

RFT 26-042 (the RFX)

School Renovations at Glen Williams Public School

Issue Date: February 13, 2026

Closing Date and Time: All Submissions are to be submitted electronically via email to chatelaina@hdsb.ca @hdsb.ca no later than 2:00 p.m. local time, on March 3, 2026.

Questions:

All questions to be submitted in writing through hdsb.bidsandtenders.ca using the “Submit a Question” link associated with this bid request. Questions are required to be received no later than the question deadline outlined in the bid request.

Purchasing Representative:

Name: Amanda Chatelain
Email Address: chatelaina@hdsb.ca

Site Meeting

Date: February 17, 2026
Location: Glen Williams Public School,
512 Main St, Georgetown, ON L7G 3S8
Time: 1:00 p.m
Note: Proponents are to meet at the front entrance of the HDSB location.

Communications Notice

To obtain documents online please visit: <https://hdsb.bidsandtenders.ca>

If you subscribe to bids & tenders you can login to your account to download the document(s) without the preview watermark. You may also opt to purchase a one-time download for this opportunity. Documents are not provided in any other manner.

All Suppliers shall be registered as a Plan Taker for this opportunity, which will enable the Supplier to download the RFT without the watermark preview, to receive addenda email notifications, and to download addenda. Failure to register as a Plan Taker may result in disqualification of the submission, at the sole discretion of HDSB.

Should the HDSB receive a Submission that is subsequently found to be from a Supplier that is not registered with bids & tenders and the Supplier did not obtain the RFT document from <https://hdsb.bidsandtenders.ca> the HDSB reserves the right to remove the Submission from further consideration.

The following documents form part of all HDSB competitive proposal documents:

HDSB Procurement Administrative Procedure:

<https://www.hdsb.ca/our-board/Policy/Procurement.pdf>

HDSB Asbestos Management in Facilities Administrative Procedure:

<https://www.hdsb.ca/our-board/Policy/AsbestosManagementInFacilities.pdf>

HDSB Vendor Performance Management Administrative Procedure:

<https://www.hdsb.ca/our-board/Policy/VendorPerformanceManagement.pdf>

Broader Public Sector Procurement Directive

[https://www.doingbusiness.mgs.gov.on.ca/mbs/psb/psb.nsf/Attachments/001-BPS_Procurement_Directive/\\$FILE/BPS_Procurement_Directive.pdf](https://www.doingbusiness.mgs.gov.on.ca/mbs/psb/psb.nsf/Attachments/001-BPS_Procurement_Directive/$FILE/BPS_Procurement_Directive.pdf)

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1. Introduction to the Halton District School Board (HDSB)

The Halton District School Board (HDSB) supports the learning of approximately 67,000 students across the municipalities of Burlington, Halton Hills, Milton, and Oakville within the Halton Region. As one of the largest English-language school boards in Ontario, the HDSB provides high-quality education from Kindergarten through Grade 12, as well as continuing education programs for adults and newcomers.

The HDSB's team of approximately 12,000 staff, including teachers, administrators, support personnel, and senior leadership, work collaboratively to provide a safe, caring, equitable, and inclusive learning environment for all students, while also promoting respect, civility, and academic excellence. The HDSB aims to create a positive school climate where every student, staff member, and member of the school community feels safe, included, and accepted and where students can learn, grow, and thrive within HDSB's 92 Elementary Schools and 18 Secondary Schools (including Gary Allan HS and Syl Apps HS).

Additional information about the HDSB can be found by visiting hdsb.ca.

2. Objective of the RFX

The HDSB is seeking qualified Suppliers to complete School Renovations at Glen Williams Public School located at 512 Main St, Georgetown, ON L7G 3S8.

In order to be considered for this project, the successful Supplier shall have the following attributes/characteristics:

- a. Experience providing Services as described in this RFX;
- b. Have all appropriate licenses, certifications, and operating authorities to provide the Services requested in this RFX;
- c. Knowledge of leading-edge trends in the industry;
- d. Ability to develop and follow detailed project timelines;
- e. Sufficient, competent, trained, and experienced personnel to provide the requested Services;
- f. Appropriate supervision, training, documentation, Information and Technology, and other resources are needed to provide the requested services.
- g. Sufficient labor and equipment to meet timelines without overextension;
- h. Strong coordination between disciplines and with other trades including a clear process for managing subcontractors, scope changes, delays, or issues; and,
- i. Appropriate liability and WSIB insurance documentation.

The deliverables for the HDSB School Renovation project at Glen Williams Public school are set out in the SCOPE OF WORK AND DELIVERABLES. The HDSB intends to contract by issuance of a Letter of Intent, Award Letter, and/or issuance of a Purchase Order (PO) with one or more primary qualified Supplies to provide the services. This RFX includes the appendices and other supporting documents attached hereto, which form part of the RFX.

Suppliers are encouraged to read each section of the Request for Tender (“RFX”) thoroughly. While sections may appear similar, additional information may be included as applicable within each section. It is the Supplier’s responsibility to understand each section’s requirements. The procurement timetable represents the HDSB’s best estimated schedule. All dates may be subject to change at HDSB’s discretion. Awarding of the contract is funding dependent and may be delayed while funding is secured.

Additionally, suppliers must review and acknowledge the attached HDSB Standard Terms and Conditions.

3. Planned Schedule of Events

Event	Date
Release of RFX	February 13, 2026
Site Meeting	February 17, 2026
Question Deadline	February 20, 2026
Issuance of Final Addendum	February 24, 2026
RFX Closing	March 3, 2026
Project Timelines	June 26, 2026 - August 28, 2026
All times specified in this timetable are local times in Burlington, Ontario, Canada	

4. Bid Security and Bonding Requirements

Any bid submission equal to or greater than \$500,000, must be submitted with a Bid Bond in the value of ten percent (10%) of the Total Cost and a Surety Consent in favour of the Halton District School Board. The Surety Consent shall cover a Performance Bond and a Labour & Materials Payment bond, each in the amount of fifty percent (50%) of the contract price as a guarantee that the Bidder shall execute the contract upon award.

The Bid Security so submitted shall be irrevocable and valid for 90 days from the closing date set for the submission of tender.

In order to be considered for award of a contract equal to or over \$500,000, the Bidder shall submit as part of their Submission, a Surety Consent, completed by a Bonding Company. Any others will not be accepted.

Upon receipt of written notice from the Halton District School Board that it has been awarded the Contract, the successful Bidder shall provide, within five (5) working days

of such notice, an original Performance Bond and a Labour and Material Payment Bond, each for the amount of fifty per cent (50%) of the total lump sum price, to guarantee the performance of all obligations of the Contract.

5. RFX Closing Information

All Suppliers shall have an Online Bidding System vendor account and be registered as a plan taker at <https://hdsb.bidsandtenders.ca> for this RFX, which will enable the Supplier to download the RFX, to receive addenda/addendum email notifications and to download addenda.

The HDSB **does not** accept electronic submissions via Bids and Tenders. **All Submissions are to be submitted electronically via email to chatelaina@hdsb.ca no later than 2:00 p.m. local time in Burlington, Ontario, on March 3, 2026** as noted on the front cover of this document. Submissions submitted and/or received by any other method will be rejected unless the HDSB has instructed otherwise.

Submissions will be deemed to be officially received by the time stamp issued by the HDSB's email server. Suppliers are cautioned that the timing of their Submission is based on when the submission is received by the HDSB's email server, not when the Submission is submitted by the Supplier, as the submission transmission can be delayed in an 'Internet Traffic Jam' due to file transfer size, transmission speed, etc.

All Submissions must be received by the HDSB's designated email address no later than the closing date and time specified in this RFP. Submissions received after the official closing time, as determined by the HDSB's email server timestamp, may be declared non-compliant and not be considered for evaluation, in the sole discretion of the HDSB. It is the sole responsibility of the Supplier to ensure that its Submission is received on time.

By submitting, the Supplier acknowledges and accepts all terms and conditions in this solicitation document and all terms and conditions outlined in the [HDSB Standard Terms and Conditions](#).

6. Site Meeting

Suppliers are responsible for conducting any site examination deemed necessary by the Supplier to inform themselves fully as to the existing conditions, limitations, access, surrounding site conditions and all other conditions, and for the proper preparation of the Submission. Failure of Suppliers to familiarize themselves with site conditions will not be an allowable reason for an increase in Contract costs.

A Mandatory Site Meeting will be held on **February 17, 2026, at 1:00 p.m** at the **main office of Glen Williams Public School**, located at **512 Main St, Georgetown, ON L7G 3S8**.

All Suppliers are required to sign in upon arrival. **Late arrivals will not be permitted to attend the mandatory site meeting** and will be disqualified from further consideration for this project. Suppliers who fail to attend and sign in at the Mandatory Site Meeting will have their submissions disqualified. No exceptions will be made for late arrivals or failure to sign in. Suppliers are responsible for ensuring timely attendance.

Where there is a mandatory site meeting(s), the HDSB, at its sole discretion, reserves the right to re-schedule a second visit, to ensure competitive submissions are received, in the event that no potential Supplier or only one potential Supplier attends the mandatory site meeting(s). Suppliers who fail to attend and register their attendance at the mandatory site meeting(s) will be disqualified from submitting a Submission.

While on site, all Suppliers must comply with current Public Health directives and HDSB COVID-19 protocols in effect at the time of the visit.

7. Communication Protocol

All communication related to any aspect of this RFX must be conducted exclusively through the Online Bidding System.

Suppliers who fail to adhere to this communication requirement may be disqualified from further participation in this RFX process. Specifically, and without limitation, Suppliers shall not communicate or attempt to communicate regarding this RFX with:

1. Any employee, official, or agent of the Halton District School Board (HDSB), other than the designated RFX Purchasing contact; or
2. Any member of HDSB's governance, including but not limited to Trustees, the Director of Education, Superintendents, officers, or external advisors.

Suppliers are responsible for reviewing all RFX documents, including the HDSB Standard Terms and Conditions, all Appendices, and the Form of Tender. Should a Supplier identify any errors, omissions, or ambiguities, or require further clarification, such inquiries must be submitted to the RFX Purchasing contact via the Online Bidding System by the deadline specified for questions.

It is the sole responsibility of the Supplier to request clarification on any aspect of this RFX that appears unclear. The HDSB shall not be held responsible for any misunderstanding or misinterpretation by the Supplier.

If a Supplier believes there is an error, inconsistency, or ambiguity in the RFX documents, they must notify the RFX Authority via the Online Bidding System prior to submitting a response.

Where appropriate, the HDSB will issue a clarification through the Online Bidding System for the benefit of all Suppliers. Responses to inquiries will include both the question (edited for clarity if necessary and without identifying the Supplier) and the

HDSB's response. The HDSB reserves the right to consolidate and respond to similar questions only once.

If a clarification results in a change to the RFX, such change will be communicated through a formal addendum issued via the Online Bidding System.

All addendum or addenda issued shall form part of this document, which forms part of the RFX. The onus is on the Supplier to verify that they have received and reviewed all addenda. Failure to acknowledge receipt of all addenda in the submission may result in disqualification.

8. Issuance of Addenda

Should the HDSB determine, for any reason, that it is necessary to provide additional information or clarification regarding this RFX, such information will be issued to all Suppliers in the form of an addendum, using the same method by which the original RFX was communicated. Each addendum will form an integral part of this RFX and shall be considered incorporated into all related documents.

This RFX may only be amended through the issuance of such addenda in accordance with this section. Amendments or clarifications issued in any other manner will not be considered binding on the HDSB.

All inquiries regarding this RFX must be submitted in writing through the Online Bidding System no later than 2:00 p.m. (local time) on February 20, 2026. Any resulting addenda will be issued no later than February 24, 2026.

It is the sole responsibility of each Supplier to ensure they have received all addenda prior to submitting their Submission.

9. Submission of Required Documentation

Suppliers are required to submit all mandatory and supporting documentation as part of their response to this RFX. Failure to provide any required documentation may result in the Submission being deemed non-compliant and disqualified from further consideration. Incomplete submissions may be rejected without further review.

Required documents include, but are not limited to, the following:

- Form of Tender
- Appendix A: Declaration and Signature Sheet
- Appendix B: Supplier Attestation
- Appendix C: Procurement Restriction Policy Compliance Declaration

Suppliers must ensure that all forms are fully completed, signed by an authorized representative, and submitted in the manner and format specified in this RFX.

Optional documents include, but are not limited to, the following:

- Appendix D: Voluntary Declaration of Diverse Supplier Status (if applicable)

It is the sole responsibility of the Supplier to review all RFX documents and instructions to ensure that a complete submission is made. Incomplete submissions may be rejected without further consideration.

10. Notice of Intent Not to Submit a Bid

Suppliers who do not intend to submit a response to this RFX are requested to complete and return **Appendix E - Notice of Intent Not to Submit a Bid** form included in this RFX package.

The purpose of this form is to assist the HDSB in understanding reasons for non-participation and to help improve future procurement opportunities.

Please submit the completed form by email to **chatelaina@hdsb.ca** on or before the closing date and time indicated in this RFX.

11. HDSB Standard Terms and Conditions

All Suppliers must review the attached HDSB Standard Terms and Conditions which form an integral part of this RFX process.

All Suppliers to the HDSB will be bound by the standard terms and conditions set forth, except as specifically qualified in Special Terms and Conditions, issued in connection with any RFSQ, RFQ, RFP, RFI, Tender or any other type of request issued by the HDSB soliciting pricing and/or services, whether communicated formally or informally, including via email, phone, or verbal request.

12. Mandatory Terms for Definitive Agreements

As a condition of award, the Supplier agrees that this RFX and any Letter of Intent, Award Letter, Purchase Order, contract or other definitive agreement issued by HDSB (each, a **“Definitive Agreement”**) will incorporate and be governed by: (i) this RFX and the HDSB Standard Terms and Conditions; and (ii) the mandatory provisions set out in Appendix F (the **“Mandatory Incorporated Provisions”**).

The Mandatory Incorporated Provisions shall be included in or are deemed included in every Definitive Agreement (and prevail in the event of conflict), notwithstanding any Supplier terms, order forms, shrink-wrap/click-wrap or other documents, which are of no force or effect unless expressly accepted in writing by HDSB. Notwithstanding the foregoing, such provisions shall be interpreted and applied with such modifications, adaptations, and conforming changes as may be necessary to ensure consistency with the structure, terminology, and context of the applicable Definitive Agreement and to give full effect to the intent of the HDSB as expressed herein.

The Supplier shall flow down the Mandatory Incorporated Provisions to all permitted subcontractors and remains fully responsible for their compliance.

13. Order of Precedence

In the event of any conflict, inconsistency, ambiguity or discrepancy among the documents forming this RFX and any resulting Definitive Agreement, the documents shall take precedence in the following order, to the extent of the conflict only.

Supplier terms and conditions (including quotations, proposals, order forms, shrink-wrap/click-wrap, websites/portals) are of no force or effect unless expressly accepted by HDSB in writing and identified as prevailing.

During the RFX process (prior to award)

1. Most recent Addendum(da), in reverse chronological order.
2. Any Special Terms and Conditions or Special Instructions to Suppliers included in this RFX.
3. The main body of this RFX.
4. Appendix F – Mandatory Incorporated Provisions (notwithstanding the foregoing, Appendix F prevails over any conflicting RFX term).
5. Other Appendices and Attachments to this RFX (excluding Appendix F), including the Scope of Work/Specifications/Drawings, schedules and forms (as applicable).
6. Questions and answers/clarifications only to the extent formally issued by Addendum.
7. The Supplier's Submission (including any BAFO and any Supplier-written clarifications requested by HDSB and accepted by HDSB in writing).

After award (Definitive Agreements: PO, Letter of Intent/Award Letter, standalone contract)

1. Most recent Amendment/Change Order/Change Directive, in reverse chronological order.
2. The executed Definitive Agreement (including any schedules), or the HDSB Purchase Order (including any PO Terms), or the Letter of Intent/Award Letter (as applicable).
3. Appendix F – Mandatory Incorporated Provisions (these are deemed incorporated into every Definitive Agreement and prevail over any conflicting term).
4. The main body of this RFX (front end).
5. Special Terms and Conditions or Special Instructions to Suppliers included in this RFX (if not already incorporated above).
6. Scope of Work/Specifications/Drawings and all technical requirements.
7. Other RFX Appendices and Attachments (excluding Appendix F).

8. The Supplier's Submission (including any BAFO and any Supplier-written clarifications requested by HDSB and accepted by HDSB in writing).

Additional rules of precedence

Later-dated documents of the same tier prevail over earlier-dated documents.

Addenda prevail over any previously issued portion of the RFX they modify.

Figures govern over scaled measurements on drawings; detailed specifications govern over general; project-specific requirements govern over standard specifications.

In the case of a discrepancy between words and figures, the words govern.

Responses to questions, presentations, demonstrations or site-meeting discussions are not binding unless and only to the extent incorporated by formal Addendum or written amendment executed by HDSB.

Post-award, the executed Definitive Agreement (or PO) prevails over Appendix F except where Appendix F is expressly incorporated as a mandatory, non-variable provision and identified as prevailing in the Definitive Agreement.

Nothing in this Order of Precedence limits HDSB's rights or remedies set out in the HDSB Standard Terms and Conditions.

SCOPE OF WORK

Phase 1 Renovations (Construction Summer 2026)

- Classroom #1, 3, 5, 7 Renovations:
 - Remove existing flooring & base c/w mastic and install new LVT flooring and base;
 - Remove existing wall finishes down to concrete block (chalk/white/tackboards, acoustic wall tiles, gypsum, strapping, glues, etc.) and patch and paint;
 - Remove existing millwork, coat hooks, shelves and install all new;
 - Install new white/tackboard;
 - Install new control panels;
 - Remove and reinstall projectors, wifi routers, etc.;
 - Existing acoustic ceiling tile;
 - Remove existing light fixtures and install new;
 - Remove existing bulkheads and exhaust system. Install new bulkhead or ACT;
 - Remove and reinstall existing plumbing fixtures as shown;
 - Install new roller blinds as shown; and,
 - Asbestos abatement.

- SERT Office/Storage/Sensory:
 - Remove existing flooring & base c/w mastic and install new LVT flooring;
 - Remove existing wall finishes down to concrete block (chalk/white/tackboards, acoustic wall tiles, gypsum, strapping, glues, etc.) and fur out existing block walls with metal studs and new gypsum board;
 - Relocate existing millwork;
 - Install new white/tackboard;
 - Install new control panels;
 - Remove and reinstall projectors, wifi routers, etc.;
 - Supply and Install new acoustic ceiling tile and lights; and,
 - Asbestos abatement.

- Gym:
 - Remove existing flooring & base c/w mastic and install new sports flooring and base c/w new gym line painting;
 - Remove existing floor sockets and patch. Supply and install new floor sockets;
 - Remove existing doors/frames and install new doors/frames c/w hardware.

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 00.01 Asbestos Abatement – Type 1 Procedures
 - .2 Section 02 82 00.02 Asbestos Abatement – Type 2 Procedures
 - .3 Section 02 82 00.04 Asbestos Abatement – Type 2 Glove Bag Method
 - .4 Section 02 83 10 Lead Abatement – Class 1 Procedures
 - .5 Section 02 83 11 Lead Abatement – Class 2 Procedures
- .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, condition and quantities 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), Glen Williams Public School, 512 Main Street, Glen Williams, Ontario”, dated June 23, 2025, prepared by Pinchin Ltd., file number 352316.003. The following are clarifications to the report:
 - .1 Asbestos-containing (A-C) **floor tile mastic** is present in Classroom 1 (Location 1). Drawings are hatched as floor tiles.

1.3 Outline of Work

- .1 Coordinate the following items with the Owner's Project Manager and the Construction Manager, which are to be included in the Abatement Contractor's scope of work, 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, Work Areas, phasing and schedule.
- .3 Install Hoarding Walls between Abatement Work Areas and Occupied Areas as required.
- .4 Using Type 1 procedures prescribed in the Section identified in Related Work, perform the following work:
 - .1 Remove and dispose of asbestos-containing vinyl floor tiles, and non asbestos-containing vinyl floor tiles with asbestos-containing mastic where flooring is scheduled to be removed.
 - .1 Include to remove vinyl floor tiles where present under millwork and/or radiators where scheduled to be removed.
 - .2 Remove fasteners from partitions, millwork, and other items scheduled for demolition, where they are attached to flooring with asbestos-containing vinyl floor tiles and/or mastic. If removal using hand-held non-powered tools is not feasible, follow Type 2 procedures outlined in Section 02 82 00.02 and use power tools equipped with an effective HEPA dust collection device.
 - .3 Remove and dispose of asbestos-containing vinyl floor tiles where not scheduled to be removed but may be disturbed by demolition and/or new installation.
 - .2 Remove door frames where asbestos-containing paint/block filler will be disturbed in the 1964 and 1968 eras.
 - .1 If removal using hand-held non-powered tools is not feasible, follow Type 2 procedures outlined in Section 02 82 00.02 and use power tools equipped with an effective HEPA dust collection device.
 - .2 Lag edges of remaining paint in doorway.
 - .3 Remove blackboards, white boards/tack boards where scheduled to be removed.
 - .1 Remove and dispose of mastic completely from blackboards, white boards/tack boards and associated substrate.
 - .4 Remove rooftop exhaust fan/ducting where it will disturb presumed asbestos-containing roofing. Removal is to be completed using non powered hand tools.
 - .1 Use Type 2 asbestos procedures, as outlined in Section 02 82 00.02, if removal is done using power tools equipped with HEPA filtered dust collection devices.

