1 Refer to each particular Section of the Specification for specified type of respiratory equipment specific to each phase or work area.
 - .2 Respirators shall be:
 - .1 Certified by the National Institute of Occupational Safety and Health (NIOSH) or other testing agency acceptable to the Ministry of Labour.
 - .2 Fitted so that there is an effective seal between the respirator and the worker's face. Ensure that no person required to enter an Abatement Work Area has facial hair which affects the seal between respirator and face.
 - .3 Assigned to a worker for their exclusive use.
 - .4 Maintained in accordance with manufacturer's specifications.
 - .5 Cleaned, disinfected and inspected by a competent person after use on each shift, or more often if required.
 - .6 Repaired or have damaged or deteriorated parts replaced.
 - .7 Stored in a clean and sanitary location.
 - .8 Provided with new filters as necessary, according to manufacturer's instructions.
 - .9 Worn by personnel who have been fit checked by qualitative or quantitative fit testing.
 - .10 Instruction on proper use of respirators must be provided by a competent person as defined by the Occupational Health and Safety Act.
 - .3 Provide protective clothing, to all personnel which:
 - .1 Is made of a material that does not readily retain nor permit penetration of asbestos fibres or lead/silica dust.
 - .2 Consists of head covering and full body covering that fits snugly at the ankles, wrists and neck.
 - .3 Once coveralls are worn, treat and dispose of as contaminated waste.
 - .4 Is replaced or repaired if torn or ripped.
 - .4 Use hard hats, safety footwear and other protective equipment and apparel required by applicable construction safety regulations.

1.16 Visitor Protection

- .1 Provide clean protective clothing and equipment to Authorized Visitors.
- .2 Instruct Authorized Visitors in the use of protective clothing and Abatement Work Area entry and exit procedures.
- .3 Authorized visitors are required to be fit tested on respirators, prior to entering Abatement Work Area.

1.17 Signage

- .1 Asbestos Abatement Signs: Post signs at access points to the Abatement Work Area, stating at minimum, the following:
 - .1 There is an asbestos dust hazard.
 - .2 Access to the work area is restricted to persons wearing protective clothing and equipment.
- .2 Lead Abatement Signs: Post signs at access points to the Abatement Work Area, stating at minimum, the following:
 - .1 There is a lead dust, fume or mist hazard.
 - .2 Access to the work area is restricted to authorized persons.
 - .3 Respirators must be worn in the work area.
- .3 Silica Warning Signs: Post signs at access points to the Abatement Work Area, stating at minimum, the following:
 - .1 There is a silica dust hazard.
 - .2 Access to the work area is restricted to authorized persons.
 - .3 Respirators must be worn in the work area.
- .4 Vehicles, Bins and Asbestos Waste Containers: Post signs on both sides of every vehicle used for the transportation of asbestos waste and on every asbestos waste container. Signs must display thereon in large, easily legible letters that contrast in colour with the background the word “CAUTION” in letters not less than ten centimetres in height and the words:
 - .1 CONTAINS ASBESTOS FIBRES
 - .2 Avoid Creating Dust and Spillage
 - .3 Asbestos May be Harmful To Your Health
 - .4 Wear Approved Protective Equipment.
- .5 Place placards in accordance with Transportation of Dangerous Goods Act.

1.18 Waste and Material Handling

- .1 Waste bins must be placed on grade.
- .2 All bins for hazardous materials must be covered and locked when waste transfer is not being performed.
- .3 Ensure redundant non-ACM, rubble, debris, etc. removed during contaminated work are treated, packaged, transported and disposed of as appropriate waste.
- .4 Clean, wash and apply Post Removal Sealant to metal waste prior to removal from Abatement Work Area. Recycle metals.
- .5 Clean, wash and apply Post Removal Sealant to non-porous materials prior to disposal as clean waste. Obtain prior written approval from the Abatement Consultant for each individual type of material.
- .6 Clean and wash equipment prior to removal from Abatement Work Area if removed prior to completion.
- .7 Place all equipment, tools and unused materials that cannot be cleaned in Abatement Waste Containers.
- .8 As work progresses, and at regular intervals, transport the sealed and labelled waste containers from the Abatement Work Area to waste bin.
- .9 Place items in bins according to waste classification. Place asbestos waste, metals, non-asbestos waste, etc. in separate bins.
- .10 Removal of waste containers and decontaminated tools and materials from the Abatement Work Area shall be performed as follows:
 - .1 Remove any visible contamination from the surface of non-porous or cleanable waste being removed from the Abatement Work Area. If the item can be cleaned, remove it from the site as clean waste.
 - .2 Place waste or item in Waste Container and seal closed.
 - .3 Wet wipe outside of Waste Container.
 - .4 Within Decontamination Facility, Transfer Room or at the perimeter of the Abatement Work Area, place in second Waste Container. Seal closed.
 - .5 Remove waste containers and transport to appropriate bin.
- .11 Transport waste and materials via the predetermined routes and exits. Arrange waste transfer route with Owner. Use a closed, covered cart to transport through Occupied Areas.