- .5 Using Type 2 procedures prescribed in the Section identified in Related Work, remove and dispose of asbestos-containing vinyl floor tile mastic using power tools/machines equipped with a HEPA filtered dust collection device, from the Gym Room 31 and all other locations where scheduled to be removed. Site isolation is to include visual barrier comprised of rip-proof polyethylene sheeting, where necessary and where occupants are present.
- .6 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 1964 and 1968 eras of construction. 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; tack boards, white boards, millwork, electrical/mechanical items, conduit, junction boxes, supports, exit signs, speakers, projectors, door frames, coat hooks, ceiling grid/tracks, control panels, thermostats, etc. attached to block walls with asbestos-containing paint/block filler and/or to drywall walls with asbestos-containing drywall joint compound. Seal exposed edges of asbestos-containing paint/block filler where damaged, with lagging compound.
 - .2 Install all electrical/mechanical items, electrical conduit where it's scheduled to be affixed to block walls with asbestos-containing paint/block filler and/or to drywall walls with asbestos-containing drywall joint compound.
 - .3 Install/attach items, including but not limited to, tack boards, white boards, millwork, electrical/mechanical items, conduit, exit signs, speakers, projectors, new door frames, coat hooks, ceiling grid/track, new framing, control panels, thermostats etc. attached to block walls with asbestos-containing paint/block filler and/or to drywall walls with asbestos-containing drywall joint compound.
- .7 Using Type 2 procedures (with full enclosure) prescribed in the Section identified in Related Work, perform the following work in the 1964 and 1968 eras of construction:
 - .1 Create openings in concrete block walls as required for wall penetrations.
- .8 Using Type 2 procedures prescribed in the Section identified in Related Work (with a full enclosure), remove and dispose of drywall walls/ceilings/bulkheads with asbestos-containing joint compound, where scheduled to be removed in the 1964 era.
- .9 Using Glove-Bag procedures prescribed in the Section identified in Related Work, remove and dispose of asbestos-containing pipe insulation where present within millwork and/or above ceilings scheduled for removal, and as required for mechanical tie-ins and/or where piping is scheduled for removal. Allow for 50 fittings and 150 linear feet of pipe insulation on straight sections throughout Work Areas.
 - .1 If for reasons of pipe geometry or access, Glove Bag procedures cannot be used, remove and dispose of asbestos-containing insulations as per Section 02 82 11 for less than 1 square meter, or following Type 3 procedures in accordance with Ontario Regulation 278/05 for greater than 1 square meter.

- .10 Follow lead procedures prescribed in the Sections identified in Related Work, when disturbing lead-containing materials.
- .11 Follow silica procedures prescribed in the MOL Silica on Construction Projects Guidelines when disturbing silica-containing materials.
- .12 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.
- .13 Visit the site prior to tender close to confirm the location and extent of any hazardous building materials or materials contaminated by hazardous materials.
- .14 Protect surfaces, building fabrics and items remaining within the Abatement Work Area.
- .15 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.
- .16 Isolate the Abatement Work Area from adjoining Occupied and Non-Occupied Areas whether present at an interior or exterior location.
- .17 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.
- .18 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.
- .19 Remove and dispose of as appropriate waste, building components, materials and items contaminated by hazardous materials that cannot be effectively cleaned.
- .20 Encapsulate remaining hazardous materials at locations where removal is deemed impractical by the Abatement Consultant.
- .21 Encapsulation will not be permitted where removal of building materials or structures scheduled for demolition will facilitate access to the asbestos materials in question.
- .22 Final clean work area to remove visible signs of asbestos and other hazardous materials, other debris or settled dust.
- .23 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.

- .24 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 using a Dispersed Oil Particulate (DOP) or Poly Alpha Olefin (PAO) HEPA filter leak test. This test is to be conducted on site where units are to be installed. Refer to the Environmental Abatement Council of Canada (EACC) DOP/PAO Testing Guideline 2013 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 Lead-Containing: The Ontario Ministry of Labour (MOL) has not established a lower limit for concentrations of lead in paint, below which precautions do not need to be considered during construction projects. Pinchin follows the recommendations of the Environmental Abatement Council of Canada (EACC) Lead Guideline for Construction, Renovation, Maintenance or Repair. The Guideline suggests that 0.1% (1,000 ppm) lead in paint represents a de minimis concentration of lead in paint for construction hygiene purposes, that is a concentration below which the lead content is not the limiting hazard in any disturbance of leaded paint for non-aggressive disturbance of painted finishes, (hand powered demolition, chipping, scraping, light sanding, etc.).
- .16 Lead Waste: Waste generated from removal of lead-containing materials, or the substrate and paint finish where left intact.
- .17 Milestone Inspection: Inspection of the Abatement Work Area at a defined point in the abatement operation.
- .18 Negative Pressure: A reduced pressure within the Abatement Work Area (> 0.02 inches of water column) established by extracting air directly from Abatement Work Area and discharging it to exterior of building.
- .19 Non-Friable Material: Material that when dry cannot be crumbled, pulverized or powdered by hand pressure.
- .20 Occupied Area: Any area of the building or adjoining space outside the Abatement Work Area.
- .21 Personnel: All Contractor's employees, sub-contractors employees, supervisors.
- .22 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.

- .23 PCB Waste: PCB Equipment, PCB Material, PCB Liquids and materials or items contaminated with PCBs.
- .24 PCM: Phase Contrast Microscopy.
- .25 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).
- .26 TEM: Transmission Electron Microscopy.

1.6 Regulations and Guidelines

- .1 Comply with 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 include but are not limited to the following:
 - .1 Ministry of Labour, Immigration, Training, and Skills Development R.S.O. 1990, c. O.1 Occupational Health and Safety Act and its regulations, including:
 - .1 Ontario Regulation 278/05 – Asbestos on Construction and in Buildings and Repair Operations
 - .2 Ontario Regulation 213/91 – Construction Projects
 - .2 Waste Management regulation R.R.O. 1990, Reg. 347 as amended under the Environmental Protection Act.
 - .3 PCB Regulations, SOR 2008-273 and R.R.O. 1990, Reg 362.
 - .4 Environmental Abatement Council of Canada (EACC), Lead Guideline For Construction, Renovation, Maintenance or Repair, October 2014.
 - .5 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 similar 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.
- .3 All workers completing lead or silica work must be trained to perform the work.

1.10 Notification

- .1 Before commencing work, notify orally and in writing, an inspector at the office of the Ontario MLITSD 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 Workplace Safety and Insurance Board Clearance Certificate.
 - .2 Insurance certificates.
 - .3 Copy of Company Health and Safety Policy and applicable programs.
 - .4 Ontario MLITSD Notice of Project form and/or Notice of Asbestos Removal Work Form.
 - .5 Copy of Certificate of Approval for disposal of asbestos waste.
 - .1 If transporting asbestos waste in bulk, copy of environmental compliance approval for a waste management system authorizing the transportation of asbestos waste in bulk.
 - .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 as an Asbestos Abatement Supervisor (AAS) under the Ministry of Training, Colleges and Universities.
 - .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.
 - .5 Proof of training for the following site-specific hazards or conditions identified:
 - .1 Lead Worker Training
- .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 N510-1989 (1995).
- .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 the Halton District School Board and the General Contractor. The intent of this policy is to hold the 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 the Halton District School Board and the General Contractor. The intent of these policies is to hold the 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 the Halton District School Board and the General Contractor. The intent of this policy is to hold the 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 the Halton District School Board and the General Contractor before work is commenced, showing the Halton District School Board and the General Contractor as additional insured as their interest may appear.
- .5 the 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 Inspection

- .1 From commencement of work until completion of clean-up operations, the Abatement Consultant is empowered by the Owner to inspect for compliance with the requirements of governing authorities, adherence to specified procedures and materials, and to inspect for final cleanliness and completion.
- .2 The Abatement Consultant is empowered by the Owner to order a shutdown of work when leakage of asbestos 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 Inspection 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 inspection and provide access as necessary. Make good work disturbed by inspection and testing at no cost to the Owner.
- .7 Refer to the Sections identified in Related Work for specified milestone inspections 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 inspections or transportation of waste through Occupied Areas.
- .9 The following Milestone Inspections may take place, at the Owner's cost, as outlined in each related specification:
 - .1 Milestone Inspection - Clean Site Preparation

- .1 Inspection of preparations and set-up prior to contaminated work in the Abatement Work Area.
- .2 Milestone Inspection – Bulk Removal Inspection
 - .1 Inspection during asbestos removal, monitoring removal methods, site deficiencies, performing occupied air monitoring, etc.
- .3 Milestone Inspection - Visual Clearance
 - .1 Inspection 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 inspections 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 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, or from within the Abatement Work Area during or following Glove Bag Work, 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 inspection and air monitoring results are at a level equal to that specified.
 - .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 at or 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 inspection, 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 inspected 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 inspection 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 Respirator worn must be compliant with Section 13 and Table 2 of O.Reg. 278/05.

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 or in receiving.
- .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, lead 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 properly 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 Lead Waste Container: An impermeable container acceptable to disposal site and Ministry of the Environment, that is:
 - .1 Dust tight.
 - .2 Suitable for the type of waste.
 - .3 Evaluated for leachable lead content, and disposed of in accordance with applicable regulations.
 - .1 Where lead waste exceeds 5.0 mg/L of lead in the TCLP analysis, label as lead waste and dispose of as leachate toxic hazardous waste.
 - .2 Where lead waste is below 5.0 mg/L of lead in the TCLP analysis, disposed of as construction waste.
- .12 OSB: Oriented Strand Board.
- .13 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.
- .14 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.
- .15 Protective Clothing: Disposable coveralls complete with head covering and full body covering that fits snugly at the ankles, wrists and neck.

- .16 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.
- .17 Sprayer: Garden type portable manual sprayer or water hose with spray attachment if suitable.
- .18 Tape: Duct tape or tape suitable for sealing polyethylene to surfaces under both dry and wet conditions in the presence of Amended Water.
- .19 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

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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 1 or Low Risk procedures, and Pinchin and Owner specific requirements.

1.3 Personal Protection

- .1 Protect all personnel at all times when possibility of disturbance of ACM exists.
 - .1 Provide non-powered half-face respirators with P100 high efficiency (HEPA) cartridge filters when requested by personnel.
 - .2 When requested by personnel, provide protective clothing.
- .2 Provide protective clothing, to all personnel entering the Abatement Work Area.
- .3 Wear hard hats, safety shoes and other personal protective equipment required by applicable construction safety regulations.

1.4 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.

PART 3 EXECUTION

3.1 Site Preparation

- .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 Install one layer of polyethylene sheeting on walls, floors, finishes, millwork, electrical equipment, equipment and furnishings remaining in the Abatement Work Area.

- .5 Install one layer of rip-proofing polyethylene sheeting over one layer of polyethylene sheeting on walls, floors, finishes, millwork, electrical equipment, equipment and furnishings remaining in the Abatement Work Area.
- .6 Install polyethylene drop sheets below areas of work.
- .7 Install polyethylene sheeting on openings in walls and floors (as required) and seal.
- .8 Install signage in clearly visible locations and in sufficient numbers to adequately warn of an asbestos dust hazard.
- .9 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.
- .10 Provide power from ground fault interrupt circuits.
- .11 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.
- .12 Provide amended water for wetting ACM, and adequate method of wetting (garden sprayers, airless sprayers, etc).
- .13 Without disturbing asbestos-containing materials, remove and dispose of non-hazardous materials as clean waste prior to asbestos removal work, where possible.

3.2 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 Maintain Abatement Work Area in tidy condition.
- .4 Remove any standing water on polyethylene/floor at the end of every shift.
- .5 Turn off water supply to any hoses and reduce pressure in hose, prior to leaving the Abatement Work Area at end of shift.

3.3 Asbestos Removal - General

- .1 Do not use powered tools or non-hand held tools.
- .2 Do not use compressed air to clean or remove dust or debris.
- .3 Do not break, cut, drill, abrade, grind, sand or vibrate ACM if it cannot be wetted. Type 2 procedures would be required if the material cannot be wetted due to hazard or damage.
- .4 Wet ACM prior to work and keep ACM wet throughout the removal process.

- .5 Frequently and at regular intervals during the work, clean up dust and waste using HEPA vacuums and/or wet sweeping or mopping.
- .6 Frequently and at regular intervals, place all waste in asbestos waste containers.
- .7 Immediately upon completion of work, clean area with HEPA vacuum and/or wet sweeping or mopping.

3.4 Asbestos Removal - Vinyl Asbestos Tile

- .1 Wedge a heavy duty scraper in seam of two adjoining tiles and gradually force edge of one tile up and away from floor. Do not break off pieces of tile, but continue to force balance of tile up.
- .2 Place tile, without breaking into smaller pieces, into Asbestos Waste Container.
- .3 Force scraper through tightly adhered areas by striking scraper handle with a hammer.
- .4 Heat tile thoroughly with a hot air gun until heat penetrates through tile and softens adhesive in areas where scraper will not remove tile.
- .5 Deposit waste into asbestos waste disposal bag.
- .6 HEPA vacuum floor on completion of work in area.

3.5 Asbestos Removal – Door/Frame Removal Where Paint/Block Filler is Disturbed

- .1 Wet all material to be disturbed.
- .2 Undo fasteners if necessary to remove material.
- .3 Break material only if unavoidable, and wet material if broken during work.
- .4 Use only non-powered hand-held tools to remove ACM.
- .5 Place removed ACM directly into an asbestos waste container.
- .6 Lag exposed edges of remaining paint/block filler.

3.6 Asbestos Removal – White Boards/Tack Boards

- .1 Wet all material to be disturbed.
- .2 Undo fasteners if necessary to remove material.
- .3 Break material only if unavoidable, and wet material if broken during work.
- .4 Use only non-powered hand-held tools to remove ACM.
- .5 Scrape to remove material adhered to substrate.
- .6 Place removed ACM directly into an asbestos waste container.

3.7 Asbestos Removal - Removal of Other Non-Friable Asbestos Materials – Roofing Materials

- .1 Wet all material to be disturbed.
- .2 Undo fasteners if necessary to remove material.
- .3 Break material only if unavoidable, and wet material if broken during work.
- .4 Use only non-powered hand-held tools to remove ACM.
- .5 Scrape to remove material adhered to substrate.
- .6 Place removed ACM directly into an asbestos waste container.

3.8 Abatement Work Area Dismantling

- .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.
- .4 Wet drop sheets and polyethylene sheeting.
- .5 Carefully roll polyethylene sheeting and drop sheets toward the centre. As polyethylene is rolled away, immediately remove visible debris beneath with a HEPA vacuum.
- .6 Remove remaining polyethylene sheeting and tape.
- .7 Place polyethylene sheeting, drop sheets, tape, disposal clothing and other contaminated waste in asbestos waste containers, wet wipe and place in second asbestos waste container.

3.9 Waste and Material Handling

- .1 Refer to Section 02 81 00.

END OF SECTION

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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.

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 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 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 one layer 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 for the work identified in Section 02 81 00 – General Provisions.
- .2 Install Transfer Room where duration of work is to last longer than one 8 hour shift.
- .3 Seal openings in floor using tape, 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.
- .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. Items to remain include but are not limited to:
 - .1 Millwork.
 - .2 Doors.
 - .3 Bulkheads.
 - .4 Toilet Partitions.
 - .5 Plumbing Fixtures.
 - .6 Electrical Equipment.
 - .7 Mechanical Equipment.
- .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:
 - .1 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.
 - .2 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 Place required tools to complete the abatement with the Abatement Work Area.
- .15 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 Site isolation to include a visual barrier comprised of rip-proof polyethylene sheeting, where inaccessibility and where occupants are present.
- .3 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.
- .4 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. Items to remain include but are not limited to:
 - .1 Millwork.
 - .2 Doors.
 - .3 Bulkheads.
 - .4 Toilet Partitions.
 - .5 Plumbing fixtures.
 - .6 Electrical Equipment.

.7 Mechanical Equipment.

- .5 Install Signage in clearly visible locations and in sufficient numbers to adequately warn of an asbestos dust hazard.
- .6 Install temporary lighting in enclosure to a level that will provide for safe and efficient use of work area - minimum 550 LUX.
- .7 Place HEPA vacuum in Abatement Work Area.
- .8 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. Inspection 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 Removal – Thermal Systems Insulation (less than 1 Square Metre)

- .1 Construct an enclosure around Abatement Work Area and use the procedures described above under *Site Preparation –Enclosure Required*.
- .2 Adequately wet exterior of the ACM with amended water to suppress dust.
- .3 Remove asbestos-containing mechanical insulations in layers, maintaining all exposed surfaces of insulation in a wet condition.
- .4 Remove wetted ACM directly into waste containers. Do not allow ACM to fall to the floor of the Abatement Work Area.
- .5 Clean all surfaces from which ACM has been removed with scouring pads, vacuuming or wet-sponging to remove all visible material after completion of removal of ACM.
- .6 Remove visible dust and debris.
- .7 Seal exposed ends of asbestos-containing insulation to remain, with canvas and lagging.
- .8 HEPA vacuum or wet clean entire Abatement Work Area, including any surfaces not covered with polyethylene sheeting. Any materials removed to access ACM that are to be

re-used, and any abatement equipment, must be wet cleaned or HEPA vacuumed prior to completion.

- .9 Apply Post Removal Sealant to all surfaces within the Abatement Work Area including those from which ACM has been removed.

3.7 **Asbestos Removal - Asbestos-Containing Vinyl Floor Tile Mastic with HEPA Filtered Power Tools/Machine**

- .1 Use the procedures described above under *Site Preparation – Enclosure Required*.
- .2 Wet all material to be disturbed.
- .3 Turn on HEPA vacuum. Vacuum to remain operation throughout work.
- .4 Grind mastic completely to bare concrete using a grinder with a HEPA filtered dust collection device.
- .5 Place removed ACM directly into an asbestos waste container.
- .6 If power tool can disconnect from HEPA vacuum, remove tool, and HEPA vacuum tool and bit, blade, etc, and shrouds.
- .7 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.

3.8 **Asbestos Disturbance - Removal/Installation of Items Affixed to Block Walls with Asbestos-Containing Paint/Block Filler and/or to Drywall Walls with Asbestos-Containing Drywall Joint Compound 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 incessancy 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 walls 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.

3.9 **Asbestos Removal – Block Walls for Openings**

- .1 Use the procedures described above under *Site Preparation – Enclosure Required*.
- .2 Wet all material to be disturbed.
- .3 Remove block walls for openings/penetrations required for mechanical equipment.
- .4 Place removed ACM directly into an asbestos waste container.
- .5 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.

3.10 Asbestos Removal - Drywall with Asbestos Drywall Joint Compound (greater than 1 square metre)

- .1 Use the procedures described above under *Site Preparation – Enclosure Required*.
- .2 Protect drywall around area to be removed by covering with polyethylene and taping seams to wall.
- .3 Cut drywall and remove using non-powered hand-held tools. Place directly into polyethylene waste bag, or sealed container until at waste bin.
- .4 Remove all screws and fasteners in studs or strapping.
- .5 Remove studs and strapping where specified. Clean metal studs and remove from Abatement Work Area.
- .6 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.

3.11 Asbestos Removal - Dust and Debris

- .1 Use the procedures described above under *Site Preparation – No Enclosure Required*.
- .2 Remove visible dust and debris from Abatement Work Area using HEPA vacuums or wet cleaning methods.

3.12 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.

3.13 Abatement Work Area Dismantling

- .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.
- .4 Wet drop sheets and polyethylene sheeting.
- .5 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.
- .6 Remove remaining polyethylene sheeting and tape, and dispose of as asbestos waste.
- .7 Place polyethylene sheeting, drop sheets, tape, disposal clothing and other contaminated waste in asbestos waste containers, wet wipe and place in second asbestos waste container.
- .8 Remove remaining site isolation, seals, tape, etc.
- .9 Remove Transfer Room.

- .10 Remove seals, tape, Signage etc.
- .11 Immediately upon shutting down negative air units, seal air inlet grill and exhaust vent with polyethylene and tape.
- .12 Seal openings in HEPA vacuums.
- .13 Remove and dispose of the pre-filters from HEPA filtered negative pressure machines as asbestos waste.
- .14 Remove HEPA filtered negative pressure machines and discharge ducting or HEPA vacuums.
- .15 Remove temporary lights.
- .16 Remove ground fault panels.
- .17 Place contaminated materials including polyethylene sheeting, drop sheets, seals, tape, disposable coveralls, and other contaminated waste in asbestos waste containers.

3.14 Waste and Material Handling

- .1 Refer to Section 02 81 00.

3.15 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 hose bibs installed and repair pipe.
 - .4 Remove negative air discharge panel and reinstall glazing to match existing.
 - .5 Reinstall ducts removed to perform cleaning of ducts or to access ACM.
 - .6 Clean, mop and vacuum Abatement Work Area and area beneath any tunnels, platform and Decontamination Facilities.
 - .7 Enable building air handling systems.

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 Glove Bag procedures, and Pinchin and Owner specific requirements.
- .3 If for reasons of pipe temperature, geometry or access, Glove Bag procedures cannot be used, remove and dispose of asbestos-containing insulations as per Section 02 82 11 for less than 1 square meter, or following Type 3 procedures in accordance with Ontario Regulation 278/05 for greater than 1 square metre.

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 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 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

2.1 Materials and Equipment

- .1 Refer to Section 02 81 00.
- .2 Glove Bag: Prefabricated bag which provides a completely sealed envelope surrounding a given section of piping to permit the removal of asbestos-containing insulation from within the bag while maintaining the integrity of the bag and preventing the spread of airborne asbestos fibres. The glove bag shall be equipped with,
 - .1 sleeves and gloves that are permanently sealed to the body of the bag to allow the worker to access and deal with the insulation and maintain a sealed enclosure

- throughout the work period,
 - .2 valves or openings to allow insertion of a vacuum hose and the nozzle of a water sprayer while maintaining the seal to the pipe, duct or similar structure,
 - .3 a tool pouch with a drain,
 - .4 a seamless bottom and a means of sealing off the lower portion of the bag, and
 - .5 a high strength double throw zipper and removable straps, if the bag is to be moved during the removal operation.
- .3 Securing Straps: For some types of Glove Bag, reusable nylon straps at least 25mm wide with metal tightening buckle for sealing ends of bags around pipe and/or insulation.

PART 3 EXECUTION

3.1 Site Preparation - General

- .1 Remove to the extent necessary to access piping, 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 Shut down HVAC systems serving the Abatement Work Area.
 - .1 Install polyethylene sheeting over openings in ducts and at 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.
- .4 Install caution tape around work area where existing walls are not present.
- .5 Install Signage in clearly visible locations and in sufficient numbers to adequately warn of an asbestos dust hazard.
- .6 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.
- .7 Cover walls, floors, finishes, millwork, equipment and furnishings below the pipe to be worked on in the Abatement Work Area with polyethylene sheets before disturbing ACM. Drop sheets shall extend a minimum of 1,800 mm from pipe.
- .8 Use existing lighting or install temporary lighting to a level that will provide for safe and efficient use of work area - minimum 550 LUX.
- .9 Provide Amended Water for wetting ACM, in garden sprayers. Provide one garden sprayer for each worker.
- .10 Do not use compressed air to clean or remove dust or debris when completing work of this section.
- .11 Place HEPA Vacuum in Abatement Work Area for each worker.
- .12 Place required tools to complete the abatement within the Abatement Work Area.
- .13 Post Notice of Project, where required by O.Reg. 278/05.

3.2 Maintenance of Abatement Work Area

- .1 Maintain Abatement Work Area in tidy condition.

3.3 Glove Bag Removal

- .1 Do not use Glove Bags on hot pipes that may damage Glove Bag. Refer to manufacturer's limitations.
- .2 Prior to use of Glove Bag on damaged or unjacketed insulation:
 - .1 Spray any areas of damaged insulation jacketing with mist of Amended Water.
 - .2 Tape over damaged insulation to provide temporary repair.
 - .3 Mist areas of insulation with no jacketing and wrap with polyethylene sheeting and seal with tape.
- .3 Place any tools necessary to remove insulation in tool pouch built into Glove Bag.
- .4 Inspect the Glove Bag for damage and defects immediately before it is attached to the pipe or duct.
 - .1 If damage or defects are observed, dispose of Glove Bag.
- .5 Install Glove Bag as per manufacturer's instructions.
- .6 Remove metal jacketing or banding carefully. Do not damage the Glove Bag.
- .7 Remove insulation from pipe as per manufacturer's directions.
 - .1 Volume and weight of insulation must not exceed capacity of the Glove Bag or supports.
 - .2 Arrange insulation in the Glove Bag to maximize use of the Glove Bag.
- .8 Only glove bags designed to be moved may be re-used on other sections of pipe or moved down same section of pipe (e.g. Safe-T-Strip).
- .9 At regular intervals during its use, if damage or defects are observed during the use of the Glove Bag, which cannot be readily repaired with tape and not affect the integrity or strength of the glove bag.
 - .1 Discontinue use of Glove Bag.
 - .2 Wash inner surface of Glove Bag.
 - .3 Wet insulation.
 - .4 Pull an Asbestos Waste Container over Glove Bag before removing from pipe.
 - .5 Remove Glove Bag and Asbestos Waste Container, seal with tape.
 - .6 Place in a second Asbestos Waste Container and seal with tape.
 - .7 Clean immediate area with a HEPA Vacuum prior to resuming work.
- .10 If bag is to be moved along pipe for use on adjacent section of insulation:
 - .1 Wash inner surface of Glove Bag.
 - .2 Wash tools and place tools in pouch.
 - .3 Wet surface of insulation in lower section of bag and any exposed end of asbestos insulation remaining on pipe with Amended Water.
 - .4 Insert nozzle of HEPA filtered vacuum cleaner into bag through valve and evacuate air from bag.

- .5 Seal closure strip.
- .6 Loosen securing straps to maintain a loose seal of Glove Bag to insulation or pipe.
- .7 Use double throw zipper as necessary to pass hangers.
- .8 Tighten straps once bag is in new position and continue insulation removal until Glove Bag is full, work is completed on the pipe or an obstruction prevents further movement of the bag.
- .11 If bag is to be removed from a pipe for use on a new section of pipe, perform the following:
 - .1 Wash inner surface of Glove Bag.
 - .2 Wash tools and place tools in pouch.
 - .3 Wet surface of insulation in lower section of bag and any exposed end of asbestos insulation remaining on pipe with Amended Water.
 - .4 Insert nozzle of HEPA filtered vacuum cleaner into bag through valve and evacuate air from bag.
 - .5 Seal valve cover on valve Glove Bags.
 - .6 Seal closure strip.
 - .7 Wash top section of Glove Bag and tool pouch thoroughly.
 - .8 Undo securing straps, unfasten zipper and carefully move bag to new section of pipe.
- .12 To remove bag after completion of insulation removal operation:
 - .1 Wash inner surface of Glove Bag.
 - .2 Wash and place all tools in one hand (glove), pull hand out inverted, twist to create a separate pouch, tape inverted hand at two separate locations 25 mm apart so as to seal pouch.
 - .1 Remove inverted hand and tools by cutting between the two tape seals.
 - .2 Place inverted hand pouch and tools into the next clean Glove Bag to be used or into a water bucket, open pouch underwater and clean tools.
 - .3 Wet surface of insulation in lower section of bag and any exposed end of asbestos insulation remaining on pipe with Amended Water.
 - .4 Insert nozzle of HEPA filtered vacuum cleaner into bag through valve and evacuate air from bag.
 - .5 Seal valve cover on valve Glove Bags.
 - .6 Seal closure strip if equipped with one. Twist bag at tapered point and secure with tape.
 - .7 Pull an Asbestos Waste Container over Glove Bag before removing from pipe.
 - .1 Undo straps and unzipper, or cut upper portion of single-use Glove Bag.
 - .2 Seal Asbestos Waste Container with tape.
 - .8 Ensure pipe is clean of all residue after removal of Glove Bag. If necessary, after removal of each section of asbestos, vacuum all surfaces of pipe, using HEPA vacuum or wipe with wet cloth.
- .13 Seal all surfaces of freshly-exposed pipe with Post Removal Sealer.
- .14 Cover exposed ends of any remaining asbestos insulation with canvas and lagging using

Type 2 Procedures.

3.4 Clean-Up and Dismantling

- .1 Clean and remove from Abatement Work Area:
 - .1 Equipment and tools.
 - .2 Temporary lighting if used.
 - .3 Polyethylene seals from HVAC systems.
- .2 Place polyethylene sheeting, drop sheets, seals, tape, clothing and other contaminated waste in asbestos waste containers, wet wipe and place in second asbestos waste container.
- .3 Clean Abatement Work Area with HEPA vacuums or wet wiping/mopping.
- .4 Seal openings in HEPA vacuums.
- .5 Proceed with the dismantlement of all barricades, etc. following receipt of authorization to proceed from the Asbestos Abatement Consultant.
- .6 Remove barricades, fencing, caution tape, signs, etc.

3.5 Waste and Material Handling

- .1 Refer to Section 02 81 00.

3.6 Re-Establishment of Items

- .1 Upon completion of work:
 - .1 Move all items that were removed from Abatement Work Area prior to work, back into same location within Abatement Work Area.
 - .2 Remove tags and locks from electrical panels and re-energize equipment and items.
 - .3 Enable building air handling systems.
 - .4 Clean and vacuum Abatement Work Area.

END OF SECTION

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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 Installation or removal of batteries in emergency lighting.

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 shower and hand-wash stations.

1.5 Inspections

- .1 Refer to Inspections in 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.

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 Remove visible dust from all surfaces in the work area including those to be worked on, using HEPA Vacuums or wet wiping.
- .4 Provide amended water for wetting materials, and adequate method of wetting (garden sprayers, airless sprayers, etc.).
- .5 Do not use compressed air to clean or remove dust or debris.
- .6 Frequently and at regular intervals during the work, clean up dust and waste using HEPA vacuums and/or wet sweeping or mopping.
- .7 Frequently and at regular intervals, place all waste in waste containers.
- .8 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.

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

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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 2 or Moderate Risk procedures, and Pinchin and Owner specific requirements.
- .3 Comply with requirements of this Section when performing following Work:
 - .1 Removal of lead containing paint using power tools with an effective dust collection system equipped with HEPA filter.
 - .2 Welding, torching or high temperature cutting of lead-containing surface coatings or materials indoors, with use of an effective fume collector or smoke eater.

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 the following respiratory protection to all personnel, at minimum:
 - .1 Non-powered half-face respirators with P100 high efficiency cartridge filters.
- .2 Provide protective clothing, to all personnel entering the Abatement Work Area, including:
 - .1 Dust impermeable gloves appropriate for the work being completed.

- .2 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.
- .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 shower and hand-wash stations.

1.5 Inspections

- .1 Refer to Inspections in 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.

2.3 Transfer Room

- .1 Install vented wood door in wood frame at doorway to Occupied Area. Door must have locking passage set. Provide two keys to Abatement Consultant and one to Owner.
- .2 Transfer Room to be generally 2000 mm x 2000 mm x 2200 mm high. Increase size accordingly to accommodate number of workers.
- .3 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.
- .4 Install one layer of rip-proof polyethylene sheeting over two layers of 6 mil polyethylene sheeting beneath entire Transfer Room.
- .5 Install one layer rip-proof polyethylene sheeting over roof.
- .6 Turn 600 mm of polyethylene down the sides over polyethylene on the perimeter walls.
- .7 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 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 Cover materials to remain in the Abatement Work Area with polyethylene sheeting before disturbing ACM to control the spread of dust.
- .2 Install caution tape around work area where existing walls are not present.
- .3 Install temporary lighting in enclosure to a level that will provide for safe and efficient use of work area - minimum 550 LUX.
- .4 Place HEPA vacuum in Abatement Work Area.
- .5 Place required tools to complete the abatement within the Abatement Work Area.
- .6 Install Signage in clearly visible locations and in sufficient numbers to adequately warn of a lead dust hazard.

3.3 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. Inspection 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.

3.4 Lead Abatement

- .1 Use the procedures described above under *Site Preparation – No Enclosure Required*.
 - .1 Removal of lead containing paint using power tools with an effective dust collection system equipped with HEPA filter.
 - .2 Welding, torching or high temperature cutting of lead-containing surface coatings or materials indoors, with use of an effective fume collector or smoke eater.
- .2 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.
- .3 Removal methods minimizing dust generation should be used wherever possible.

- .1 Wet methods are to be used to reduce dust generation.
 - .1 Wetting agents should be used where possible.
 - .2 Wet method not be used if it creates a hazard or cause damage to equipment or to project.
- .4 Provide drop sheets below all lead operations that may produce dust, chips or debris containing lead.
- .5 Waste water from cleaning or removal operations must be contained, for treatment or disposal.
- .6 Remove lead containing paint in small sections and pack as it is being removed in sealable waste containers.
- .7 Waste generated should be maintained wet until cleaned and packaged.
- .8 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.
- .9 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.
- .10 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. Ensure containers are removed by workers who have entered from uncontaminated areas dressed in clean coveralls.

3.5 Waste Management and Disposal

- .1 Per Section 02 82 00.

3.6 Final Cleaning

- .1 Following specified cleaning procedures, proceed with final cleanup.
- .2 Remove polyethylene sheet by rolling it away from walls to centre of work area. Clean visible lead containing particles observed during cleanup, immediately, using HEPA vacuum.
- .3 Place polyethylene sheets, tape, cleaning material, clothing, and contaminated waste in plastic bags and seal. Dispose of in accordance with waste materials generated.
- .4 Clean Work areas and Transfer Room, where present.
- .5 Remove sealed waste containers and equipment used in Work and remove from work areas at appropriate time in cleaning sequence.
- .6 Conduct final check to ensure no dust or debris remain on surfaces as result of dismantling operations.

END OF SECTION

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Hazardous Building Materials Assessment (Pre-construction)

Glen Williams Public School
512 Main Street, Glen Williams,
Ontario

Prepared for:

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

June 23, 2025

Pinchin File: 352316.003



Issued to: Halton District School Board
Issued on: June 23, 2025
Pinchin File: 352316.003
Issuing Office: Hamilton, ON
Primary Pinchin Contact: Jessica Cozzitorto, Team Leader
905.577.6206
jcozzitorto@pinchin.com

Author: _____
Adam Altena
Project Technologist

Project Manager: _____
Jessica Cozzitorto, C. Tech
Team Leader

Reviewer: _____
Damian Palus, C.E.T.
Operations Manager



EXECUTIVE SUMMARY

Halton District School Board (Client) retained Pinchin Ltd. (Pinchin) to conduct a hazardous building materials assessment at Glen Williams Public School located at 512 Main Street, Glen Williams, Ontario. Pinchin performed the assessment on April 1, 2025 and June 6, 2025.

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 to the building.

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:

- Pipe insulation
- Parging cement
- Plaster
- Drywall and joint compound
- Cement Products (Transite)
- Vinyl floor tiles
- Floor mastic
- Caulking
- Paints
- Sink mastic
- Wall mastic

Lead:

- Lead is present in paints and coatings.
- 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 the following items, which was not completed during this assessment:
 - a. Any items listed as exclusions in this report, prior to disturbance.
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. Remove and properly dispose of PCB ballasts when fixtures are decommissioned. All PCB lamp ballasts must be removed from service and properly disposed of by December 31, 2025.
6. Recycle mercury-containing lamp tubes and thermostats when removed from service.
7. 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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APPENDICES

APPENDIX I	Drawings
APPENDIX II-A	Asbestos Analytical Certificates
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APPENDIX V	Hazardous Materials Summary Report / Sample Log
APPENDIX VI	HMIS All Data Report



1.0 INTRODUCTION AND SCOPE

Halton District School Board (Client) retained Pinchin Ltd. (Pinchin) to conduct a hazardous building materials assessment at Glen Williams Public School located at 512 Main Street, Glen Williams, Ontario.

Pinchin performed the assessment on April 1, 2025 and June 6, 2025. The surveyor was unaccompanied during the assessment. The assessed area was unoccupied at the time of the assessment.

The objective of the assessment was to identify specified hazardous building materials in preparation for building renovation.

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

Limited demolition of masonry block walls (core holes) was conducted to investigate for loose fill vermiculite insulation. Sampling of roofing materials was 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	Single storey
Total Area	The total area of the building is approximately 23,000 square feet. The assessed area is 21,600
Year of Construction	The building was originally constructed in 1949 with additions constructed in 1954, 1964, 1968, 1981 and in the 2000s
Structure	Structural steel and concrete
Exterior Cladding	Brick veneer
HVAC	Mechanical room boilers with hot water heating to radiators and forced air
Roof	Unknown (not assessed)
Flooring	Vinyl floor tiles, ceramic tiles, carpet, epoxy, wood, terrazzo and exposed concrete
Interior Walls	Drywall, plaster and concrete block
Ceilings	Drywall, plaster, 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:



- *“Asbestos Assessment, Dated July 4, 2024. Prepared By Pinchin, File No. 332085.008”.*

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 Pipe Insulation

Parging cement, containing asbestos, is present on pipe fittings (elbows, valves, tees, hangers etc.) throughout the assessed area including within millwork (samples S0103, S0117 and S0118, photos 1 and 2).

Horsehair present on rainwater leaders in Classroom (Location 3) does not contain asbestos (samples S0104).

Thermal insulation present on pipe fittings on rainwater leaders in the Gymnasium (Location 31) does not contain asbestos (samples S0106 and S0120, photo 3).

Black tar paper present on pipes does not contain asbestos (samples S0128A-C, photo 4).

Sweatwrap insulation (brown layered paper), containing asbestos, is present on straight sections of pipes in the assessed area (samples S0138A-C, photo 5).

Remaining pipes in the assessed area are either insulated with fibreglass, or other non-asbestos insulation such as mineral fibre or elastomeric foam insulation (photo 6).

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



Photo 1



Photo 2



Photo 3



Photo 4



Photo 5

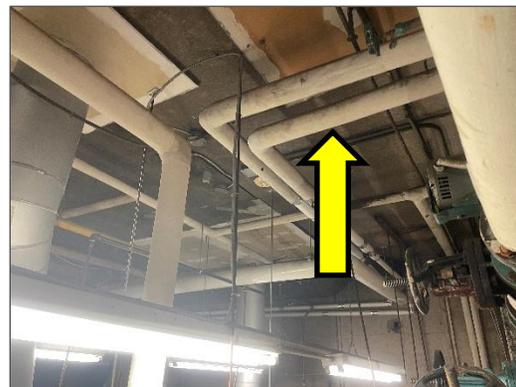


Photo 6

4.1.2 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

4.1.3 Mechanical Equipment Insulation

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



Photo 1

4.1.4 Acoustic Ceiling Tiles

The following is a summary of acoustic ceiling tiles sampled.

Description	Sample Number, Date Code or Material Composition	Asbestos	Photo
2'x4', lay-in, fissures in 2' direction and pinholes	S0082	None detected	
12"x12", glue-on, smooth and large and small circle pattern	Tile: S0083 & S0085 Mastic: S0099	None detected / None detected	
12"x12", glue-on, long fissure and pinholes	Tile: S0084 & S0119 Mastic: S0113	None detected / None detected	
2'x4', lay-in, rounded fissure and elongated fissure with pinholes	S0086	None detected	

Description	Sample Number, Date Code or Material Composition	Asbestos	Photo
12"x12", glue-on, smooth	Tile: S0087 Mastic: S0099	None detected / None detected	
2'x4', lay-in, fissure in 4' direction and natural back	S0088	None detected	
12"x12", glue-on, large and small circle pattern (1968 era)	Tile: S0089 Mastic: S0003	None detected / None detected	
2'x4', lay-in, medium fissure and pinholes	S0090	None detected	

Description	Sample Number, Date Code or Material Composition	Asbestos	Photo
Glue-on ceiling tile mastic on drywall ceiling	S0101	None detected	
2'x4', lay-in, irregular fissures and uniform pinholes	Dated 07/06/99	None*	
2'x4', lay-in, small multidirectional fissures and pinholes	Installed post-2004	None**	

*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.

**Ceiling tiles are presumed to be non-asbestos based on the age of the materials determined from the age of the building construction. The tiles were manufactured after asbestos stopped being used in acoustic ceiling tiles.

4.1.5 Plaster

Textured plaster, containing asbestos, is present on walls in the Staff Washroom, Girl's Washroom and Boy's Washroom (Locations 19, 20 and 23) (samples S0073, photo 1).

Smooth plaster present on walls and ceilings throughout the assessed area does not contain asbestos (samples S0074, S0077, S0080, S0121A-C, S0129A-C, and S0133A-C, photo 2).