- .12 Provide workers transporting waste with means to access full personal protective equipment and all tools required to thoroughly clean up spilled material in the case of a rupture of a Waste Container.
- .13 Pick-up and drop off of garbage bin shall be at pre-approved times and must not interfere with the Owners operations.
- .14 Transport hazardous waste to landfill or waste transfer station licensed by the provincial Ministry of the Environment.
- .15 Cooperate with the provincial Ministry of the Environment inspectors and immediately carry out instructions for remedial work at dump to maintain environment, at no additional cost to the Owner.

1.19 Re-establishment of Objects and Systems

- .1 Re-establish objects and items relocated by the Contractor's workforce to facilitate work.
- .2 Re-establish electrical, communication, HVAC and other services previously disconnected or otherwise isolated to accommodate work by this Section.
- .3 Make good at completion of work, all damage not identified in pre-removal survey.

PART 2 PRODUCTS AND FACILITIES

2.1 Materials and Equipment

- .1 Refer to the Sections identified in Related Work for specified materials, equipment or facilities specific to each phase or work area.
- .2 Materials and equipment must be in good condition and free of debris and fibrous materials. Disposable items must be of new materials only.
- .3 Airless Sprayer: AC powered pressure washer that allows wetting agent to mix with water, uses no air or compressed air, and has a nozzle to regulate power and pressure.
- .4 Amended Water: Water with wetting agent added for purpose of reducing surface tension to allow thorough wetting of materials.
- .5 Asbestos Waste Container: A container acceptable to disposal site, Ministry of the Environment, and Ministry of Labour, comprised of the following:
 - .1 Dust tight.
 - .2 Suitable for the type of waste.
 - .3 Impervious to asbestos.
 - .4 Identified as asbestos waste.

- .6 Discharge Ducting: Polyethylene Tubing. Reinforced with wire. Diameter to equal negative pressure machine discharge. Not to be longer than required, or so long that negative pressure is compromised.
- .7 Ground Fault Panel: Electrical panel as follows:
 - .1 Ground fault circuit interrupters of sufficient capacity to power temporary electrical equipment and lights in Asbestos Work Area.
 - .2 Interrupters to have a 5-mA ground fault protection.
 - .3 Necessary accessories including main switch disconnect, ground fault interrupter lights, test switch to ensure unit is working, and reset switch.
 - .4 Openings sealed to prevent moisture or dust penetration.
 - .5 Inspected by the Electrical Safety Authority.
 - .6 Panel uses CSA approved parts and been constructed, inspected and installed by a licensed electrician.
 - .7 Provide one Ground Fault Panel for each 5,000 square feet (500 square metres) of Abatement Work Area.
- .8 HEPA Filtered Negative Pressure Machine: Portable air handling system which extracts air directly from the Abatement Work Area and discharges the air to the exterior of the building. Equipped as follows:
 - .1 Prefilter and HEPA filter. Air must pass HEPA filter before discharge.
 - .2 Pressure differential gauge to monitor filter loading.
 - .3 Auto shut off and warning system for HEPA filter failure.
 - .4 Separate hold down clamps to retain HEPA filter in place during change of prefilter.
- .9 HEPA Vacuum: Vacuum with necessary fittings, tools and attachments. Discharged air must pass through a HEPA filter.
- .10 Hose: Leak-proof, minimum bursting strength of 500 PSI or greater if required, abrasion resistant covering, reinforcing, and machined-brass couplings. Maintained and tested. Hose to be temperature resistant if it is to carry domestic hot water.
- .11 Polyethylene Sheeting: 6 mil (0.15 mm) minimum thickness unless otherwise specified, in sheet size to minimize joints.: 6 mil (0.15 mm) minimum thickness unless otherwise specified, in sheet size to minimize joints.

- .12 Post Removal Sealant (or Lockdown): Sealant that when applied to surfaces serves the function of trapping residual asbestos fibres or other dust. Product must have flame spread and smoke development ratings both less than 50. Product shall leave no stain when dry. Post Removal Sealant shall be compatible with replacement insulation or fireproofing where required and capable of withstanding service temperature of substrate. Apply to manufacturer's instructions.
- .13 Protective Clothing: Disposable coveralls complete with head covering and full body covering that fits snugly at the ankles, wrists and neck.
- .14 Rip-Proof Polyethylene Sheeting: 8 mil (0.20 mm) fabric made up from 5 mil (0.13 mm) weave and two (2) layers of 1.5 mil (0.05 mm) poly laminate or approved equal. In sheet size to minimize on-site seams and overlaps.
- .15 Sprayer: Garden type portable manual sprayer or water hose with spray attachment if suitable.
- .16 Tape: Duct tape or tape suitable for sealing polyethylene to surfaces under both dry and wet conditions in the presence of Amended Water.
- .17 Wetting Agent: Non-sudsing surfactant added to water to reduce surface tension and increase wetting ability.

PART 3 EXECUTION

- .1 Refer to the Sections identified in Related Work for specified procedures for work area preparation, maintenance, site dismantlement, application of lock-down agent and all other procedures for the safe handling, removal and clean-up of hazardous materials specific to each phase or work area.