Single layer plaster present on walls and ceilings throughout the assessed area does not contain asbestos (samples S0134A-C, photo 3).



Photo 1



Photo 2

4.1.6 Drywall Joint Compound

Drywall joint compound, containing asbestos, is present on the south walls and closet ceilings in Classrooms 3, 5 and 7 (Locations 3, 5, and 7) and ceiling in Caretaker/Supply Room (Location 14) (samples S0078, photo 1).

Remaining drywall joint compound present on bulkhead, wall and ceiling finishes throughout the assessed area does not contain asbestos (samples S0004, S0041, S0043, S0044, S0075, S0076, S0079, S0081, S0122A-C, S0132A-C, and S0144A-C, photo 2).



Photo 3



Photo 4

4.1.7 Asbestos Cement Products

Transite pipe, containing asbestos, is present as pipe sleeves in Vestibule and corridor (Locations 27 and 25, samples S0012, photo 1).

Transite board, containing asbestos, is present in Mechanical Room (Location 22, samples S0102, photo 2).

Transite board, containing asbestos, is present as an exterior south soffit in Vestibule (Location 27, samples S0105, photo 3).

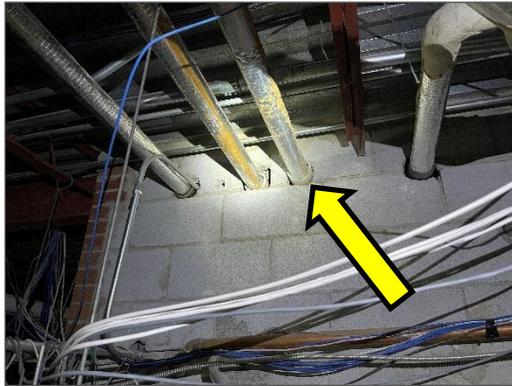


Photo 1

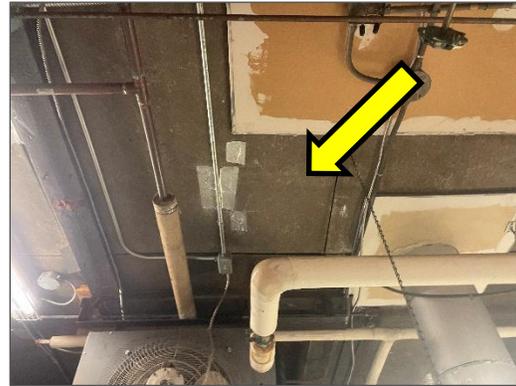


Photo 2



Photo 3

4.1.8 Vinyl Floor Tiles, Baseboard, and Stair Flooring

The following is a summary of vinyl floor tiles sampled.

Description	Sample Number	Asbestos (Flooring/ Mastic)	Photo
12"x12", beige with beige flecks	S0005	None detected / None detected	
Grey baseboard and mastic	Cover: S0006 Mastic: S0007	None detected / None detected	
18"x18", grey and peel stick	Tile: S0018 Mastic: S0019 and S0046	None detected / None detected	
3" vinyl baseboards and black mastic	S0042	None detected / None detected	
Brown remnant baseboard mastic	S0047	None detected	

Description	Sample Number	Asbestos (Flooring/ Mastic)	Photo
12"x12", tan with white and brown streaks	Tile: S0053 Mastic: S0017	Chrysotile / None detected	
12"x12", off-white with brown streaks	Tile: S0057 Mastic: S0031	None detected / None detected	
9"x9", green with white streaks	Tile: S0060 Mastic: S0020	Chrysotile / Chrysotile	
9"x9", brown with white streaks and grey with white and brown streaks	Tile: S0061 and S0062 Mastic: S0016	Chrysotile / None detected	

Description	Sample Number	Asbestos (Flooring/ Mastic)	Photo
9"x9", blue with white streaks	Tile: S0063 Mastic: S0015	Chrysotile / None detected	
9"x9", olive with white streaks	Tile: S0064 Mastic: S0014	Chrysotile / None detected	
12"x12", olive with white flecks	Tile: S0065 Mastic: S0011	Chrysotile / None detected	
12"x12", coffee with dark brown and white streaks	Tile: S0066 Mastic: S0008	Chrysotile / None detected	

Description	Sample Number	Asbestos (Flooring/ Mastic)	Photo
12"x12" brown with brown, white and black flecks	Tile: S0067 Mastic: S0002	None detected / Chrysotile	
12"x12", off-white with brown streaks	Tile: S0068 Mastic: S0031	Chrysotile / None detected	
12"x12", chocolate brown with white streaks	Tile: S0069 Mastic: S0137A-C	Chrysotile / None detected	
12"x12", beige with white streaks	Tile: S0072 Mastic: S0008	Chrysotile / None detected	

Description	Sample Number	Asbestos (Flooring/Mastic)	Photo
Black vinyl baseboards	Cover: S0095 Mastic: S0097	None detected / None detected	
12"x12", beige with orange streaks (Concealed under 18"x18", grey and peel stick)	S0124A-C	None detected / None detected Chrysotile / None detected	
9"x9", black with green and white streaks (Concealed under carpet)	S0131A-C	Chrysotile / None detected	
9"x9", red (Concealed under 12"x12", tan with white and brown streaks)	S0135A-C	Chrysotile / None detected / None detected	

Description	Sample Number	Asbestos (Flooring/Mastic)	Photo
9"x9", dark brown (Concealed under 12"x12", tan with white and brown streaks)	S0139A-C	Chrysotile / None detected	

4.1.9 Levelling Compound

The levelling compound associated with the non-asbestos 18" grey peel and stick vinyl floor tiles and mastic does not contain asbestos (samples S0019, photo 1).

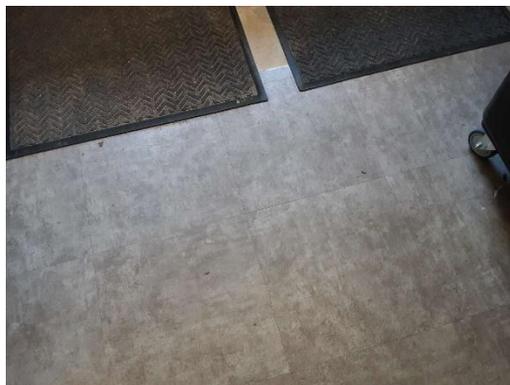
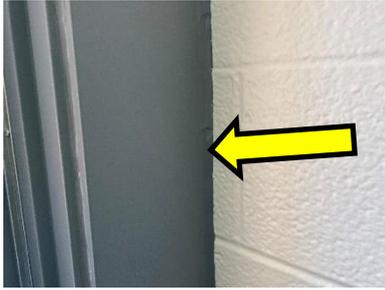


Photo 1

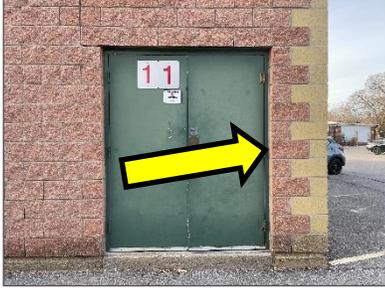
4.1.10 Sealants, Caulking, and Putty

The following is a summary of sealants, caulking, and putties sampled.

Material and Colour and Application	Sample Number	Asbestos Type	Photo
Caulking, beige on interior windows (1949, 1954, 1968 era)	S0022 S0023 S0035	None detected	

Material and Colour and Application	Sample Number	Asbestos Type	Photo
Caulking, grey on interior windows (1949, 1954 era)	S0024 S0107 S0108	None detected	
Caulking, white on interior door frames (1964 era)	S0025 S0109	None detected	
Caulking, brown on exterior windows and door frames (1949 era)	S0027 S0110	None detected	
Caulking, beige and grey on exterior windows (1954, 1968 era)	S0034 S0040 S0111	None detected	
Caulking, beige on exterior windows (1964 era)	S0037	Chrysotile	
Caulking, silver on interior windows (1964 era)	S0038	None detected	

Material and Colour and Application	Sample Number	Asbestos Type	Photo
Caulking, beige around doors (1968 era)	S0126A-C	None detected	
Caulking, beige around doors (1981 era)	S0136A-C	None detected	
Caulking, grey around doors (1949 era)	S0140A-C	None detected	
Caulking, grey around doors (1968 era)	S0141A-C	None detected	

Material and Colour and Application	Sample Number	Asbestos Type	Photo
Caulking, grey around doors (1981 era)	S0142A-C	None detected	

4.1.11 Paper, Textile and Board Products

Tar paper present on fiberglass insulation inside millwork on north and south wall of Classroom (Location 9) does not contain asbestos (samples S0092 and S0098, photo 1).

Black tar paper present on exterior brick in Classroom (Location 9) does not contain asbestos (samples S0093).

Fibrous board (millboard) present above 12"x12" glue-on ceiling tiles in Classroom (Location 9) does not contain asbestos (samples S0094).



Photo 1

4.1.12 Paint

Description/Location	Sample Number	Asbestos	Photo
Paint on concrete block (1968 era)	S0001	Chrysotile	
Paint on concrete block (1964 era)	S0013	Chrysotile	
Paint on concrete block (1981 era)	S0028	No	
Paint on concrete block filler paint (Isolated locations)	S0051	No	

Description/Location	Sample Number	Asbestos	Photo
Paint on concrete block filler paint (1981 era)	S0052	No	

4.1.13 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
Exterior brick mortar (1949, 1954, 1964, 1968 and 1981 eras)	S0026 S0032 S0033 S0036 S0039 S0114	None detected	
Concrete block mortar (1968 era)	S0048	None detected	
Concrete block mortar (1964 era)	S0049	None detected	

Description/Location	Sample Number	Asbestos	Photo
Concrete block mortar (1981 era)	S0050	None detected	

4.1.14 Other Building Materials

The following is a summary of other materials sampled.

Description	Sample Number	Asbestos	Photo
Grout and mortar under ceramic floor tiles	S0009 S0010	None detected	
Grout and mortar under ceramic floor tiles (1981 era)	S0029 S0030	None detected	
Carpet mastic	S0021	None detected	
Parging cement on lower exterior wall below brick	S0115	None detected	

Description	Sample Number	Asbestos	Photo
Blue cementitious (epoxy) flooring	S0116	None detected	
Yellow mastic on exterior walls	S0123A-C	None detected	
Gold sink mastic	S0125A-C	Chrysotile	
Tar over fiberglass panels	S0127A-C	None detected	
Black vapour barrier on wood	S0143A-C	None detected	

Description	Sample Number	Asbestos	Photo
Mastic/adhesive behind tackboards and blackboard	NA	Presumed	

4.1.15 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
- Moulded plastic components (laboratory bench tops)
- Refractory materials and insulations in boilers, incinerators and stacks
- Insulation under metal clad boilers and vessels
- Mechanical packing, ropes and gaskets
- Vermiculite
- Fire resistant doors
- Vibration dampers on HVAC equipment
- Terrazzo
- Ropes and gaskets in cast-iron bell and spigot joints
- Sealants on pipe threads

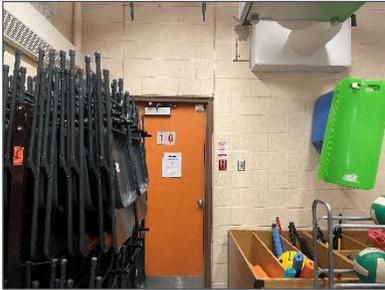
4.2 Lead

4.2.1 Paints and Surface Coatings

The following table summarizes the analytical results of paints sampled.

Sample Number	Colour, Substrate Description	Sample Location	Lead (%)	Photo
L0001	White, concrete block	Classroom / SERT Room (Location 1)	0.0054	
L0002	White, plaster	Classroom / SERT Room (Location 1)	0.024	
L0003	White, drywall	Classroom / SERT Room (Location 1)	<0.00023	
L0004	White, plaster	Corridor (Location 25)	0.00029	

Sample Number	Colour, Substrate Description	Sample Location	Lead (%)	Photo
L0005	Light blue, drywall	Classroom (Location 8)	0.0015	
L0006	Brown, drywall	Library (Location 17)	0.0010	
L0007	Light brown, plaster	Library (Location 17)	0.037	
L0008	Beige, wood	Classroom (Location 4)	0.084	

Sample Number	Colour, Substrate Description	Sample Location	Lead (%)	Photo
L0009	Light grey, drywall	Classroom (Location 7)	0.053	
L0010	Cream, concrete block	Gymnasium (Location 31)	0.0021	
L0011	Red primer on structural steel	Corridor (Location 25)	0.11	
L0012	Red primer on structural steel	Classroom (Location 2)	0.22	

Sample Number	Colour, Substrate Description	Sample Location	Lead (%)	Photo
L0014	Red primer on structural steel	Corridor (Location 24)	<0.00093	
L0015	Red primer on structural steel	Classroom (Location 9)	0.10	

Results above 0.1% (1,000 mg/kg) are considered lead-containing.

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

Results above 0.009% (90 mg/kg) are considered lead-containing.

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
- Glazing on ceramic tiles
- Lead shielding

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.

4.4.2 *Mercury-Containing Devices*

Mercury is present as a liquid in thermostats ampules (photo 1).

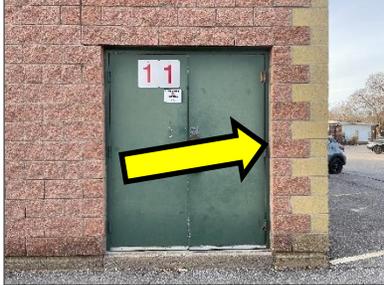


Photo 1

4.5 Polychlorinated Biphenyls

4.5.1 Caulking and Sealants

The following table presents a summary of caulking sampled:

Material, Colour, Application	Sample Location (Location #)	Sample Number	PCB (mg/kg)	Photo
Caulking,	Exterior (Location 1968)	P0001	0.8	
Caulking,	Exterior (Location 1949) Around door 6	P0002	<0.2	
Caulking,	Exterior (Location 1981)	P0003	<30	

The material is a non-PCB solid based on the threshold (50 mg/kg).

4.5.2 Lighting Ballasts

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

Based on date of construction and confirmed by 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.



4.5.3 Transformers

Transformers were not found during the assessment.

4.5.4 Excluded PCB Materials

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

- Capacitors within or associated with electrical equipment
- Oil impregnated cables

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 scope of work or performance specifications for hazardous material removal required for the planned work. The specifications should include safe work practices, personal protective equipment, respiratory protection, and disposal of waste materials.
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. Conduct further investigation of the following items, areas, or locations, which were not completed during this assessment:
 - a. Any items listed as exclusions in this report, prior to disturbance.
4. Provide this report and the detailed plans and specifications to the contractor prior to bidding or commencing work.
5. Retain a qualified consultant to specify, observe and document the successful removal of hazardous materials.
6. Update the asbestos inventory upon completion of the abatement and removal of asbestos-containing materials and any other relevant findings.

5.2 Remedial Work

Remedial work is not recommended.



5.3 Building Renovation Work

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

5.3.1 Asbestos

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

5.3.2 Lead

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

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

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

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

5.3.3 Silica

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



5.3.4 Mercury

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

5.3.5 PCBs

As light fixtures are removed from service, examine light ballasts for PCB content. If ballasts are not clearly labelled as “non-PCB” or are suspected to contain PCBs, package, and ship ballasts for destruction at a federally permitted facility. As per the PCB Regulation (SOR/2008-273), all PCB light ballasts must be removed from service and properly disposed of by December 31, 2025.

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:

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.



Hazardous Building Materials Assessment (Pre-construction)

Glen Williams Public School, 512 Main Street, Glen Williams, Ontario
Halton District School Board

June 23, 2025
Pinchin File: 352316.003

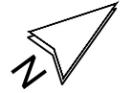
9. PCB Regulations, SOR/2008-273, Canadian Environmental Protection Act.
10. Surface Coating Materials Regulations, SOR/2016-193, Canada Consumer Product Safety Act.
11. Consolidated Transportation of Dangerous Goods Regulations, including Amendment SOR/2019-101, Transportation of Dangerous Goods Act.
12. Mould Guidelines for the Canadian Construction Industry, Standard Construction Document CCA 82 – 2004 (Revised 2018), Canadian Construction Association.

\\PIN-HAM-FS02\job\352000s\0352316.000 HALTONDISTRICT,2025Projects,HAZ,CONS\0352316.003
HDSB,GlenWilliamsPS,512MainSt,HAZ,ASSMT\Deliverables\HBMA\352316.003 HBMA Report Glen Williams PS 512 Main St HDSB June 23 2025.docx

Template: Master Report for Hazardous Materials Assessment (Pre-Construction), HAZ, June 19, 2024

APPENDIX I
Drawings

- PHASE A - 1949 ORIGINAL
- PHASE B - 1954 ADDITION
- PHASE C - 1964 ADDITION
- PHASE D - 1968 ADDITION
- PHASE E - 1981 ADDITION
- PHASE F - 2000s ADDITION (2004, 2018, 2020)



LEGEND

- (X) PINCHIN LOCATION NUMBER
- ▭ OUTSIDE ASSESSMENT SCOPE
- ⊙ ASBESTOS BULK SAMPLE
- ▲ LEAD BULK SAMPLE
- ▣ PCB BULK SAMPLE

ASBESTOS-CONTAINING MATERIALS:

- PI PIPE INSULATION
- TR TRANSITE
- PL PLASTER
- JC DRYWALL JOINT COMPOUND
- FP BLOCK FILLER/PAINT
- CK CAULKING
- SM SINK MASTIC
- MASTIC
- VINYL FLOOR TILES & MASTIC
- VINYL FLOOR TILES

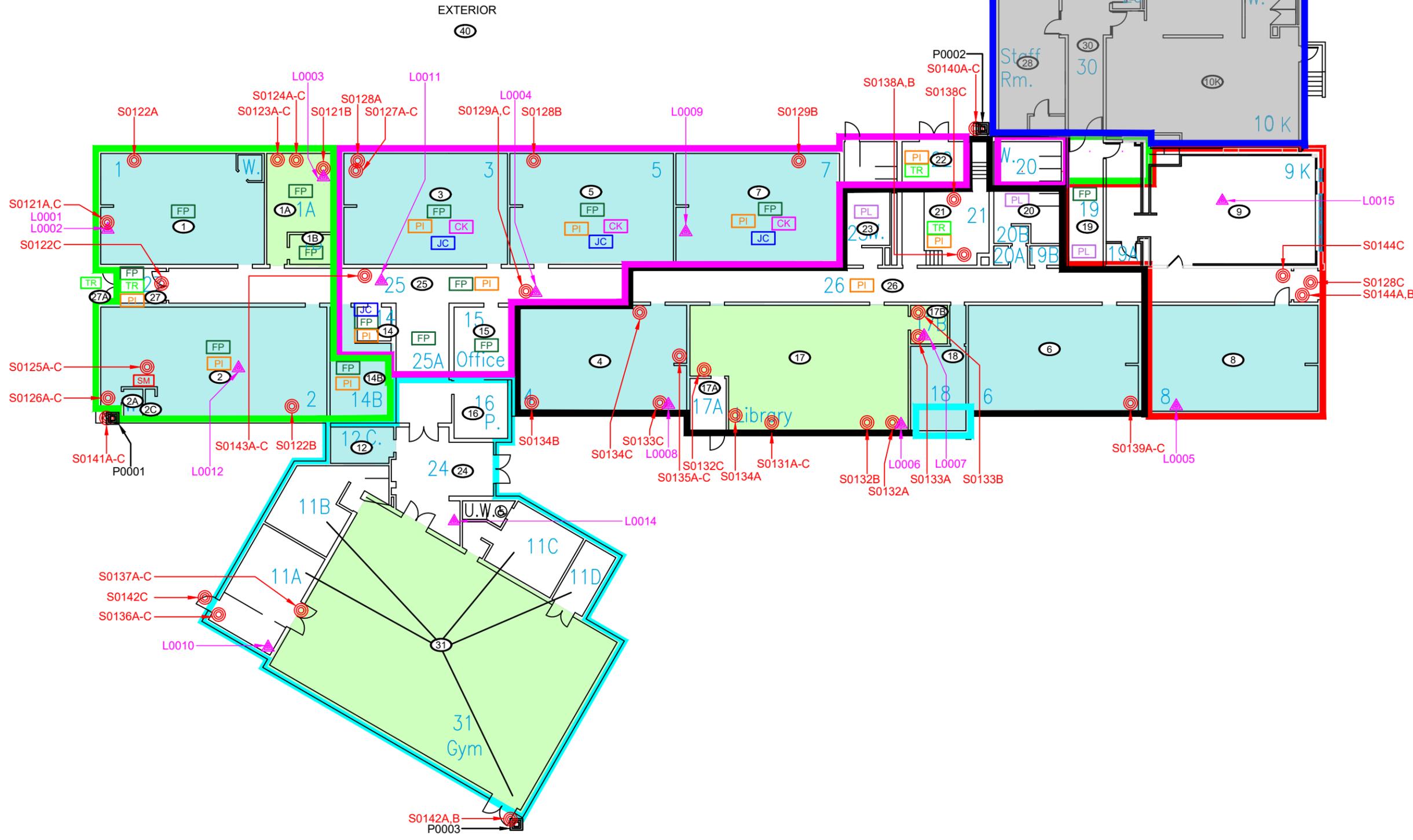
FOR CLARITY, THE FOLLOWING ASBESTOS-CONTAINING MATERIALS, ARE PRESENT IN THE ASSESSED AREA, BUT HAVE NOT BEEN HATCHED ON THE DRAWING:

- CONCEALED PIPE INSULATION
- ADHESIVE AND MASTIC BEHIND BLACKBOARDS AND TACKBOARDS

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

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

BASE PLAN PROVIDED BY CLIENT.



PROJECT NAME:
HAZARDOUS BUILDING MATERIALS ASSESSMENT

CLIENT NAME:
HALTON DISTRICT SCHOOL BOARD

PROJECT LOCATION:
**GLEN WILLIAMS PUBLIC SCHOOL
512 MAIN STREET
GEORGETOWN, ONTARIO**

FIGURE NAME:
MAIN FLOOR

PROJECT NUMBER: 352316.003	SCALE: NOT TO SCALE
DRAWN BY: IG	REVIEWED BY: AA
DATE: JUNE 2025	FIGURE NUMBER: 1 OF 1

APPENDIX II-A
Asbestos Analytical Certificates



Your P.O. #: Glen Williams PS
 Your Project #: 352316.003
 Site Location: ON
 Your C.O.C. #: 1025928

Attention: Pinchin Asbestos Lab

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

Report Date: 2025/04/10
 Report #: R8518405
 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C537441

Received: 2025/04/04, 14:54

Sample Matrix: Solid
 # Samples Received: 69

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Asbestos by PLM - 0.5 RDL (1)	63	N/A	2025/04/10	COR3SOP-00002	EPA 600R-93/116
Asbestos by PLM - 0.5 RDL (1)	6	N/A	2025/04/09	COR3SOP-00002	EPA 600R-93/116

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.

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

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Bureau Veritas' scope of accreditation includes EPA -- 40 CFR Appendix E to Subpart E of Part 763, "Interim Method for the Determination of Asbestos in Bulk Insulation Samples" and EPA-600/R-93/116: "Method for the Determination of Asbestos in Bulk Building Materials".

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

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



Your P.O. #: Glen Williams PS
Your Project #: 352316.003
Site Location: ON
Your C.O.C. #: 1025928

Attention: Pinchin Asbestos Lab

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

Report Date: 2025/04/10
Report #: R8518405
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C537441

Received: 2025/04/04, 14:54

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

When Asbestos data is reported with other data, this report contains data that are not covered by the NVLAP accreditation.

Encryption Key

Please direct all questions regarding this Certificate of Analysis to:

Nilushi Mahathantila, Project Manager
Email: Nilushi.Mahathantila@bureauveritas.com
Phone# (905) 817-5700

=====

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Bureau Veritas Job #: C537441
 Report Date: 2025/04/10

Pinchin Ltd
 Client Project #: 352316.003
 Site Location: ON
 Your P.O. #: Glen Williams PS
 Sampler Initials: JC

Asbestos Analytical Results

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

S0121A,Wall,Bulkhead,Plaster,Loc:1,Classroom/SERT Room					
Bureau Veritas ID: APOZ45		Date Analyzed: 2025/04/09			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	60	Homogeneous white plaster	Not Detected		Non-Fibrous
Layer 2	40	Homogeneous grey plaster	Not Detected		Non-Fibrous

S0121B,Wall,Plaster,1a,Loc:1,Classroom/SERT Room					
Bureau Veritas ID: APOZ46		Date Analyzed: 2025/04/09			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	60	Homogeneous white plaster	Not Detected		Non-Fibrous
Layer 2	40	Homogeneous grey plaster	Not Detected		Non-Fibrous

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

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



Asbestos Analytical Results

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

S0121C,Wall,Bulkhead,Plaster,Loc:1,Classroom/SERT Room					
Bureau Veritas ID: APOZ47					
Date Analyzed: 2025/04/09					
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	60	Homogeneous white plaster	Not Detected		Non-Fibrous
Layer 2	40	Homogeneous grey plaster	Not Detected		Non-Fibrous

S0122A,Wall,Drywall And Joint Compound,On Exterior Wall,Loc:1,Classroom/SERT Room					
Bureau Veritas ID: APOZ48					
Date Analyzed: 2025/04/09					
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white drywall joint compound	Not Detected		Non-Fibrous

S0122B,Wall,Bulkhead,Drywall And Joint Compound,Loc:2,Classroom					
Bureau Veritas ID: APOZ49					
Date Analyzed: 2025/04/09					
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white drywall joint compound	Not Detected		Non-Fibrous

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

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



Bureau Veritas Job #: C537441
 Report Date: 2025/04/10

Pinchin Ltd
 Client Project #: 352316.003
 Site Location: ON
 Your P.O. #: Glen Williams PS
 Sampler Initials: JC

Asbestos Analytical Results

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

S0122C,Wall,Bulkhead,Drywall And Joint Compound,Loc:25,Corridor					
Bureau Veritas ID: APOZ50		Date Analyzed: 2025/04/09			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white drywall joint compound	Not Detected		Non-Fibrous

S0123A,Wall,Exterior,Adhesive/mastic,1a,Loc:1,Classroom/SERT Room					
Bureau Veritas ID: APOZ51		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous yellow mastic	Not Detected		Non-Fibrous

S0123B,Wall,Exterior,Adhesive/mastic,1a,Loc:1,Classroom/SERT Room					
Bureau Veritas ID: APOZ52		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous yellow mastic	Not Detected		Non-Fibrous

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

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



Bureau Veritas Job #: C537441
 Report Date: 2025/04/10

Pinchin Ltd
 Client Project #: 352316.003
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 Your P.O. #: Glen Williams PS
 Sampler Initials: JC

Asbestos Analytical Results

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

S0123C,Wall,Exterior,Adhesive/mastic,1a,Loc:1,Classroom/SERT Room					
Bureau Veritas ID: APOZ53		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous yellow mastic	Not Detected		Non-Fibrous

S0124A,Floor,Vinyl Floor Tile And Mastic,12"x12" Beige With Orange Streak,Loc:1,Classroom/SERT Room					
Bureau Veritas ID: APOZ54		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	10	Homogeneous colourless mastic	Not Detected		Non-Fibrous
Layer 2	5	Homogeneous grey levelling compound	Not Detected		Non-Fibrous
Layer 3	80	Homogeneous beige vinyl floor tile	Chrysotile 1%		Non-Fibrous
Layer 4	5	Homogeneous black mastic	Not Detected		Non-Fibrous

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

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



Bureau Veritas Job #: C537441
 Report Date: 2025/04/10

Pinchin Ltd
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 Sampler Initials: JC

Asbestos Analytical Results

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

**S0124B,Floor,Vinyl Floor Tile And Mastic,12"x12"
 Beige With Orange Streak,Loc:1,Classroom/SERT
 Room**

Bureau Veritas ID: APOZ55

Date Analyzed: 2025/04/10

	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	10	Non-homogeneous colourless/black mastic	Not Detected		Non-Fibrous
Layer 2	5	Homogeneous grey levelling compound	Not Detected		Non-Fibrous
Layer 3	80	Homogeneous beige vinyl floor tile	N/A		
		Comment: Not Analyzed - Positive Stop			
Layer 4	5	Homogeneous black mastic	Not Detected		Non-Fibrous

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

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



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 Report Date: 2025/04/10

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 Sampler Initials: JC

Asbestos Analytical Results

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

S0124C,Floor,Vinyl Floor Tile And Mastic,12"x12" Beige With Orange Streak,Loc:1,Classroom/SERT Room					
Bureau Veritas ID: APOZ56		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	10	Non-homogeneous colourless/black mastic	Not Detected		Non-Fibrous
Layer 2	5	Homogeneous grey levelling compound	Not Detected		Non-Fibrous
Layer 3	83	Homogeneous beige vinyl floor tile Comment: Not Analyzed - Positive Stop	N/A		
Layer 4	2	Homogeneous black mastic Comment: Layer is small in size	Not Detected		Non-Fibrous

S0125A,Sink,Mastic, Gold,Loc:2,Classroom					
Bureau Veritas ID: APOZ57		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous gold mastic	Chrysotile 2%		Non-Fibrous

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

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



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Bureau Veritas Job #: C537441
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Pinchin Ltd
Client Project #: 352316.003
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Asbestos Analytical Results

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

S0125B,Sink,Mastic, Gold,Loc:2,Classroom					
Bureau Veritas ID: APOZ58		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1			N/A		
Comment: Not Analyzed - Positive Stop					

S0125C,Sink,Mastic, Gold,Loc:2,Classroom					
Bureau Veritas ID: APOZ59		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1			N/A		
Comment: Not Analyzed - Positive Stop					

S0126A,Door,Caulking,Door Panel,Loc:2,Classroom					
Bureau Veritas ID: APOZ60		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous beige caulking	Not Detected		Non-Fibrous

S0126B,Door,Caulking,Door Panel,Loc:2,Classroom					
Bureau Veritas ID: APOZ61		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous beige caulking	Not Detected		Non-Fibrous

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

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



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Pinchin Ltd
 Client Project #: 352316.003
 Site Location: ON
 Your P.O. #: Glen Williams PS
 Sampler Initials: JC

Asbestos Analytical Results

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

S0126C,Door,Caulking,Door Panel,Loc:2,Classroom						
Bureau Veritas ID: APOZ62		Date Analyzed: 2025/04/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>	
Layer 1	100	Homogeneous beige caulking	Not Detected		Non-Fibrous	

S0127A,Wall,Tar,Over Fiberglass Panel, Exterior Wall In Millwork,Loc:3,Classroom						
Bureau Veritas ID: APOZ63		Date Analyzed: 2025/04/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>	
Layer 1	60	Homogeneous black tar	Not Detected		Non-Fibrous	
	Comment:	Fibre glass is present				
Layer 2	40	Homogeneous brown paper	Not Detected	Cellulose	60%	Non-Fibrous

S0127B,Wall,Tar,Over Fiberglass Panel, Exterior Wall In Millwork,Loc:3,Classroom						
Bureau Veritas ID: APOZ64		Date Analyzed: 2025/04/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>	
Layer 1	60	Homogeneous black tar	Not Detected		Non-Fibrous	
	Comment:	Fibre glass is present				
Layer 2	40	Homogeneous brown paper	Not Detected	Cellulose	60%	Non-Fibrous

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

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



Bureau Veritas Job #: C537441
 Report Date: 2025/04/10

Pinchin Ltd
 Client Project #: 352316.003
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Asbestos Analytical Results

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

S0127C,Wall,Tar,Over Fiberglass Panel, Exterior Wall In Millwork,Loc:3,Classroom						
Bureau Veritas ID: APOZ65		Date Analyzed: 2025/04/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	60	Homogeneous black tar Comment: Fibre glass is present	Not Detected			Non-Fibrous
Layer 2	40	Homogeneous brown paper	Not Detected	Cellulose	60%	Non-Fibrous

S0128A,Piping,Tar Paper,Exterior Wall,Loc:3,Classroom						
Bureau Veritas ID: APOZ66		Date Analyzed: 2025/04/09				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	100	Homogeneous black tar paper	Not Detected	Cellulose	60%	Non-Fibrous
				Glass Fibres	10%	

S0128B,Piping,Tar Paper,Loc:5,Classroom						
Bureau Veritas ID: APOZ67		Date Analyzed: 2025/04/09				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	100	Homogeneous black tar paper	Not Detected	Cellulose	60%	Non-Fibrous
				Glass Fibres	10%	

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

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



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Asbestos Analytical Results

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

S0128C,Piping,Tar Paper,Loc:26,Corridor						
Bureau Veritas ID: APOZ68		Date Analyzed: 2025/04/09				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	100	Homogeneous brown paper	Not Detected	Cellulose	60%	Non-Fibrous
				Glass Fibres	10%	

S0129A,Wall,Plaster,Loc:25,Corridor						
Bureau Veritas ID: APOZ69		Date Analyzed: 2025/04/09				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	60	Homogeneous white plaster	Not Detected			Non-Fibrous
Layer 2	40	Homogeneous grey plaster	Not Detected			Non-Fibrous

S0129B,Wall,Plaster,Loc:7,Classroom						
Bureau Veritas ID: APOZ70		Date Analyzed: 2025/04/09				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	60	Homogeneous white plaster	Not Detected			Non-Fibrous
Layer 2	40	Homogeneous grey plaster	Not Detected			Non-Fibrous

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

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



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Pinchin Ltd
 Client Project #: 352316.003
 Site Location: ON
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 Sampler Initials: JC

Asbestos Analytical Results

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

S0129C, Wall, Plaster, Loc:25, Corridor						
Bureau Veritas ID: APOZ71		Date Analyzed: 2025/04/09				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>	
Layer 1	60	Homogeneous white plaster	Not Detected		Non-Fibrous	
Layer 2	40	Homogeneous grey plaster	Not Detected		Non-Fibrous	

S0131A, Floor, Vinyl Floor Tile And Mastic, 9x9 Black With Green And White Streaks, Loc:17, Library						
Bureau Veritas ID: APOZ72		Date Analyzed: 2025/04/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>	
Layer 1	95	Homogeneous black vinyl floor tile	Chrysotile 2%		Non-Fibrous	
Layer 2	5	Homogeneous beige mastic	Not Detected		Non-Fibrous	

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

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



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Asbestos Analytical Results

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

S0131B,Floor,Vinyl Floor Tile And Mastic,9x9 Black With Green And White Streaks,Loc:17,Library					
Bureau Veritas ID: APOZ73		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	95	Homogeneous black vinyl floor tile	N/A		
	Comment: Not Analyzed - Positive Stop				
Layer 2	5	Homogeneous black mastic	Not Detected		Non-Fibrous

S0131C,Floor,Vinyl Floor Tile And Mastic,9x9 Black With Green And White Streaks,Loc:17,Library					
Bureau Veritas ID: APOZ74		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	95	Homogeneous black vinyl floor tile	N/A		
	Comment: Not Analyzed - Positive Stop				
Layer 2	5	Homogeneous black mastic	Not Detected		Non-Fibrous

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

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



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Asbestos Analytical Results

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

S0132A,Wall,Drywall And Joint Compound,Loc:17,Library					
Bureau Veritas ID: APOZ75		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white drywall joint compound	Not Detected		Non-Fibrous

S0132B,Wall,Drywall And Joint Compound,Loc:17,Library					
Bureau Veritas ID: APOZ76		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white drywall joint compound	Not Detected		Non-Fibrous

S0132C,Wall,Drywall And Joint Compound,Loc:17,Library					
Bureau Veritas ID: APOZ77		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white drywall joint compound	Not Detected		Non-Fibrous

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

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



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 Report Date: 2025/04/10

Pinchin Ltd
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 Sampler Initials: JC

Asbestos Analytical Results

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

S0133A, Wall, Plaster, Loc:17, Library					
Bureau Veritas ID: APOZ78		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	90	Homogeneous white plaster	Not Detected		Non-Fibrous
Layer 2	10	Homogeneous grey plaster	Not Detected		Non-Fibrous

S0133B, Wall, Plaster, Loc:17, Library					
Bureau Veritas ID: APOZ79		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	70	Homogeneous white plaster	Not Detected		Non-Fibrous
Layer 2	30	Homogeneous grey plaster	Not Detected		Non-Fibrous

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

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



Bureau Veritas Job #: C537441
 Report Date: 2025/04/10

Pinchin Ltd
 Client Project #: 352316.003
 Site Location: ON
 Your P.O. #: Glen Williams PS
 Sampler Initials: JC

Asbestos Analytical Results

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

S0133C, Wall, Plaster, Loc:4, Classroom					
Bureau Veritas ID: APOZ80		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	70	Homogeneous white plaster	Not Detected		Non-Fibrous
Layer 2	30	Homogeneous grey plaster	Not Detected		Non-Fibrous

S0134A, Wall, Plaster, Single Layer On Dw Lath, Loc:17, Library					
Bureau Veritas ID: APOZ81		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white plaster	Not Detected		Non-Fibrous

S0134B, Wall, Plaster, Loc:4, Classroom					
Bureau Veritas ID: APOZ82		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white plaster	Not Detected		Non-Fibrous

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

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



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Asbestos Analytical Results

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

S0134C,Wall,Plaster,Loc:4,Classroom					
Bureau Veritas ID: APOZ83		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white plaster	Not Detected		Non-Fibrous

S0135A,Floor,Vinyl Floor Tile And Mastic,9x9 Red,Loc:4,Classroom					
Bureau Veritas ID: APOZ84		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	90	Homogeneous red vinyl floor tile	Chrysotile 2%		Non-Fibrous
Layer 2	5	Homogeneous black mastic	Not Detected		Non-Fibrous
Layer 3	5	Homogeneous beige mastic	Not Detected		Non-Fibrous

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

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



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 Client Project #: 352316.003
 Site Location: ON
 Your P.O. #: Glen Williams PS
 Sampler Initials: JC

Asbestos Analytical Results

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

S0135B,Floor,Vinyl Floor Tile And Mastic,9x9					
Red,Loc:4,Classroom					
Bureau Veritas ID: APOZ85		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	90	Homogeneous red vinyl floor tile	N/A		
	Comment: Not Analyzed - Positive Stop				
Layer 2	5	Homogeneous black mastic	Not Detected		Non-Fibrous
Layer 3	5	Homogeneous beige mastic	Not Detected		Non-Fibrous

S0135C,Floor,Vinyl Floor Tile And Mastic,9x9					
Red,Loc:4,Classroom					
Bureau Veritas ID: APOZ86		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	90	Homogeneous red vinyl floor tile	N/A		
	Comment: Not Analyzed - Positive Stop				
Layer 2	5	Homogeneous black mastic	Not Detected		Non-Fibrous
Layer 3	5	Homogeneous beige mastic	Not Detected		Non-Fibrous

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

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



Bureau Veritas Job #: C537441
 Report Date: 2025/04/10

Pinchin Ltd
 Client Project #: 352316.003
 Site Location: ON
 Your P.O. #: Glen Williams PS
 Sampler Initials: JC

Asbestos Analytical Results

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

S0136A, Wall, Door, Caulking, Loc:31, Gymnasium					
Bureau Veritas ID: APOZ87		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous beige caulking	Not Detected		Non-Fibrous

S0136B, Wall, Door, Caulking, Loc:31, Gymnasium					
Bureau Veritas ID: APOZ88		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous beige caulking	Not Detected		Non-Fibrous

S0136C, Wall, Door, Caulking, Loc:31, Gymnasium					
Bureau Veritas ID: APOZ89		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous beige caulking	Not Detected		Non-Fibrous

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

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



Bureau Veritas Job #: C537441
 Report Date: 2025/04/10

Pinchin Ltd
 Client Project #: 352316.003
 Site Location: ON
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 Sampler Initials: JC

Asbestos Analytical Results

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

S0137A,Floor,Mastic,Mastic Under 12"x12"					
Chocolate Brown With White Streaks,Loc:31,Gymnasium					
Bureau Veritas ID:		APOZ90	Date Analyzed:		2025/04/10
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous black mastic	Not Detected		Non-Fibrous

S0137B,Floor,Mastic,Mastic Under 12"x12"					
Chocolate Brown With White Streaks,Loc:31,Gymnasium					
Bureau Veritas ID:		APOZ91	Date Analyzed:		2025/04/10
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous black mastic	Not Detected		Non-Fibrous

S0137C,Floor,Mastic,Mastic Under 12"x12"					
Chocolate Brown With White Streaks,Loc:31,Gymnasium					
Bureau Veritas ID:		APOZ92	Date Analyzed:		2025/04/10
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous black mastic	Not Detected		Non-Fibrous

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

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



Bureau Veritas Job #: C537441
 Report Date: 2025/04/10

Pinchin Ltd
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Asbestos Analytical Results

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

S0138A,Piping,Sweatwrap,Loc:21,Mechanical Room					
Bureau Veritas ID: APOZ93		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>		<u>Particulate</u>
Layer 1	100	Homogeneous grey sweatwrap	Chrysotile	60%	Non-Fibrous

S0138B,Piping,Sweatwrap,Loc:21,Mechanical Room					
Bureau Veritas ID: APOZ94		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>		<u>Particulate</u>
Layer 1			N/A		
Comment: Not Analyzed - Positive Stop					