END OF SECTION

PART 1 GENERAL

1.1 General and Related Work

- .1 Read this Section in conjunction with all drawings and all other Sections so as to comply with the requirements of the General Conditions of the Contract.
- .2 Requirements specified elsewhere:
 - .1 Section 02 81 00 Hazardous Materials – General Provisions

1.2 Outline of Work

- .1 Refer to Section 02 81 00 Hazardous Materials – General Provisions for the Outline of Work.
- .2 The intent of this Section is to provide safe work practices and procedures to govern the handling, removal, clean-up and disposal of asbestos-containing materials following Type 2 or Moderate Risk procedures, and Pinchin and Owner specific requirements.
- .3 Unless work is performed under a higher classification Abatement Work Area, the following work can be performed under this Section:
 - .1 The removal or disturbance of one square metre or less of friable asbestos-containing material.
 - .2 Breaking, cutting, drilling, abrading, grinding, sanding or vibrating non-friable asbestos-containing material if, the material is not wetted to control the spread of dust or fibres, and the work is done only by means of non-powered hand-held tools.
 - .3 Breaking, cutting, drilling, abrading, grinding, sanding or vibrating non-friable asbestos-containing material if the work is done by means of power tools that are attached to dust-collecting devices equipped with HEPA filters.
 - .4 Any operation that, is not clearly defined in Sections 02 82 00.02 or 02 82 00.03.

1.3 Personal Protection

- .1 Protect all personnel at all times when possibility of disturbance of ACM exists.
- .2 Provide the following minimum respiratory protection to all personnel:
 - .1 Full face respirators with P100 high efficiency (HEPA) cartridge filters, for:
 - .1 Removal of all or part of a ceiling if asbestos is likely lying on the surface.
 - .2 Use of a HEPA filtered power tool on non-friable ACM if the material is not wetted.
 - .2 Non-powered half-face respirators with P100 high efficiency (HEPA) cartridge filters.
- .3 Provide protective clothing, to all personnel entering the Abatement Work Area.
- .4 Wear hard hats, safety shoes and other personal protective equipment required by applicable construction safety regulations.

1.4 Site Reviews

- .1 Refer to Section 02 81 00 Hazardous Materials – General Provisions.
- .2 The following Milestone Site Reviews are to be scheduled:

- .1 Milestone Site Review - Clean Site Preparation
- .2 Milestone Site Review – Bulk Removal
- .3 Milestone Site Review - Visual Clearance

PART 2 PRODUCTS AND FACILITIES

- .1 Refer to Section 02 81 00 Hazardous Materials – General Provisions.

2.2 Hoarding Walls

- .1 Type A Hoarding Wall: One layer of rip-proof polyethylene sheeting installed floor to ceiling, secured with telescopic poles, clips, or other suitable methods.
- .2 Windows: Install sufficient transparent windows area in hoarding walls to allow observation of entire work area from outside the enclosure where existing solid walls do not make up the perimeter.

2.3 Transfer Room

- .1 Transfer Room to be generally 2000 mm x 2000 mm x 2200 mm high. Increase size accordingly to accommodate number of workers.
- .2 Install walls as follows:
 - .1 Install 38 x 89 mm wood framing at 610 mm o/c with continuous top and sill plates.
 - .2 Install one layer rip-proof polyethylene sheeting on interior walls of Transfer Room.
- .3 Install one layer of rip-proof polyethylene sheeting over two layers of 6 mil polyethylene sheeting beneath entire Transfer Room.
- .4 Install one layer rip-proof polyethylene sheeting over roof.
- .5 Turn 600 mm of polyethylene down the sides over polyethylene on the perimeter walls.
- .6 Install a fire extinguisher, mount to wall.

2.4 Curtained Doorways

- .1 Construct as follows:
 - .1 Install two flap doors, full width and height of door opening at all doors to Abatement Work Area and both ends of Transfer Room.
 - .2 Construct each flap door of two layers of polyethylene sheeting with all edges reinforced with tape. Use wood strapping to securely fasten flap doors to head and alternate jambs.
 - .3 Install weights attached to bottom edge of each door flap.
 - .4 Provide direction arrows on flaps to indicate opening.

PART 3 EXECUTION

3.1 Site Preparation - General

- .1 Remove stored or non-fixed items from the Abatement Work Area including but not limited to equipment, furniture, waste etc. Store in area provided by Owner.
- .2 Moving of equipment, tools, supplies, and stored materials that can be performed without disturbing ACM will be performed by others.
- .3 Remove visible dust and friable material from all surfaces in the work area including

- those to be worked on, using HEPA Vacuums or wet wiping.
- .4 Isolate, at panel, and disconnect existing power supply to Abatement Work Area. Power supply to remaining areas of building must not be disrupted during work of this section.
 - .1 Lock-out/tag-out power at electrical panels.
 - .2 Mark/tag any items within or passing through the Abatement Work Area that are to remain live including but not limited to cable, conduit, wire, fixtures, equipment panels, etc.
 - .5 Provide power from ground fault interrupt circuits.
 - .6 Shut down HVAC systems serving the Abatement Work Area.
 - .1 Install polyethylene sheeting over openings in ducts and diffusers and seal.
 - .2 HVAC to remaining areas of building must not be disrupted during work of this section.
 - .3 System shall remain inoperative until completion of work, unless ducts can be effectively capped.
 - .4 Perform work at scheduled times after shutting down HVAC systems affecting the Abatement Work Area.
 - .7 Provide amended water for wetting ACM, and adequate method of wetting (garden sprayers, airless sprayers, etc.).

3.2 **Site Preparation –Enclosure Required**

- .1 Install polyethylene enclosure complete with Windows at Abatement Work Areas.
- .2 Install Transfer Room where duration of work is to last longer than one 8-hour shift.
- .3 Seal openings in floor using tape, caulking, polyethylene, etc. Floor openings are to be sealed independently prior to installation of floor polyethylene.
- .4 Install polyethylene sheeting on floors of Abatement Work Area. Use sufficient layers to provide adequate protection for carpeting and equipment.
 - .1 Minimum requirement over carpet is one layer of 6 mil polyethylene under one layer of rip-proof polyethylene.
 - .2 Cover floors first so that polyethylene on walls is overlapped by at least 305 mm.
- .5 Construct Hoarding Walls between Abatement Work Area perimeter and occupied areas, as required.
- .6 Install polyethylene sheeting at openings in walls (as required) and seal.
- .7 Install 6 mil polyethylene sheeting on walls within the Abatement Work Area., including existing walls that make up, or are within, the Abatement Work Area.
- .8 Provide a completely sealed polyethylene top for free standing enclosures.
- .9 Extend to underside of ceiling system, enclosures for access into ceilings. Enclosure may be supported from the ceiling system if ceiling can support the polyethylene.
- .10 Install Curtained Doorways.
- .11 Install one layer of 6 mil polyethylene sheeting so as to protect all equipment and finishes in the Abatement Work Area that may be damaged.
- .12 Install temporary lighting in enclosure to a level that will provide for safe and efficient use of work area - minimum 550 LUX.

- .13 Establish negative pressure in Abatement Work Areas as follows:
 - .1 Provide sufficient HEPA filtered negative pressure machines to exchange a volume of air equivalent to that of the Abatement Work Area a minimum of every 20 minutes.
 - .2 Provide additional HEPA filtered negative pressure machines as required to ensure air flow from Occupied Area into Abatement Work Area.
 - .3 Arrange negative air units to maximize the distance between units and decontamination facilities.
 - .4 Provide weighted flaps in perimeter Hoarding Walls as necessary to provide make-up air.
 - .5 Operate HEPA filtered negative pressure machines continuously from first disturbance of ACM until completion of dismantling.
 - .6 Replace prefilters to maintain specified flow rate.
 - .7 Replace HEPA filter as required to maintain flow rate and integrity of unit.
 - .8 Discharge HEPA filtered negative air machines as follows:
 - .9 To building exterior.
 - .1 Remove existing glazing where necessary and replace with a 19 mm plywood panel.
 - .2 Install panel securely in window frame so that it cannot be pushed into the building and make weather-tight with caulking.
 - .3 For each negative pressure unit, provide a 300 mm diameter, screened, duct opening through panel.
 - .4 Direct discharge away from building access points.
 - .5 Reinstall glazing to match existing upon completion of work.
 - .10 Into Occupied Areas as required.
 - .1 Install and make airtight all negative air discharge ducting.
 - .2 Use metal reinforced polyethylene discharge ducting in locations where the ducting must be protected from damage or collapse.
- .14 Establish negative pressure in Abatement Work Areas as follows:
 - .1 Use HEPA Vacuum.
 - .2 Insert vacuum hose into enclosure, leave HEPA vacuum outside enclosure. Provide enough hose to reach all areas of enclosure.
 - .3 Operate HEPA vacuum continuously at all times when ACM may be disturbed.
- .15 Place required tools to complete the abatement within the Abatement Work Area.
- .16 Install Signage in clearly visible locations and in sufficient numbers to adequately warn of an asbestos dust hazard.

3.3 Site Preparation – No Enclosure Required

- .1 Install caution tape around work area where existing walls are not present.
- .2 Cover walls, floors, finishes, millwork, equipment and furnishings remaining in the Abatement Work Area with polyethylene sheeting before disturbing ACM to control the spread of dust.
- .3 Install one layer of 6 mil polyethylene sheeting so as to protect all equipment and finishes in the Abatement Work Area that may be damaged.

- .4 Install Signage in clearly visible locations and in sufficient numbers to adequately warn of an asbestos dust hazard.
- .5 Install temporary lighting in enclosure to a level that will provide for safe and efficient use of work area - minimum 550 LUX.
- .6 Place HEPA vacuum in Abatement Work Area.
- .7 Place required tools to complete the abatement with the Abatement Work Area.