S0138C,Piping,Sweatwrap,Loc:21,Mechanical Room					
Bureau Veritas ID: APOZ95		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>		<u>Particulate</u>
Layer 1			N/A		
Comment: Not Analyzed - Positive Stop					

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

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



Bureau Veritas Job #: C537441
 Report Date: 2025/04/10

Pinchin Ltd
 Client Project #: 352316.003
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Asbestos Analytical Results

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

S0139A, Floor, Vinyl Floor Tile And Mastic, 9x9 Dark Brown, Loc: 6, Classroom					
Bureau Veritas ID: APOZ96		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	95	Homogeneous dark brown vinyl floor tile	Chrysotile 2%		Non-Fibrous
Layer 2	5	Homogeneous beige mastic	Not Detected		Non-Fibrous

S0139B, Floor, Vinyl Floor Tile And Mastic, 9x9 Dark Brown, Loc: 6, Classroom					
Bureau Veritas ID: APOZ97		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	95	Homogeneous dark brown brown Comment: Not Analyzed - Positive Stop	N/A		
Layer 2	5	Homogeneous beige mastic	Not Detected		Non-Fibrous

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

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



Bureau Veritas Job #: C537441
 Report Date: 2025/04/10

Pinchin Ltd
 Client Project #: 352316.003
 Site Location: ON
 Your P.O. #: Glen Williams PS
 Sampler Initials: JC

Asbestos Analytical Results

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

S0139C,Floor,Vinyl Floor Tile And Mastic,9x9 Dark Brown,Loc:6,Classroom					
Bureau Veritas ID: APOZ98		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	95	Homogeneous dark brown brown	N/A		
Comment: Not Analyzed - Positive Stop					
Layer 2	5	Homogeneous beige mastic	Not Detected		Non-Fibrous

S0140A,Wall,Door,Caulking,Exterior Door 6,Loc:1949,1949 Era					
Bureau Veritas ID: APOZ99		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous gery caulking	Not Detected		Non-Fibrous

S0140B,Wall,Door,Caulking,Exterior Door 6,Loc:1949,1949 Era					
Bureau Veritas ID: APPA00		Date Analyzed: 2025/04/10			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous gery caulking	Not Detected		Non-Fibrous

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

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



Bureau Veritas Job #: C537441
 Report Date: 2025/04/10

Pinchin Ltd
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Asbestos Analytical Results

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

S0140C,Wall,Door,Caulking,Exterior Door						
6,Loc:1949,1949 Era						
Bureau Veritas ID: APPA01		Date Analyzed: 2025/04/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>	
Layer 1	100	Homogeneous gery caulking	Not Detected		Non-Fibrous	

S0141A,Wall,Door Frame,Caulking,Loc:1968,1968 Era						
Bureau Veritas ID: APPA02		Date Analyzed: 2025/04/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>	
Layer 1	100	Homogeneous grey caulking	Not Detected	Wollastonite 2%	Non-Fibrous	

S0141B,Wall,Door Frame,Caulking,Loc:1968,1968 Era						
Bureau Veritas ID: APPA03		Date Analyzed: 2025/04/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>	
Layer 1	100	Homogeneous grey caulking	Not Detected	Wollastonite 2%	Non-Fibrous	

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

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



Bureau Veritas Job #: C537441
 Report Date: 2025/04/10

Pinchin Ltd
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 Sampler Initials: JC

Asbestos Analytical Results

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

S0141C,Wall,Door Frame,Caulking,Loc:1968,1968						
Era						
Bureau Veritas ID:	APPA04				Date Analyzed:	2025/04/10
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	100	Homogeneous grey caulking	Not Detected	Wollastonite	2%	Non-Fibrous

S0142A,Wall,Door Frame,Caulking,Loc:1981,1981						
Era						
Bureau Veritas ID:	APPA05				Date Analyzed:	2025/04/10
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	100	Homogeneous grey caulking	Not Detected	Wollastonite	2%	Non-Fibrous

S0142B,Wall,Door Frame,Caulking,Loc:1981,1981						
Era						
Bureau Veritas ID:	APPA06				Date Analyzed:	2025/04/10
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	100	Homogeneous grey caulking	Not Detected	Wollastonite	2%	Non-Fibrous

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

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



Bureau Veritas Job #: C537441
 Report Date: 2025/04/10

Pinchin Ltd
 Client Project #: 352316.003
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 Sampler Initials: JC

Asbestos Analytical Results

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

S0142C,Wall,Door Frame,Caulking,Loc:1981,1981						
Era						
Bureau Veritas ID:	APPA07				Date Analyzed:	2025/04/10
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	100	Homogeneous grey caulking	Not Detected	Wollastonite	2%	Non-Fibrous

S0143A,Wall,Wood,Vapour Barrier On Wood,Loc:25,Corridor						
Era						
Bureau Veritas ID:	APPA08				Date Analyzed:	2025/04/10
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	100	Homogeneous black vapour barrier	Not Detected	Cellulose	60%	Non-Fibrous

S0143B,Wall,Wood,Vapour Barrier On Wood,Loc:25,Corridor						
Era						
Bureau Veritas ID:	APPA09				Date Analyzed:	2025/04/10
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	100	Homogeneous black vapour barrier	Not Detected	Cellulose	60%	Non-Fibrous

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

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



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 Report Date: 2025/04/10

Pinchin Ltd
 Client Project #: 352316.003
 Site Location: ON
 Your P.O. #: Glen Williams PS
 Sampler Initials: JC

Asbestos Analytical Results

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

S0143C,Wall,Wood,Vapour Barrier On Wood,Loc:25,Corridor						
Bureau Veritas ID: APPA10		Date Analyzed: 2025/04/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	100	Homogeneous black vapour barrier	Not Detected	Cellulose	60%	Non-Fibrous

S0144A,Wall,Plaster,1954 Section - Single Layer Plaster,Loc:26,Corridor						
Bureau Veritas ID: APPA11		Date Analyzed: 2025/04/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	100	Homogeneous white drywall joint compound	Not Detected			Non-Fibrous

S0144B,Wall,Plaster,1954 Section - Single Layer Plaster,Loc:26,Corridor						
Bureau Veritas ID: APPA12		Date Analyzed: 2025/04/10				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>		<u>Particulate</u>
Layer 1	30	Homogeneous white drywall joint compound	Not Detected			Non-Fibrous
Layer 2	70	Homogeneous off-white drywall joint compound	Not Detected			Non-Fibrous

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

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



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Pinchin Ltd
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Asbestos Analytical Results

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

S0144C,Wall,Plaster,1954 Section - Single Layer Plaster,Loc:26,Corridor					
Bureau Veritas ID:		APPA13	Date Analyzed:		2025/04/10
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous white drywall joint compound	Not Detected		Non-Fibrous

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

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



BUREAU
VERITAS

Bureau Veritas Job #: C537441
Report Date: 2025/04/10

Pinchin Ltd
Client Project #: 352316.003
Site Location: ON
Your P.O. #: Glen Williams PS
Sampler Initials: JC

TEST SUMMARY

Bureau Veritas ID: APOZ45
Sample ID: S0121A,Wall,Bulkhead,Plaster,Loc:1,Classroom/SERT Room
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907013	N/A	2025/04/10	Rodel Ligoyligoy

Bureau Veritas ID: APOZ46
Sample ID: S0121B,Wall,Plaster,1a,Loc:1,Classroom/SERT Room
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907013	N/A	2025/04/10	Rodel Ligoyligoy

Bureau Veritas ID: APOZ47
Sample ID: S0121C,Wall,Bulkhead,Plaster,Loc:1,Classroom/SERT Room
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907013	N/A	2025/04/10	Rodel Ligoyligoy

Bureau Veritas ID: APOZ48
Sample ID: S0122A,Wall,Drywall And Joint Compound,On Exterior Wall,Loc:1,Classroom/SERT Room
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907013	N/A	2025/04/10	Rodel Ligoyligoy

Bureau Veritas ID: APOZ48 Dup
Sample ID: S0122A,Wall,Drywall And Joint Compound,On Exterior Wall,Loc:1,Classroom/SERT Room
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907013	N/A	2025/04/10	Rodel Ligoyligoy

Bureau Veritas ID: APOZ49
Sample ID: S0122B,Wall,Bulkhead,Drywall And Joint Compound,Loc:2,Classroom
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907013	N/A	2025/04/10	Rodel Ligoyligoy

Bureau Veritas ID: APOZ50
Sample ID: S0122C,Wall,Bulkhead,Drywall And Joint Compound,Loc:25,Corridor
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907013	N/A	2025/04/10	Rodel Ligoyligoy



BUREAU
VERITAS

Bureau Veritas Job #: C537441
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Pinchin Ltd
Client Project #: 352316.003
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Sampler Initials: JC

TEST SUMMARY

Bureau Veritas ID: APOZ51
Sample ID: S0123A,Wall,Exterior,Adhesive/mastic,1a,Loc:1,Classroom/SERT Room
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907013	N/A	2025/04/10	Rodel Ligoyligoy

Bureau Veritas ID: APOZ52
Sample ID: S0123B,Wall,Exterior,Adhesive/mastic,1a,Loc:1,Classroom/SERT Room
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907013	N/A	2025/04/10	Rodel Ligoyligoy

Bureau Veritas ID: APOZ53
Sample ID: S0123C,Wall,Exterior,Adhesive/mastic,1a,Loc:1,Classroom/SERT Room
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907013	N/A	2025/04/10	Rodel Ligoyligoy

Bureau Veritas ID: APOZ54
Sample ID: S0124A,Floor,Vinyl Floor Tile And Mastic,12"x12" Beige With Orange Streak,Loc:1,Classroom/SERT Room
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907013	N/A	2025/04/10	Rodel Ligoyligoy

Bureau Veritas ID: APOZ55
Sample ID: S0124B,Floor,Vinyl Floor Tile And Mastic,12"x12" Beige With Orange Streak,Loc:1,Classroom/SERT Room
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907013	N/A	2025/04/10	Rodel Ligoyligoy

Bureau Veritas ID: APOZ56
Sample ID: S0124C,Floor,Vinyl Floor Tile And Mastic,12"x12" Beige With Orange Streak,Loc:1,Classroom/SERT Room
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907013	N/A	2025/04/10	Rodel Ligoyligoy

Bureau Veritas ID: APOZ57
Sample ID: S0125A,Sink,Mastic, Gold,Loc:2,Classroom
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907013	N/A	2025/04/10	Rodel Ligoyligoy



BUREAU
VERITAS

Bureau Veritas Job #: C537441
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Pinchin Ltd
Client Project #: 352316.003
Site Location: ON
Your P.O. #: Glen Williams PS
Sampler Initials: JC

TEST SUMMARY

Bureau Veritas ID: APOZ57 Dup
Sample ID: S0125A,Sink,Mastic, Gold,Loc:2,Classroom
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907013	N/A	2025/04/10	Rodel Ligoyligoy

Bureau Veritas ID: APOZ58
Sample ID: S0125B,Sink,Mastic, Gold,Loc:2,Classroom
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907013	N/A	2025/04/10	Rodel Ligoyligoy

Bureau Veritas ID: APOZ59
Sample ID: S0125C,Sink,Mastic, Gold,Loc:2,Classroom
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907013	N/A	2025/04/10	Rodel Ligoyligoy

Bureau Veritas ID: APOZ60
Sample ID: S0126A,Door,Caulking,Door Panel,Loc:2,Classroom
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907013	N/A	2025/04/10	Rodel Ligoyligoy

Bureau Veritas ID: APOZ61
Sample ID: S0126B,Door,Caulking,Door Panel,Loc:2,Classroom
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907013	N/A	2025/04/10	Rodel Ligoyligoy

Bureau Veritas ID: APOZ62
Sample ID: S0126C,Door,Caulking,Door Panel,Loc:2,Classroom
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907013	N/A	2025/04/10	Rodel Ligoyligoy

Bureau Veritas ID: APOZ63
Sample ID: S0127A,Wall,Tar,Over Fiberglass Panel, Exterior Wall In Millwork,Loc:3,Classroom
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907013	N/A	2025/04/10	Rodel Ligoyligoy



BUREAU
VERITAS

Bureau Veritas Job #: C537441
Report Date: 2025/04/10

Pinchin Ltd
Client Project #: 352316.003
Site Location: ON
Your P.O. #: Glen Williams PS
Sampler Initials: JC

TEST SUMMARY

Bureau Veritas ID: APOZ64
Sample ID: S0127B,Wall,Tar,Over Fiberglass Panel, Exterior Wall In Millwork,Loc:3,Classroom
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907013	N/A	2025/04/10	Rodel Ligoyligoy

Bureau Veritas ID: APOZ65
Sample ID: S0127C,Wall,Tar,Over Fiberglass Panel, Exterior Wall In Millwork,Loc:3,Classroom
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907013	N/A	2025/04/10	Rodel Ligoyligoy

Bureau Veritas ID: APOZ66
Sample ID: S0128A,Piping,Tar Paper,Exterior Wall,Loc:3,Classroom
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ66 Dup
Sample ID: S0128A,Piping,Tar Paper,Exterior Wall,Loc:3,Classroom
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ67
Sample ID: S0128B,Piping,Tar Paper,Loc:5,Classroom
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ68
Sample ID: S0128C,Piping,Tar Paper,Loc:26,Corridor
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ69
Sample ID: S0129A,Wall,Plaster,Loc:25,Corridor
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad



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VERITAS

Bureau Veritas Job #: C537441
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Pinchin Ltd
Client Project #: 352316.003
Site Location: ON
Your P.O. #: Glen Williams PS
Sampler Initials: JC

TEST SUMMARY

Bureau Veritas ID: APOZ70
Sample ID: S0129B,Wall,Plaster,Loc:7,Classroom
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ71
Sample ID: S0129C,Wall,Plaster,Loc:25,Corridor
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ72
Sample ID: S0131A,Floor,Vinyl Floor Tile And Mastic,9x9 Black With Green And White Streaks,Loc:17,Library
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ73
Sample ID: S0131B,Floor,Vinyl Floor Tile And Mastic,9x9 Black With Green And White Streaks,Loc:17,Library
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ74
Sample ID: S0131C,Floor,Vinyl Floor Tile And Mastic,9x9 Black With Green And White Streaks,Loc:17,Library
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ75
Sample ID: S0132A,Wall,Drywall And Joint Compound,Loc:17,Library
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ76
Sample ID: S0132B,Wall,Drywall And Joint Compound,Loc:17,Library
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad



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Bureau Veritas Job #: C537441
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Pinchin Ltd
Client Project #: 352316.003
Site Location: ON
Your P.O. #: Glen Williams PS
Sampler Initials: JC

TEST SUMMARY

Bureau Veritas ID: APOZ76 Dup
Sample ID: S0132B,Wall,Drywall And Joint Compound,Loc:17,Library
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ77
Sample ID: S0132C,Wall,Drywall And Joint Compound,Loc:17,Library
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ78
Sample ID: S0133A,Wall,Plaster,Loc:17,Library
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ79
Sample ID: S0133B,Wall,Plaster,Loc:17,Library
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ80
Sample ID: S0133C,Wall,Plaster,Loc:4,Classroom
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ81
Sample ID: S0134A,Wall,Plaster,Single Layer On Dw Lath,Loc:17,Library
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ82
Sample ID: S0134B,Wall,Plaster,Loc:4,Classroom
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad



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Bureau Veritas Job #: C537441
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Pinchin Ltd
Client Project #: 352316.003
Site Location: ON
Your P.O. #: Glen Williams PS
Sampler Initials: JC

TEST SUMMARY

Bureau Veritas ID: APOZ83
Sample ID: S0134C,Wall,Plaster,Loc:4,Classroom
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ84
Sample ID: S0135A,Floor,Vinyl Floor Tile And Mastic,9x9 Red,Loc:4,Classroom
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ85
Sample ID: S0135B,Floor,Vinyl Floor Tile And Mastic,9x9 Red,Loc:4,Classroom
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ86
Sample ID: S0135C,Floor,Vinyl Floor Tile And Mastic,9x9 Red,Loc:4,Classroom
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ87
Sample ID: S0136A,Wall,Door,Caulking,Loc:31,Gymnasium
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ87 Dup
Sample ID: S0136A,Wall,Door,Caulking,Loc:31,Gymnasium
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ88
Sample ID: S0136B,Wall,Door,Caulking,Loc:31,Gymnasium
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad



TEST SUMMARY

Bureau Veritas ID: APOZ89
Sample ID: S0136C,Wall,Door,Caulking,Loc:31,Gymnasium
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ90
Sample ID: S0137A,Floor,Mastic,Mastic Under 12"x12" Chocolate Brown With White Streaks,Loc:31,Gymnasium
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ91
Sample ID: S0137B,Floor,Mastic,Mastic Under 12"x12" Chocolate Brown With White Streaks,Loc:31,Gymnasium
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ92
Sample ID: S0137C,Floor,Mastic,Mastic Under 12"x12" Chocolate Brown With White Streaks,Loc:31,Gymnasium
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ93
Sample ID: S0138A,Piping,Sweatwrap,Loc:21,Mechanical Room
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ94
Sample ID: S0138B,Piping,Sweatwrap,Loc:21,Mechanical Room
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ95
Sample ID: S0138C,Piping,Sweatwrap,Loc:21,Mechanical Room
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad



BUREAU
VERITAS

Bureau Veritas Job #: C537441
Report Date: 2025/04/10

Pinchin Ltd
Client Project #: 352316.003
Site Location: ON
Your P.O. #: Glen Williams PS
Sampler Initials: JC

TEST SUMMARY

Bureau Veritas ID: APOZ96
Sample ID: S0139A,Floor,Vinyl Floor Tile And Mastic,9x9 Dark Brown,Loc:6,Classroom
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ96 Dup
Sample ID: S0139A,Floor,Vinyl Floor Tile And Mastic,9x9 Dark Brown,Loc:6,Classroom
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ97
Sample ID: S0139B,Floor,Vinyl Floor Tile And Mastic,9x9 Dark Brown,Loc:6,Classroom
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ98
Sample ID: S0139C,Floor,Vinyl Floor Tile And Mastic,9x9 Dark Brown,Loc:6,Classroom
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APOZ99
Sample ID: S0140A,Wall,Door,Caulking,Exterior Door 6,Loc:1949,1949 Era
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APPA00
Sample ID: S0140B,Wall,Door,Caulking,Exterior Door 6,Loc:1949,1949 Era
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APPA01
Sample ID: S0140C,Wall,Door,Caulking,Exterior Door 6,Loc:1949,1949 Era
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad



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Sampler Initials: JC

TEST SUMMARY

Bureau Veritas ID: APPA02
Sample ID: S0141A,Wall,Door Frame,Caulking,Loc:1968,1968 Era
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APPA03
Sample ID: S0141B,Wall,Door Frame,Caulking,Loc:1968,1968 Era
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APPA04
Sample ID: S0141C,Wall,Door Frame,Caulking,Loc:1968,1968 Era
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APPA05
Sample ID: S0142A,Wall,Door Frame,Caulking,Loc:1981,1981 Era
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APPA06
Sample ID: S0142B,Wall,Door Frame,Caulking,Loc:1981,1981 Era
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APPA06 Dup
Sample ID: S0142B,Wall,Door Frame,Caulking,Loc:1981,1981 Era
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APPA07
Sample ID: S0142C,Wall,Door Frame,Caulking,Loc:1981,1981 Era
Matrix: Solid

Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad



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Sampler Initials: JC

TEST SUMMARY

Bureau Veritas ID: APPA08
Sample ID: S0143A,Wall,Wood,Vapour Barrier On Wood,Loc:25,Corridor
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907204	N/A		Haseeb Ahmad

Bureau Veritas ID: APPA09
Sample ID: S0143B,Wall,Wood,Vapour Barrier On Wood,Loc:25,Corridor
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907205	N/A		Haseeb Ahmad

Bureau Veritas ID: APPA10
Sample ID: S0143C,Wall,Wood,Vapour Barrier On Wood,Loc:25,Corridor
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907205	N/A		Haseeb Ahmad

Bureau Veritas ID: APPA11
Sample ID: S0144A,Wall,Plaster,1954 Section - Single Layer Plaster,Loc:26,Corridor
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907205	N/A		Haseeb Ahmad

Bureau Veritas ID: APPA12
Sample ID: S0144B,Wall,Plaster,1954 Section - Single Layer Plaster,Loc:26,Corridor
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907205	N/A		Haseeb Ahmad

Bureau Veritas ID: APPA13
Sample ID: S0144C,Wall,Plaster,1954 Section - Single Layer Plaster,Loc:26,Corridor
Matrix: Solid
Collected: 2025/04/04
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9907205	N/A		Haseeb Ahmad



**BUREAU
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GENERAL COMMENTS

Results relate only to the items tested.