3.4 Maintenance of Abatement Work Area

- .1 Inspect polyethylene sheeting and ensure it is effectively sealed and taped. Repair damage and remedy defects immediately.
- .2 Inspect electrical panels and ensure locks and tags are on panels prior to entering the Abatement Work Area.
- .3 Inspect HEPA filtered negative pressure machines including discharge ducting at the beginning and end of each working period. Site Review must be performed by competent person.
- .4 Maintain Abatement Work Area in tidy condition.
- .5 Remove standing water on polyethylene/floor at the end of every shift.
- .6 Turn off water supply to any hoses and reduce pressure in hose, prior to leaving the Abatement Work Area at end of shift.

3.5 Asbestos Removal - General

- .1 Do not use compressed air to clean or remove dust or debris.
- .2 Frequently and at regular intervals during the work, clean up dust and waste using HEPA vacuums and/or wet sweeping or mopping.
- .3 Frequently and at regular intervals, place all waste in asbestos waste containers.
- .4 Immediately upon completion of work, clean area with HEPA vacuum and/or wet sweeping or mopping.

3.6 Asbestos Disturbance - Removal/Installation of Items Affixed to Block Walls with Asbestos-Containing Paint/Block Filler, to Asbestos-Containing Texture using HEPA Filtered Power Tools

- .1 Use the procedures described above under *Site Preparation – No Enclosure Required*.
- .2 Site isolation to include a visual barrier comprised of rip-proof polyethylene sheeting, where necessary and where occupants are present.
- .3 Wet all material to be disturbed.
- .4 Use only power tools with an effective HEPA dust collection device.
- .5 Turn on HEPA dust collection device attached to power tool. HEPA device to remain operational throughout work.
- .6 Remove/install all items affixed to ACM as required.
- .7 Place ACM waste directly into an asbestos waste container.
- .8 Wet clean or HEPA vacuum the entire Abatement Work Area, including surfaces not covered with polyethylene sheeting. Any materials or equipment removed to access ACM that are to be reused, must be wet cleaned or vacuumed prior to reinstatement.

3.7 Application of Post Removal Sealant

- .1 Apply one coat of Post Removal Sealant with an airless sprayer, in accordance with Manufacturer’s Instructions, to cover all surfaces on all items in the Abatement Work Area, including but not limited to polyethylene, ACM substrate, structural steel, and surfaces scheduled for demolition.
- .2 Do not apply post removal sealant to materials that will be damaged by its application.

3.8 Abatement Cleaning

- .1 Wash or HEPA vacuum equipment and tools used in contaminated Abatement Work Area to remove all asbestos contamination, or place in Asbestos Waste Containers prior to being removed from Abatement Work Area.
- .2 Place tools and equipment used in contaminated work site but not cleaned in polyethylene bags prior to removal from Abatement Work Area.
- .3 Clean polyethylene sheeting and drop sheets which with HEPA vacuum or wet cleaning methods at completion of work.

3.9 Abatement Work Area Dismantling

- .1 Carefully roll polyethylene sheeting and drop sheets toward the centre of enclosure. As polyethylene is rolled away, immediately remove visible debris beneath with a HEPA vacuum.
- .2 Remove remaining polyethylene sheeting and tape, and dispose of as asbestos waste.
- .3 Remove remaining site isolation, seals, tape, etc.
- .4 Remove Transfer Room.
- .5 Remove seals, tape, Signage etc.
- .6 Immediately upon shutting down negative air units, seal air inlet grill and exhaust vent with polyethylene and tape.
- .7 Seal openings in HEPA vacuums.
- .8 Remove and dispose of the pre-filters from HEPA filtered negative pressure machines as asbestos waste.
- .9 Remove HEPA filtered negative pressure machines and discharge ducting or HEPA vacuums.
- .10 Remove temporary lights.
- .11 Place contaminated materials including polyethylene sheeting, drop sheets, seals, tape, disposable coveralls, and other contaminated waste in asbestos waste containers.

3.10 Waste and Material Handling

- .1 Refer to Section 02 81 00 Hazardous Materials – General Provisions.

3.11 Re-Establishment of Items

- .1 Upon completion of work:
 - .1 Move items that were removed from Abatement Work Area prior to work, back into same location within Abatement Work Area.
 - .2 Remove and disconnect Ground fault Panel, tags and locks from electrical panels and re-energize equipment and items.

- .3 Remove negative air discharge panel and reinstall glazing to match existing.
- .4 Clean, mop and vacuum Abatement Work Area and area beneath Decontamination Facilities.
- .5 Enable building air handling systems.

END OF SECTION

PART 1 GENERAL

- .1 Read this Section in conjunction with all drawings and all other Sections so as to comply with the requirements of the General Conditions of the Contract.
- .2 Requirements specified elsewhere:
 - .1 Section 02 81 00 Hazardous Materials – General Provisions

1.2 Outline of Work

- .1 Refer to Section 02 81 00 Hazardous Materials – General Provisions for the Outline of Work.
- .2 The intent of this Section is to provide safe work practices and procedures to govern the handling, removal, clean-up and disposal of lead-containing materials following Class 1 or Low Risk procedures, and Pinchin and Owner specific requirements.
- .3 Comply with requirements of this Section when performing following Work:
 - .1 Removal of lead-containing surface coatings with a chemical gel, stripper or paste.
 - .2 Removal of materials coating with lead-containing surface coatings, using non-powered hand tools, where the materials remain primarily intact, and are not crumbled, pulverized or powdered.
 - .3 Operating construction equipment (i.e., excavator, bulldozer) during building demolition or renovation where lead-containing surface coatings are present.
 - .4 Installation or removal of lead sheeting, flashings, packing, babbits, caulking, gaskets, batteries in emergency lighting, electrical components, solder or similar.
 - .5 Application of lead-containing surface coatings with a brush, roller or sponge.

1.3 Instruction and Training

- .1 Provide instruction and training to all workers including the following:
 - .1 Hazards of lead.
 - .2 Use, care and disposal of protective equipment (including but not limited to respirators and filters) and clothing that would be used and worn during abatement work, including:
 - .1 Limitations of equipment.
 - .2 Inspection and maintenance of equipment.
 - .3 Proper fitting of equipment.
 - .4 Disinfecting and cleaning of equipment.
 - .3 Personal hygiene to be observed when performing the work.
 - .4 The measures and procedures prescribed by this section including decontamination of the worker.
 - .5 Instruction and training must be provided by a competent person.

1.4 Personal Protection

- .1 Provide non-powered half-face respirators with P100 high efficiency cartridge filters when requested by personnel.

- .2 Provide protective clothing, when requested by personnel, entering the Abatement Work Area, including:
 - .1 Disposable protective clothing that does not readily retain or permit skin contamination, consisting of full body covering including head covering with snug fitting cuffs at wrists, ankles, and neck.
- .3 Provide protective clothing, to all personnel entering the Abatement Work Area, including:
 - .1 Dust impermeable gloves appropriate for the work being completed.
- .4 Wear hard hats, safety shoes and other personal protective equipment required by applicable construction safety regulations.
- .5 Lead-specific soaps and hygiene indicators are recommended to be provided for hand-wash stations.

1.5 Inspections

- .1 Refer to Section 02 81 00 – General Provisions.
- .2 The following Milestone Inspections are to be scheduled:
 - .1 Milestone Inspection - Clean Site Preparation
 - .2 Milestone Inspection – Bulk Removal Inspection
 - .3 Milestone Inspection - Visual Clearance

PART 2 PRODUCTS AND FACILITIES

- .1 Refer to Section 02 81 00.

2.2 Hoarding Walls

- .1 Type A Hoarding Wall: One layer of rip-proof polyethylene sheeting installed floor to ceiling, secured with telescopic poles, clips, or other suitable methods.
- .2 Windows: Install sufficient transparent windows area in hoarding walls to allow observation of entire work area from outside the enclosure where existing solid walls do not make up the perimeter.

2.3 Curtained Doorways

- .1 Construct as follows:
 - .1 Install two flap doors, full width and height of door opening at all doors to Abatement Work Area and both ends of Transfer Room.
 - .2 Construct each flap door of two layers of polyethylene sheeting with all edges reinforced with tape. Use wood strapping to securely fasten flap doors to head and alternate jambs.
 - .3 Install weights attached to bottom edge of each door flap.
 - .4 Provide direction arrows on flaps to indicate opening.

PART 3 EXECUTION

3.1 Site Preparation - General

- .1 Provide washing facilities consisting of a wash basin, clean water, soap and towels.

- .1 Workers are to use washing facilities each time leaving the Abatement Work Area.
- .2 Stored or non-fixed items, including but not limited to equipment, furniture, waste etc., shall be removed from the Abatement Work Area prior to abatement work.
- .3 Isolate, at panel, and disconnect existing power supply to Abatement Work Area. Power supply to remaining areas of building must not be disrupted during work of this section.
 - .1 Lock-out/tag-out power at electrical panels.
 - .2 Mark/tag any items within or passing through the Abatement Work Area that are to remain live including but not limited to cable, conduit, wire, fixtures, equipment panels, etc.
- .4 Shut down HVAC systems serving the Abatement Work Area.
 - .1 Install polyethylene sheeting over openings in ducts and diffusers and seal.
 - .2 HVAC to remaining areas of building must not be disrupted during work of this section.
 - .3 System shall remain inoperative until completion of work, unless ducts can be effectively capped.
 - .4 Perform work at scheduled times after shutting down HVAC systems affecting the Abatement Work Area.
- .5 Remove visible dust from all surfaces in the work area including those to be worked on, using HEPA Vacuums or wet wiping.
- .6 Provide amended water for wetting materials, and adequate method of wetting (garden sprayers, airless sprayers, etc.).
- .7 Provide electrical power and shut off for operation of powered tools and equipment. Provide ground fault interrupter circuits on power source for electrical tools, in accordance with applicable CSA Standard.
 - .1 Ensure safe installation of electrical lines and equipment.
- .8 Do not use compressed air to clean or remove dust or debris.
- .9 Frequently and at regular intervals during the work, clean up dust and waste using HEPA vacuums and/or wet sweeping or mopping.
- .10 Frequently and at regular intervals, place all waste in waste containers.
- .11 Immediately upon completion of work, clean area with HEPA vacuum and/or wet sweeping or mopping.