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Site Location: ON
Your P.O. #: Glen Williams PS
Sampler Initials: JC

VALIDATION SIGNATURE PAGE

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

Dina Yousif, Analyst 2

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.

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0144	A	Wall,Plaster,1954 Section - Single Layer Plaster,Loc:26,Corridor
S	0144	B	Wall,Plaster,1954 Section - Single Layer Plaster,Loc:26,Corridor
S	0144	C	Wall,Plaster,1954 Section - Single Layer Plaster,Loc:26,Corridor

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12/14/2024

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0139	A	Floor, Vinyl Floor Tile And Mastic, 9x9 Dark Brown, Loc:6, Classroom
S	0139	B	Floor, Vinyl Floor Tile And Mastic, 9x9 Dark Brown, Loc:6, Classroom
S	0139	C	Floor, Vinyl Floor Tile And Mastic, 9x9 Dark Brown, Loc:6, Classroom
S	0140	A	Wall, Door, Caulking, Exterior Door 6, Loc:1949, 1949 Era
S	0140	B	Wall, Door, Caulking, Exterior Door 6, Loc:1949, 1949 Era
S	0140	C	Wall, Door, Caulking, Exterior Door 6, Loc:1949, 1949 Era
S	0141	A	Wall, Door Frame, Caulking, Loc:1968, 1968 Era
S	0141	B	Wall, Door Frame, Caulking, Loc:1968, 1968 Era
S	0141	C	Wall, Door Frame, Caulking, Loc:1968, 1968 Era
S	0142	A	Wall, Door Frame, Caulking, Loc:1981, 1981 Era
S	0142	B	Wall, Door Frame, Caulking, Loc:1981, 1981 Era
S	0142	C	Wall, Door Frame, Caulking, Loc:1981, 1981 Era
S	0143	A	Wall, Wood, Vapour Barrier On Wood, Loc:25, Corridor
S	0143	B	Wall, Wood, Vapour Barrier On Wood, Loc:25, Corridor
S	0143	C	Wall, Wood, Vapour Barrier On Wood, Loc:25, Corridor

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 12/2/24

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0134	A	Wall,Plaster,Single Layer On Dw Lath,Loc:17,Library
S	0134	B	Wall,Plaster,Loc:4,Classroom
S	0134	C	Wall,Plaster,Loc:4,Classroom
S	0135	A	Floor,Vinyl Floor Tile And Mastic,9x9 Red,Loc:4,Classroom
S	0135	B	Floor,Vinyl Floor Tife And Mastic,9x9 Red,Loc:4,Classroom
S	0135	C	Floor,Vinyl Floor Tile And Mastic,9x9 Red,Loc:4,Classroom
S	0136	A	Wall,Door,Caulking,Loc:31,Gymnasium
S	0136	B	Wall,Door,Caulking,Loc:31,Gymnasium
S	0136	C	Wall,Door,Caulking,Loc:31,Gymnasium
S	0137	A	Floor,Mastic,Mastic Under 12"x12" Chocolate Brown With White Streaks,Loc:31,Gymnasium
S	0137	B	Floor,Mastic,Mastic Under 12"x12" Chocolate Brown With White Streaks,Loc:31,Gymnasium
S	0137	C	Floor,Mastic,Mastic Under 12"x12" Chocolate Brown With White Streaks,Loc:31,Gymnasium
S	0138	A	Piping,Sweatwrap,Loc:21,Mechanical Room
S	0138	B	Piping,Sweatwrap,Loc:21,Mechanical Room
S	0138	C	Piping,Sweatwrap,Loc:21,Mechanical Room

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Page 4 of 6

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0128	A	Piping, Tar Paper, Exterior Wall, Loc:3, Classroom
S	0128	B	Piping, Tar Paper, Loc:5, Classroom
S	0128	C	Piping, Tar Paper, Loc:26, Corridor
S	0129	A	Wall, Plaster, Loc:25, Corridor
S	0129	B	Wall, Plaster, Loc:7, Classroom
S	0129	C	Wall, Plaster, Loc:25, Corridor
S	0131	A	Floor, Vinyl Floor Tile And Mastic, 9x9 Black With Green And White Streaks, Loc:17, Library
S	0131	B	Floor, Vinyl Floor Tile And Mastic, 9x9 Black With Green And White Streaks, Loc:17, Library
S	0131	C	Floor, Vinyl Floor Tile And Mastic, 9x9 Black With Green And White Streaks, Loc:17, Library
S	0132	A	Wall, Drywall And Joint Compound, Loc:17, Library
S	0132	B	Wall, Drywall And Joint Compound, Loc:17, Library
S	0132	C	Wall, Drywall And Joint Compound, Loc:17, Library
S	0133	A	Wall, Plaster, Loc:17, Library
S	0133	B	Wall, Plaster, Loc:17, Library
S	0133	C	Wall, Plaster, Loc:4, Classroom

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 12/17/2019

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0123	A	Wall, Exterior, Adhesive/mastic, 1a, Loc:1, Classroom/SERT Room
S	0123	B	Wall, Exterior, Adhesive/mastic, 1a, Loc:1, Classroom/SERT Room
S	0123	C	Wall, Exterior, Adhesive/mastic, 1a, Loc:1, Classroom/SERT Room
S	0124	A	Floor, Vinyl Floor Tile And Mastic, 12"x12" Beige With Orange Streak, Loc:1, Classroom/SERT Room
S	0124	B	Floor, Vinyl Floor Tile And Mastic, 12"x12" Beige With Orange Streak, Loc:1, Classroom/SERT Room
S	0124	C	Floor, Vinyl Floor Tile And Mastic, 12"x12" Beige With Orange Streak, Loc:1, Classroom/SERT Room
S	0125	A	Sink, Mastic, Gold, Loc:2, Classroom
S	0125	B	Sink, Mastic, Gold, Loc:2, Classroom
S	0125	C	Sink, Mastic, Gold, Loc:2, Classroom
S	0126	A	Door, Caulking, Door Panel, Loc:2, Classroom
S	0126	B	Door, Caulking, Door Panel, Loc:2, Classroom
S	0126	C	Door, Caulking, Door Panel, Loc:2, Classroom
S	0127	A	Wall, Tar, Over Fiberglass Panel, Exterior Wall In Millwork, Loc:3, Classroom
S	0127	B	Wall, Tar, Over Fiberglass Panel, Exterior Wall In Millwork, Loc:3, Classroom
S	0127	C	Wall, Tar, Over Fiberglass Panel, Exterior Wall In Millwork, Loc:3, Classroom

MICHAEL
 10-10-10-10-10
 12-04-17-18
 1454
 Page 2 of 6

Analyzed by: _____

Reviewed by: _____

Report Sent by: _____



NONT-2025-04-1440

T1025928

Asbestos Laboratory
Internal Asbestos Bulk Sample Chain of Custody

**Special Instructions: ONLY ANALYZE MASTIC FOR SAMPLES S0137A-C.
ONLY ANALYZE TAR LAYERS FOR SAMPLES S0127A-C.
ONLY ANALYZE MASTIC FOR SAMPLES S0123A-C**

Client Name:		Project Address:	ON
Portfolio/Building No:	Glen Williams PS	Pinchin File:	352316.003
Submitted by:	Adam Altena	Email:	aaltena@pinchin.com
CC Email:	Jess Cozzitorto	CC Email:	jcozzitorto@pinchin.com
Date Submitted:	April 02 2025	Required by:	April 10 2025
# of Samples:	72	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 #:	147988/20253152205279		

To be Completed by Lab Personnel Only:

Lab Reference #:		Time:	24 hour clock		
Received by:	APR 04 2025	Date:	Month	Day	Year
Name(s) of Analyst(s):					

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0121	A	Wall,Bulkhead,Plaster,Loc:1,Classroom/SERT Room
S	0121	B	Wall,Plaster,1a,Loc:1,Classroom/SERT Room
S	0121	C	Wall,Bulkhead,Plaster,Loc:1,Classroom/SERT Room
S	0122	A	Wall,Drywall And Joint Compound,On Exterior Wall,Loc:1,Classroom/SERT Room
S	0122	B	Wall,Bulkhead,Drywall And Joint Compound,Loc:2,Classroom
S	0122	C	Wall,Bulkhead,Drywall And Joint Compound,Loc:25,Corridor

Mark Foa *04/04/25 1454*
12 1073679
Page 1 of 6

APPENDIX II-B
Lead Analytical Certificates



Your P.O. #: GLEN WILLIAMS PS
 Your Project #: 352316.003
 Your C.O.C. #: N/A

Attention: Adam Altena

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

Report Date: 2025/04/10
 Report #: R8518332
 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C537338

Received: 2025/04/04, 14:54

Sample Matrix: Solid
 # Samples Received: 10

Analyses	Quantity	Date	Date	Laboratory Method	Analytical Method
		Extracted	Analyzed		
Metals in Paint	10	2025/04/10	2025/04/10	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 P.O. #: GLEN WILLIAMS PS
Your Project #: 352316.003
Your C.O.C. #: N/A

Attention: Adam Altena

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

Report Date: 2025/04/10
Report #: R8518332
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C537338

Received: 2025/04/04, 14:54

Encryption Key

Please direct all questions regarding this Certificate of Analysis to:

Nilushi Mahathantila, Project Manager
Email: Nilushi.Mahathantila@bureauveritas.com
Phone# (905) 817-5700

=====

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

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BUREAU VERITAS

Bureau Veritas Job #: C537338
Report Date: 2025/04/10

Pinchin Ltd
Client Project #: 352316.003
Your P.O. #: GLEN WILLIAMS PS
Sampler Initials: AA

ELEMENTS BY ATOMIC SPECTROSCOPY (SOLID)

Bureau Veritas ID		APOS59			APOS60			
Sampling Date		2025/04/01			2025/04/01			
COC Number		N/A			N/A			
	UNITS	L0001, WALL, MASONARY,LOC: 1,CLASSROOM/SERT ROOM	RDL	MDL	L0002, WALL, PLASTER,LOC:1,CLASS ROOM/SERT ROOM	RDL	MDL	QC Batch

Metals								
Lead (Pb)	%	0.0054	0.00010	0.000030	0.024	0.0012	0.00036	9907473
RDL = Reportable Detection Limit QC Batch = Quality Control Batch								

Bureau Veritas ID		APOS61			APOS62			
Sampling Date		2025/04/01			2025/04/01			
COC Number		N/A			N/A			
	UNITS	L0003, WALL, DRYWALL AND JOINT COMPOUND,LOC:1, CLASSROOM/SERT ROOM	RDL	MDL	L0004, WALL, PLASTER,LOC:25,CORR IDOR	RDL	MDL	QC Batch

Metals								
Lead (Pb)	%	<0.00023	0.00023	0.000069	0.00029	0.00010	0.000030	9907473
RDL = Reportable Detection Limit QC Batch = Quality Control Batch								

Bureau Veritas ID		APOS63			APOS64			
Sampling Date		2025/04/01			2025/04/01			
COC Number		N/A			N/A			
	UNITS	L0005, WALL, DRYWALL AND JOINT COMPOUND,LOC:8, CLASSROOM	RDL	MDL	L0006, WALL, DRYWALL AND JOINT COMPOUND,LOC:17, LIBRARY	RDL	MDL	QC Batch

Metals								
Lead (Pb)	%	0.0015	0.00018	0.000054	0.0010	0.00010	0.000030	9907473
RDL = Reportable Detection Limit QC Batch = Quality Control Batch								



ELEMENTS BY ATOMIC SPECTROSCOPY (SOLID)

Bureau Veritas ID		APOS65	APOS66			
Sampling Date		2025/04/01	2025/04/01			
COC Number		N/A	N/A			
	UNITS	L0007, WALL, PLASTER,LOC:17,LIBRARY	L0008, WALL, WOOD,LOC:4,CLASSROOM	RDL	MDL	QC Batch
Metals						
Lead (Pb)	%	0.037	0.084	0.00010	0.000030	9907473
RDL = Reportable Detection Limit QC Batch = Quality Control Batch						

Bureau Veritas ID		APOS67			APOS68			
Sampling Date		2025/04/01			2025/04/01			
COC Number		N/A			N/A			
	UNITS	L0009, WALL, DRYWALL AND JOINT COMPOUND,LOC:7, CLASSROOM	RDL	MDL	L0010, WALL, MASONRY,LOC:31,GYMNASIUM	RDL	MDL	QC Batch
Metals								
Lead (Pb)	%	0.053	0.00031	0.000093	0.0021	0.00010	0.000030	9907473
RDL = Reportable Detection Limit QC Batch = Quality Control Batch								



BUREAU
VERITAS

Bureau Veritas Job #: C537338
Report Date: 2025/04/10

Pinchin Ltd
Client Project #: 352316.003
Your P.O. #: GLEN WILLIAMS PS
Sampler Initials: AA

TEST SUMMARY

Bureau Veritas ID: APOS59
Sample ID: L0001, WALL, MASONARY,LOC:1,CLASSROOM/SERT ROOM
Matrix: Solid
Collected: 2025/04/01
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Metals in Paint	ICP	9907473	2025/04/10	2025/04/10	Jolly John

Bureau Veritas ID: APOS60
Sample ID: L0002, WALL, PLASTER,LOC:1,CLASSROOM/SERT ROOM
Matrix: Solid
Collected: 2025/04/01
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Metals in Paint	ICP	9907473	2025/04/10	2025/04/10	Jolly John

Bureau Veritas ID: APOS61
Sample ID: L0003, WALL, DRYWALL AND JOINT COMPOUND,LOC:1, CLASSROOM/SERT ROOM
Matrix: Solid
Collected: 2025/04/01
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Metals in Paint	ICP	9907473	2025/04/10	2025/04/10	Jolly John

Bureau Veritas ID: APOS62
Sample ID: L0004, WALL, PLASTER,LOC:25,CORRIDOR
Matrix: Solid
Collected: 2025/04/01
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Metals in Paint	ICP	9907473	2025/04/10	2025/04/10	Jolly John

Bureau Veritas ID: APOS63
Sample ID: L0005, WALL, DRYWALL AND JOINT COMPOUND,LOC:8, CLASSROOM
Matrix: Solid
Collected: 2025/04/01
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Metals in Paint	ICP	9907473	2025/04/10	2025/04/10	Jolly John

Bureau Veritas ID: APOS64
Sample ID: L0006, WALL, DRYWALL AND JOINT COMPOUND,LOC:17, LIBRARY
Matrix: Solid
Collected: 2025/04/01
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Metals in Paint	ICP	9907473	2025/04/10	2025/04/10	Jolly John

Bureau Veritas ID: APOS65
Sample ID: L0007, WALL, PLASTER,LOC:17,LIBRARY
Matrix: Solid
Collected: 2025/04/01
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Metals in Paint	ICP	9907473	2025/04/10	2025/04/10	Jolly John



BUREAU
VERITAS

Bureau Veritas Job #: C537338
Report Date: 2025/04/10

Pinchin Ltd
Client Project #: 352316.003
Your P.O. #: GLEN WILLIAMS PS
Sampler Initials: AA

TEST SUMMARY

Bureau Veritas ID: APOS66
Sample ID: L0008, WALL, WOOD,LOC:4,CLASSROOM
Matrix: Solid

Collected: 2025/04/01
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Metals in Paint	ICP	9907473	2025/04/10	2025/04/10	Jolly John

Bureau Veritas ID: APOS67
Sample ID: L0009, WALL, DRYWALL AND JOINT COMPOUND,LOC:7, CLASSROOM
Matrix: Solid

Collected: 2025/04/01
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Metals in Paint	ICP	9907473	2025/04/10	2025/04/10	Jolly John

Bureau Veritas ID: APOS68
Sample ID: L0010, WALL, MASONRY,LOC:31,GYMNASIUM
Matrix: Solid

Collected: 2025/04/01
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Metals in Paint	ICP	9907473	2025/04/10	2025/04/10	Jolly John



GENERAL COMMENTS

Sample APOS60 [L0002, WALL, PLASTER,LOC:1,CLASSROOM/SERT ROOM] : 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 APOS61 [L0003, WALL, DRYWALL AND JOINT COMPOUND,LOC:1, CLASSROOM/SERT ROOM] : 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 APOS63 [L0005, WALL, DRYWALL AND JOINT COMPOUND,LOC:8, CLASSROOM] : 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 APOS67 [L0009, WALL, DRYWALL AND JOINT COMPOUND,LOC:7, CLASSROOM] : 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 #: C537338

Report Date: 2025/04/10

QUALITY ASSURANCE REPORT

Pinchin Ltd

Client Project #: 352316.003

Your P.O. #: GLEN WILLIAMS PS

Sampler Initials: AA

QC Batch	Parameter	Date	Matrix Spike		Method Blank		RPD		QC Standard	
			% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
9907473	Lead (Pb)	2025/04/10	NC	75 - 125	<0.00010	%	3.9	35	102	75 - 125

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

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.

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spike amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than the native sample concentration)



BUREAU
VERITAS

Bureau Veritas Job #: C537338
Report Date: 2025/04/10

Pinchin Ltd
Client Project #: 352316.003
Your P.O. #: GLEN WILLIAMS PS
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

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.

C537338
2025/04/04 14:54



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

Page 1 of 1

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#: Glen Williams PS				PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS					
Address:		Address:				Project #: 352316.003				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		Email:				Site #:				Date Required: April 11 2025					
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 #:					
Sampled By: Adam Altena															
Regulation 153		Other Regulations				Analysis Requested				LABORATORY USE ONLY					
<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		<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 _____				# OF CONTAINERS SUBMITTED FIELD FILTERED (CIRCLE) Metals / Hg / CVI BTEX/ PHC F1 PHC F2 - F4 VOCs REG 153 METALS & INORGANICS REG 153 ICPMS METALS REG 153 METALS (Hg, Cr, V, ICPMS Metals, HWS - B) Lead (Pb) in Paints PCBs				CUSTODY SEAL Y / N Present Intact COOLING MEDIA PRESENT: Y / N					
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 / CVI	BTEX/ PHC F1	PHC F2 - F4	VOCs	REG 153 METALS & INORGANICS	REG 153 ICPMS METALS	REG 153 METALS (Hg, Cr, V, ICPMS Metals, HWS - B)	Lead (Pb) in Paints	PCBs	HOLD- DO NOT ANALYZE	COMMENTS
L0001, Wall, Masonry, ,Loc:1,Classroom/SERT Room	2025-04-01		BULK												
L0002, Wall, Plaster, ,Loc:1,Classroom/SERT Room	2025-04-01		BULK												
L0003, Wall, Drywall and joint compound, ,Loc:1,Classroom/	2025-04-01		BULK												
L0004, Wall, Plaster, ,Loc:25,Corridor	2025-04-01		BULK												
L0005, Wall, Drywall and joint compound, ,Loc:8,Classroom	2025-04-01		BULK												
L0006, Wall, Drywall and joint compound, ,Loc:17,Library	2025-04-01		BULK												
L0007, Wall, Plaster, ,Loc:17,Library	2025-04-01		BULK												
L0008, Wall, Wood, ,Loc:4,Classroom	2025-04-01		BULK												
L0009, Ceiling, Drywall and joint compound, ,Loc:7,Classroom	2025-04-01		BULK												
L0010, Wall, Masonry, ,Loc:31,Gymnasium	2025-04-01		BULK												
RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	BV JOB #									



Handwritten signature and date: Adam Altena 2025/04/04



TRANSMITTAL

TO:	Bureau Veritas 6740 Campobello Road Mississauga, ON L5N 2L8
------------	-------------------------------------------------------------------

ATTENTION:	Analytical Lab
PHONE:	905.817.5700

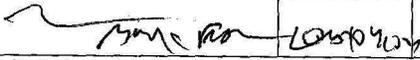
FROM:	C. Hendsbee
--------------	-------------

DATE:	April 4, 2025
--------------	---------------

ITEM NO.	TYPE	DESCRIPTION
1	PCB	352316.003
2	lead	352316.003
3	lead	332902.016
4	Bulk	352316.003
5	Bulk	354281
6	Bulk	336665.012
7	Bulk	356619
8	Bulk	354433
9	Bulk	329911.001
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		

Notes:

Signature: *Cheryl H.*

Adam Altana	2025-04-02	15:00		1459	
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Unless otherwise agreed to in writing, work submitted on this Chain of Custody is subject to Bureau Veritas' standard Terms and Conditions. Signing of this Chain of Custody document is acknowledgment and acceptance of our terms available at <https://www.bvna.com/coc-terms-and-conditions>

12/04/2025



Your P.O. #: GLEN WILLIAMS
 Your Project #: 352316.003
 Your C.O.C. #: N/A

Attention: Adam Altena

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

Report Date: 2025/06/13
 Report #: R8557213
 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C568572