3.2 Site Preparation – No Enclosure Required

- .1 Isolate Abatement Work Area with barrier tape.
- .2 Protect floor surfaces covered from wall to wall with polyethylene sheets.
- .3 Maintain Abatement Work Area in tidy condition.
- .4 Remove waste and debris frequently.
- .5 Remove standing water on polyethylene/floor at the end of every shift.

- .6 Turn off water supply to hoses and reduce pressure in hose, prior to leaving the Abatement Work Area at end of shift.

3.3 Lead-Containing Paint Abatement

- .1 Removal methods minimizing dust generation should be used wherever possible.
 - .1 Wet methods are to be used to reduce dust generation.
 - .2 Wetting agents should be used where possible.
 - .3 Wet methods are not to be used if it creates a hazard or cause damage to equipment or to project.
- .2 Provide drop sheets below all lead operations that may produce dust, chips or debris containing lead.
- .3 Waste water from cleaning or removal operations must be contained, for treatment or disposal.
- .4 Remove lead-containing paint in small sections and pack as it is being removed in sealable lead waste containers.
- .5 Follow manufacturer’s instructions for all use of chemical gels, strippers and pastes.
 - .1 Ensure agent neutralizers, where required, are applied.
 - .2 Do not use chemical gels, strippers or pastes on surfaces where they are scheduled to be repainted, and the material affect the new paint application.
- .6 After completion of stripping work, wire brush and wet sponge surface from which lead based paint has been removed to remove visible material. During this work keep surfaces wet.
- .7 After wire brushing and wet sponging to remove visible lead-containing paint, wet clean entire work area, and equipment used in process.
 - .1 Compressed air or dry sweeping not be used to clean up lead-containing dust or waste.
 - .2 Ensure all waste is cleaned and packaged.
- .8 Seal filled containers. Clean external surfaces thoroughly by wet sponging. Remove from immediate working area to staging area. Clean external surfaces thoroughly again by wet sponging. Wash containers thoroughly pending removal to outside.

3.4 Bulk Lead Removal

- .1 Lead-containing batteries should be removed, and recycled in appropriate programs.
- .2 Cast-iron pipes with bell and spigot joints should be removed with joint intact, and metal pipe recycled.

3.5 Waste Management and Disposal

- .1 Per Section 02 81 00.

3.6 Final Cleaning

- .1 Remove polyethylene sheet by rolling it away from walls to centre of work area. Vacuum visible lead containing particles observed during cleanup, immediately, using HEPA vacuum.
- .2 Place polyethylene sheets, tape, cleaning material, clothing, and contaminated waste in plastic bags and sealed labelled waste containers for transport.
- .3 Conduct final check to ensure no dust or debris remains on surfaces as result of dismantling operations.

END OF SECTION

[https://pinchin-my.sharepoint.com/personal/dpalus_pinchin_com/Documents/368273.006 02 83 10 Class 1 Precautions HDSB.docx](https://pinchin-my.sharepoint.com/personal/dpalus_pinchin_com/Documents/368273.006%2002%2083%2010%20Class%201%20Precautions%20HDSB.docx)

PART 1 GENERAL

1.1 General and Related Work

- .1 Read this Section in conjunction with all drawings and all other Sections so as to comply with the requirements of the General Conditions of the Contract.
- .2 Requirements specified elsewhere:
 - .1 Section 02 81 00 Hazardous Materials – General Provisions

1.2 Outline of Work

- .1 Unless otherwise shown or specified it is the intent that work performed as per this section will result in the identification, removal, preparation for disposal, transportation, and disposal of mercury-containing fluorescent and mercury vapour lamps, HVAC control systems, manometers, switches and thermostats.

1.3 Quality Assurance

- .1 Use qualified contractors to isolate mechanical/electrical services prior to the removal of lamps or other mercury-containing equipment.
- .2 Ensure the removal and handling of mercury-containing equipment is performed by persons experienced in the methods, procedures and industry practices.
- .3 Complete work so that at no time does mercury contaminate the building or environment.

1.4 Instruction and Training

- .1 Instruction and training must be provided to all workers and supervisors. Instruction and training includes the following:
 - .1 Hazards of mercury.
 - .2 Use, care and disposal of protective equipment (including but not limited to respirators and filters) and clothing that may be used during work, including training on:
 - .1 Limitations of equipment.
 - .2 Inspection and maintenance of equipment.
 - .3 Proper fitting of equipment.
 - .4 Disinfecting and cleaning of equipment.
 - .3 Personal hygiene to be observed when performing the work.
 - .4 The measures and procedures prescribed by this section.
- .2 Instruction and training must be provided by a competent, qualified person.

1.5 Personal Protection

- .1 During removal of equipment containing mercury, personnel are to wear personal protective equipment appropriate to the work being performed.

- .2 The following personal protection is to be available on site in the event of a spill or leak:
 - .1 Non-powered half-face respirators with combined P100 and mercury cartridge.
 - .2 Protective clothing.
 - .3 Rubber, nitrile or latex gloves.

PART 2 PRODUCTS

2.1 Materials

- .1 Containment Drums: new metal pails or steel drums with removable steel lid. Drums shall be newly painted inside and out with bright white rust-resistant enamel.
- .2 Drum liners: clear polyethylene bag, 0.15mm thick.
- .3 Label: Mercury warning labels.
- .4 Lamp Storage Container: Cardboard box that lamps were originally packaged within, or plastic or cardboard totes for recycling lamps. Intent is to package lamps so that they are not broken during shipping. Container to be designed for lamps of that size.
- .5 Mercury Sponge: A plated metal-wool pad for the pick-up of mercury spills.
- .6 Mercury Vacuum: Nilfisk VT Mercury Vacuum or equal. Vacuum used to collect liquid mercury and granular mercury compounds with an internal HEPA filter and an activated carbon adsorbent filter to purify exhaust air of mercury vapours.
- .7 Neutralizing Agent: Mercon X or similar. Mercury neutralizing solution such as 20% calcium polysulfide or sodium thiosulphate.
- .8 TSP: Tri Sodium Phosphate, or other strong cleaner

PART 3 EXECUTION

3.1 Equipment Removal

- .1 Prior to removing any fixtures or equipment, ensure associated services is isolated and de-energized.
- .2 Locate and remove the following materials designated to be disposed of:
 - .1 Fluorescent and mercury vapour lamps
 - .2 HVAC control systems, manometers, switches
 - .3 Thermostats
 - .4
- .3 Place all mercury-containing equipment into containers to prevent breakage.
- .4 Provide an accurate inventory of the contents of each container including number of light tubes and lamps and an estimate of the total weight of the container in kilograms.

3.2 Packaging

- .1 Do not contaminate building surfaces mercury.
- .2 Notify Owner's Representative of any spills immediately.
 - .1 Any spills of mercury are to be cleaned to the satisfaction of the Owner's Representative at the contractor's cost. This includes removal and replacement of building materials as required.
- .3 Install polyethylene drop sheets in packaging area to protect surfaces and finishes.
- .4 Package lamps in lamp storage containers. Do not break lamps.
- .5 Package mercury-containing equipment as follows:
 - .1 Place polyethylene liner in metal drum or pail.
 - .2 Carefully place mercury-containing equipment in pails, to prevent breakage.
 - .3 When full, or all items placed in container, seal liner bag with duct tape, seal lid, and place appropriate label on outside of container.

3.3 Emergency Response for Spills

- .1 For small spills:
 - .1 Evacuate area. Only personnel using the specified personal protective equipment are to be in spill area.
 - .2 Open windows or provide ventilation to area.
 - .3 Clean mercury and broken glass with mercury vacuum.
 - .4 Clean horizontal surfaces impacted by spill with TSP or approved alternative cleaner.
- .2 For large mercury spills:
 - .1 Evacuate area. Only personnel using the specified personal protective equipment are to be in spill area.
 - .2 Contact Owner's Representative immediately.
 - .3 Open windows or provide ventilation to area.
 - .4 Deactivate heat systems if they are adjacent and may aid in vaporization of mercury.
 - .5 If spill cannot be cleaned up immediately, apply neutralizing agent over mercury spill area.
 - .6 Collect mercury droplets together with a dust pan, squeegee or mercury vacuum.
 - .7 Clean-up bulk mercury using aspirator bulb or mercury vacuum. Clean remainder with a mercury sponge. Place mercury in closed container (plastic or glass).
 - .8 Porous surfaces are to be cleaned with Neutralizing Agent after clean-up of bulk mercury. Neutralizing Agent to be cleaned with mercury vacuum, or manufacturer's instructions.

- .9 If mercury spills into soil, carpet, through cracks, into drains etc. further removal of surface materials at contractor cost will be required. Do not proceed without approval from Owner's Representative.
- .10 Place all cleaning materials including drop sheets or polyethylene sheeting in containment drums.

3.4 Transportation and Reporting

- .1 Transport materials following Transportation of Dangerous Goods Act.
 - .1 Transport Mercury Materials and Waste to approved site for recycling, including mercury vapour in lamps, and ensure materials are recycled.
 - .2 The facility used to process and recycle the mercury shall be approved by the Ministry of the Environment, Conservation and Parks, or local jurisdictional authority, and shall have valid Certificates of Approval to carry out the work outlined herein.
 - .1 The facility must issue a Certificate of Recycling identifying types and quantities of materials generated from the project. The facility must also provide a Certificate of Recycling for the mercury generated from the project.
- .3 Provide the Abatement Consultant a copy of each waste manifest and or a letter from the recycling agency acknowledging receipt of the materials.

END OF SECTION

**LAKESHORE PUBLIC SCHOOL
2243 LAKESHORE ROAD, BURLINGTON, ONTARIO.
LED LIGHTING RETROFIT & EMERGENCY LIGHTING REPLACEMENT
MAY 7, 2026
ELECTRICAL ADDENDUM E1**

The following document is hereby made a part of the Contract Documents.

The following revisions and/or additions shall be made to Drawings and/or specifications and the cost shall be included in Tender Price.

Drawing E1 – Electrical Legend, Notes and Schedules:

1. Please find attached re-issued Drawing with clouded revisions.

END OF ADDENDUM E1