Received: 2025/06/10, 15:22

Sample Matrix: Bulk
 # Samples Received: 5

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Metals in Paint	5	2025/06/12	2025/06/13	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 P.O. #: GLEN WILLIAMS
Your Project #: 352316.003
Your C.O.C. #: N/A

Attention: Adam Altena

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

Report Date: 2025/06/13
Report #: R8557213
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C568572
Received: 2025/06/10, 15:22

Encryption Key

Please direct all questions regarding this Certificate of Analysis to:
Nilushi Mahathantila, Project Manager
Email: Nilushi.Mahathantila@bureauveritas.com
Phone# (905) 817-5700

=====

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BUREAU
VERITAS

Bureau Veritas Job #: C568572
Report Date: 2025/06/13

Pinchin Ltd
Client Project #: 352316.003
Your P.O. #: GLEN WILLIAMS
Sampler Initials: AA

ELEMENTS BY ATOMIC SPECTROSCOPY (BULK)

Bureau Veritas ID		ARVF34			ARVF35			
Sampling Date		2025/06/06			2025/06/06			
COC Number		N/A			N/A			
	UNITS	L0011, STRUCTURE, METAL, RED ON METAL JOIST, LOC:25, CORRIDOR	RDL	MDL	L0012, STRUCTURE, METAL, RED ON METAL JOIST, LOC:2, CLASSROOM	RDL	MDL	QC Batch

Metals								
Lead (Pb)	%	0.11	0.0071	0.0021	0.22	0.00054	0.00016	9948536
RDL = Reportable Detection Limit								
QC Batch = Quality Control Batch								

Bureau Veritas ID		ARVF36			ARVF37			
Sampling Date		2025/06/06			2025/06/06			
COC Number		N/A			N/A			
	UNITS	L0013, STRUCTURE, METAL, GREY ON METAL JOISTS, LOC:30, CORRIDOR	RDL	MDL	L0014, STRUCTURE, METAL, RED ON METAL JOISTS, LOC:24, CORRIDOR	RDL	MDL	QC Batch

Metals								
Lead (Pb)	%	<0.00093	0.00093	0.00028	0.48	0.0068	0.0020	9948536
RDL = Reportable Detection Limit								
QC Batch = Quality Control Batch								

Bureau Veritas ID		ARVF38				
Sampling Date		2025/06/06				
COC Number		N/A				
	UNITS	L0015, STRUCTURE, METAL, RED ON METAL JOISTS, LOC:9, CLASSROOM	RDL	MDL	QC Batch	

Metals						
Lead (Pb)	%	0.10	0.0026	0.00078	9948536	
RDL = Reportable Detection Limit						
QC Batch = Quality Control Batch						



BUREAU
VERITAS

Bureau Veritas Job #: C568572
Report Date: 2025/06/13

Pinchin Ltd
Client Project #: 352316.003
Your P.O. #: GLEN WILLIAMS
Sampler Initials: AA

TEST SUMMARY

Bureau Veritas ID: ARVF34
Sample ID: L0011, STRUCTURE, METAL, RED ON METAL JOIST, LOC:25, CORRIDOR
Matrix: Bulk

Collected: 2025/06/06
Shipped:
Received: 2025/06/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Metals in Paint	ICP	9948536	2025/06/12	2025/06/13	Aswathy Neduveli Suresh

Bureau Veritas ID: ARVF35
Sample ID: L0012, STRUCTURE, METAL, RED ON METAL JOIST, LOC:2, CLASSROOM
Matrix: Bulk

Collected: 2025/06/06
Shipped:
Received: 2025/06/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Metals in Paint	ICP	9948536	2025/06/12	2025/06/13	Aswathy Neduveli Suresh

Bureau Veritas ID: ARVF36
Sample ID: L0013, STRUCTURE, METAL, GREY ON METAL JOISTS, LOC:30, CORRIDOR
Matrix: Bulk

Collected: 2025/06/06
Shipped:
Received: 2025/06/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Metals in Paint	ICP	9948536	2025/06/12	2025/06/13	Aswathy Neduveli Suresh

Bureau Veritas ID: ARVF37
Sample ID: L0014, STRUCTURE, METAL, RED ON METAL JOISTS, LOC:24, CORRIDOR
Matrix: Bulk

Collected: 2025/06/06
Shipped:
Received: 2025/06/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Metals in Paint	ICP	9948536	2025/06/12	2025/06/13	Aswathy Neduveli Suresh

Bureau Veritas ID: ARVF38
Sample ID: L0015, STRUCTURE, METAL, RED ON METAL JOISTS, LOC:9, CLASSROOM
Matrix: Bulk

Collected: 2025/06/06
Shipped:
Received: 2025/06/10

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Metals in Paint	ICP	9948536	2025/06/12	2025/06/13	Aswathy Neduveli Suresh



BUREAU
VERITAS

Bureau Veritas Job #: C568572
Report Date: 2025/06/13

Pinchin Ltd
Client Project #: 352316.003
Your P.O. #: GLEN WILLIAMS
Sampler Initials: AA

GENERAL COMMENTS

Sample ARVF34 [L0011, STRUCTURE, METAL, RED ON METAL JOIST, LOC:25, CORRIDOR] : Metals Analysis: Due to the sample matrix, sample required dilution. Detection limits were adjusted accordingly.

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 ARVF35 [L0012, STRUCTURE, METAL, RED ON METAL JOIST, LOC:2, CLASSROOM] : 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 ARVF36 [L0013, STRUCTURE, METAL, GREY ON METAL JOISTS, LOC:30, CORRIDOR] : 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 ARVF37 [L0014, STRUCTURE, METAL, RED ON METAL JOISTS, LOC:24, CORRIDOR] : Metals Analysis: Due to the sample matrix, sample required dilution. Detection limits were adjusted accordingly.

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 ARVF38 [L0015, STRUCTURE, METAL, RED ON METAL JOISTS, LOC:9, CLASSROOM] : Metals Analysis: Due to the sample matrix, sample required dilution. Detection limits were adjusted accordingly.

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 #: C568572

Report Date: 2025/06/13

QUALITY ASSURANCE REPORT

Pinchin Ltd

Client Project #: 352316.003

Your P.O. #: GLEN WILLIAMS

Sampler Initials: AA

QC Batch	Parameter	Date	Matrix Spike		Method Blank		RPD		QC Standard	
			% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
9948536	Lead (Pb)	2025/06/13	99	75 - 125	<0.00010	%	10	35	101	75 - 125

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

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 #: C568572
Report Date: 2025/06/13

Pinchin Ltd
Client Project #: 352316.003
Your P.O. #: GLEN WILLIAMS
Sampler Initials: AA

VALIDATION SIGNATURE PAGE

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

Louise Harding, Scientific Specialist

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.



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#: Glen Williams				PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS							
Address:		Address:				Project #: 352316.003				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 jcozitoro@pinchin.com		Email:				Site Location Province: ON				Date Required: June 13 2025							
MOE REGULATED DRINKING WATER OR WATER INTENDED FOR HUMAN CONSUMPTION MUST BE SUBMITTED ON THE BUREAU VERITAS DRINKING WATER CHAIN OF CUSTODY						Sampled By: Adam Altena				Rush Confirmation #:							
Regulation 153		Other Regulations		Analysis Requested								LABORATORY USE ONLY					
<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		<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 _____		# 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								CUSTODY SEAL Y / N Present Intact COOLER TEMPERATURES COOLING MEDIA PRESENT: Y <input checked="" type="checkbox"/> N COMMENTS					
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	COOLING MEDIA PRESENT: Y <input checked="" type="checkbox"/> N	COMMENTS
L0011, Structure, Metal, Red On Metal Joist,Loc:25,Corridor		2025-06-06		BULK													
L0012, Structure, Metal, Red On Metal Joist,Loc:2,Classroom		2025-06-06		BULK													
L0013, Structure, Metal, Grey On Metal Joists,Loc:30,Corridor		2025-06-06		BULK													
L0014, Structure, Metal, Red On Metal Joists,Loc:24,Corridor		2025-06-06		BULK													
L0015, Structure, Metal, Red On Metal Joists,Loc:9,Classroom		2025-06-06		BULK													
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		2025-06-09	12:00	 ASHLEY SULLIVAN ASHLEY SULLIVAN				2025/06/10	15:22								



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APPENDIX II-C
PCB Analytical Certificates



Your P.O. #: GLEN WILLIAMS PS
 Your Project #: 352316.003
 Your C.O.C. #: N/A

Attention: Adam Altena

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

Report Date: 2025/04/08
 Report #: R8517141
 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C537334

Received: 2025/04/04, 14:54

Sample Matrix: Solid
 # Samples Received: 3

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Polychlorinated Biphenyl in Solids (1)	3	2025/04/07	2025/04/08	CAM SOP-00309	EPA 8082A 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.

(1) Analysis was conducted according to Bureau Veritas method CAM SOP-00309 and modified where applicable based on the sample matrix. This test is not Standards Council of Canada accredited for this matrix.



Your P.O. #: GLEN WILLIAMS PS
Your Project #: 352316.003
Your C.O.C. #: N/A

Attention: Adam Altena

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

Report Date: 2025/04/08
Report #: R8517141
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C537334

Received: 2025/04/04, 14:54

Encryption Key

Please direct all questions regarding this Certificate of Analysis to:

Nilushi Mahathantila, Project Manager
Email: Nilushi.Mahathantila@bureauveritas.com
Phone# (905) 817-5700

=====

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BUREAU
VERITAS

Bureau Veritas Job #: C537334
Report Date: 2025/04/08

Pinchin Ltd
Client Project #: 352316.003
Your P.O. #: GLEN WILLIAMS PS
Sampler Initials: AA

POLYCHLORINATED BIPHENYLS BY GC-ECD (SOLID)

Bureau Veritas ID		APOS52				APOS53			
Sampling Date		2025/04/01				2025/04/01			
COC Number		N/A				N/A			
	UNITS	P0001, LOC:1968,1968 ERA	RDL	MDL	P0002, EXTERIOR DOOR 6, LOC:1949,1949 ERA	RDL	MDL	QC Batch	
PCBs									
Aroclor 1262	ug/g	<0.1	0.1	0.1	<0.2	0.2	0.2	9905318	
Aroclor 1016	ug/g	<0.1	0.1	0.1	<0.2	0.2	0.2	9905318	
Aroclor 1221	ug/g	<0.1	0.1	0.1	<0.2	0.2	0.2	9905318	
Aroclor 1232	ug/g	<0.1	0.1	0.1	<0.2	0.2	0.2	9905318	
Aroclor 1242	ug/g	<0.1	0.1	0.1	<0.2	0.2	0.2	9905318	
Aroclor 1248	ug/g	<0.1	0.1	0.1	<0.2	0.2	0.2	9905318	
Aroclor 1254	ug/g	0.8	0.1	0.1	<0.2	0.2	0.2	9905318	
Aroclor 1260	ug/g	<0.1	0.1	0.1	<0.2	0.2	0.2	9905318	
Aroclor 1268	ug/g	<0.1	0.1	0.1	<0.2	0.2	0.2	9905318	
Total PCB	ug/g	0.8	0.1	0.1	<0.2	0.2	0.2	9905318	
Surrogate Recovery (%)									
Decachlorobiphenyl	%	59			64			9905318	
RDL = Reportable Detection Limit QC Batch = Quality Control Batch									



BUREAU
VERITAS

Bureau Veritas Job #: C537334
Report Date: 2025/04/08

Pinchin Ltd
Client Project #: 352316.003
Your P.O. #: GLEN WILLIAMS PS
Sampler Initials: AA

POLYCHLORINATED BIPHENYLS BY GC-ECD (SOLID)

Bureau Veritas ID		APOS54			
Sampling Date		2025/04/01			
COC Number		N/A			
	UNITS	P0003, LOC:1981,1981 ERA	RDL	MDL	QC Batch
PCBs					
Aroclor 1262	ug/g	<30	30	30	9905318
Aroclor 1016	ug/g	<30	30	30	9905318
Aroclor 1221	ug/g	<30	30	30	9905318
Aroclor 1232	ug/g	<30	30	30	9905318
Aroclor 1242	ug/g	<30	30	30	9905318
Aroclor 1248	ug/g	<30	30	30	9905318
Aroclor 1254	ug/g	<30	30	30	9905318
Aroclor 1260	ug/g	<30	30	30	9905318
Aroclor 1268	ug/g	<30	30	30	9905318
Total PCB	ug/g	<30	30	30	9905318
Surrogate Recovery (%)					
Decachlorobiphenyl	%	112			9905318
RDL = Reportable Detection Limit					
QC Batch = Quality Control Batch					



BUREAU
VERITAS

Bureau Veritas Job #: C537334
Report Date: 2025/04/08

Pinchin Ltd
Client Project #: 352316.003
Your P.O. #: GLEN WILLIAMS PS
Sampler Initials: AA

TEST SUMMARY

Bureau Veritas ID: APOS52
Sample ID: P0001, LOC:1968,1968 ERA
Matrix: Solid

Collected: 2025/04/01
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Polychlorinated Biphenyl in Solids	GC/ECD	9905318	2025/04/07	2025/04/08	Debashis Saha

Bureau Veritas ID: APOS53
Sample ID: P0002, EXTERIOR DOOR 6, LOC:1949,1949 ERA
Matrix: Solid

Collected: 2025/04/01
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Polychlorinated Biphenyl in Solids	GC/ECD	9905318	2025/04/07	2025/04/08	Debashis Saha

Bureau Veritas ID: APOS54
Sample ID: P0003, LOC:1981,1981 ERA
Matrix: Solid

Collected: 2025/04/01
Shipped:
Received: 2025/04/04

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Polychlorinated Biphenyl in Solids	GC/ECD	9905318	2025/04/07	2025/04/08	Debashis Saha



**BUREAU
VERITAS**

Bureau Veritas Job #: C537334
Report Date: 2025/04/08

Pinchin Ltd
Client Project #: 352316.003
Your P.O. #: GLEN WILLIAMS PS
Sampler Initials: AA

GENERAL COMMENTS

PCB Analysis: Values were calculated on a wet weight basis.

Results relate only to the items tested.



BUREAU
VERITAS

Bureau Veritas Job #: C537334

Report Date: 2025/04/08

QUALITY ASSURANCE REPORT

Pinchin Ltd

Client Project #: 352316.003

Your P.O. #: GLEN WILLIAMS PS

Sampler Initials: AA

QC Batch	Parameter	Date	Matrix Spike		SPIKED BLANK		Method Blank		RPD	
			% Recovery	QC Limits	% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits
9905318	Decachlorobiphenyl	2025/04/07	93	30 - 130	96	30 - 130	86	%		
9905318	Aroclor 1016	2025/04/07					<0.1	ug/g		
9905318	Aroclor 1221	2025/04/07					<0.1	ug/g		
9905318	Aroclor 1232	2025/04/07					<0.1	ug/g		
9905318	Aroclor 1242	2025/04/07					<0.1	ug/g		
9905318	Aroclor 1248	2025/04/07					<0.1	ug/g		
9905318	Aroclor 1254	2025/04/07					<0.1	ug/g		
9905318	Aroclor 1260	2025/04/07	72	30 - 130	101	30 - 130	<0.1	ug/g	1.3	50
9905318	Aroclor 1262	2025/04/07					<0.1	ug/g		
9905318	Aroclor 1268	2025/04/07					<0.1	ug/g		
9905318	Total PCB	2025/04/07	72	30 - 130	101	30 - 130	<0.1	ug/g	1.3	50

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

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

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.



BUREAU
VERITAS

Bureau Veritas Job #: C537334
Report Date: 2025/04/08

Pinchin Ltd
Client Project #: 352316.003
Your P.O. #: GLEN WILLIAMS PS
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

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.

C537334
2025/04/04 14:54



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



NONT-2025-04-1402

CHAIN OF CUSTODY RECORD

Page 1 of 1

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#: Glen williams ps		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS		
Address:		Address:		Project #: 352316.003		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		Email:		Site #:		Date Required: April 11 2025		
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		Other Regulations		Analysis Requested		LABORATORY USE ONLY		
<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		<input type="checkbox"/> CCME <input type="checkbox"/> Sanitary Sewer Bylaw <input type="checkbox"/> MISA <input type="checkbox"/> Storm Sewer Bylaw <input type="checkbox"/> PWQO <input type="checkbox"/> Region _____ <input type="checkbox"/> Other (Specify) _____ <input type="checkbox"/> REG 558 (MIN. 3 DAY TAT REQUIRED) <input type="checkbox"/> REG 406 Table _____		# OF CONTAINERS SUBMITTED FIELD FILTERED (CIRCLE) Metals / Hg / CrVI BTEX/ PHE/1 PHCS P2 - FA VOCs REG 153 METALS & INORGANICS REG 153 DEPMS METALS REG 153 METALS (Hg, CrVI, CPMS Metals, HWS- B) Lead (Pb) in Paints PCBs HOLD- DO NOT ANALYZE		CUSTODY SEAL Y / N Present Intact COOLER TEMPERATURES COOLING MEDIA PRESENT: Y / <input checked="" type="checkbox"/>		
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				COMMENTS
P0001, ,Loc:1968,1968 Era		2025-04-01		BULK				
P0002, Exterior Door 6,Loc:1949,1949 Era		2025-04-01		BULK				
P0003, ,Loc:1981,1981 Era		2025-04-01		BULK				
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	2025-04-02	15:00	<i>[Signature]</i>		2025-04-02	17:59		

Unless otherwise agreed to in writing, work submitted on this Chain of Custody is subject to Bureau Veritas' standard Terms and Conditions. Signing of this Chain of Custody document is acknowledgment and acceptance of our terms available at <https://www.bvna.com/coc-terms-and-conditions>

12 (04) 679



TRANSMITTAL

TO:	Bureau Veritas 6740 Campobello Road Mississauga, ON L5N 2L8
------------	--------------------------------------------------------------------------

ATTENTION:	Analytical Lab
PHONE:	905.817.5700

FROM:	C. Hendsbee
--------------	-------------

DATE:	April 4, 2025
--------------	---------------

ITEM NO.	TYPE	DESCRIPTION
1	PCB	352316.003
2	lead	352316.003
3	lead	332902.016
4	Bulk	352316.003
5	Bulk	354281
6	Bulk	336665.012
7	Bulk	356619
8	Bulk	354433
9	Bulk	329911.001
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		

Notes:

Signature: *Cheryl H.*

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.

Analysis for lead in paints or surface coatings was performed in accordance with EPA Method No. 3050B/Method No. 7420; flame atomic absorption [OR] EPA Method No. 3050B/EPA SW-846-6020B0B, inductively coupled plasma – mass spectrometry.

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, sealants, or paints 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.

APPENDIX IV
Location Summary Report

Client: Halton District School Board

Site: 512 Main Street, Glen Williams, ON

Building Name: Glen Williams Public School

Survey Date: 2024-05-21

Last Re-Assessment:

Building Phases: A: 1949 Original, B: 1954, C: 1964, D: 1968, E: 1981

Location No.	Name or Description	Area ft ²	Floor No.	Bldg. Phase	Notes
1	Classroom/SERT Room, room no. 1-A-B-C	1200	1	D	
2	Classroom, room no. 2-A-C	1100	1	D	
3	Classroom, room no. 3	900	1	C	
4	Classroom, room no. 4	1000	1	A	
5	Classroom, room no. 5	900	1	C	
6	Classroom, room no. 6	1000	1	A	
7	Classroom, room no. 7	900	1	C	
8	Classroom, room no. 8	1000	1	B	
9	Classroom, room no. 9	1400	1	B	
12	Staff Washroom, room no. 12	150	1	E	
14	Caretaker/Supply Room, room no. 14-B	350	1	C	
15	Main Office, room no. 15	300	1	C	
16	Principal's Office, room no. 16	200	1	E	
17	Library, room no. 17-A-B	1300	1	A	
18	Caretaker's Office, room no. 18	200	1	A	
19	Corridor/Staff Washroom, room no. 19-A-B	500	1	B	
20	Girl's Washroom, room no. 20-A-B	500	1	A	
21	Mechanical Room, room no. 21	650	B	A	
22	Mechanical Room, room no. 22	250	1	A	
23	Boy's Washroom, room no. 23	500	1	A	
24	Corridor, room no. 1	400	1	E	
25	Corridor, room no. 25-A	3000	1	C	
26	Corridor, room no. 26	800	1	A	
27	Vestibule, room no. 27-A	100	1	D	
31	Gymnasium, room no. 11-A-B-C-D	3000	1	E	Previous Location 11
40	Exterior	0		A	

APPENDIX V

Hazardous Materials Summary Report / Sample Log

Client: Halton District School Board

Site: 512 Main Street, Glen Williams, ON

Building Name: Glen Williams Public School

Survey Date: 2024-05-21

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
Asbestos	V0001	Wall Paint On Concrete Block (1968 Era)	1,2,14,19,27	B,C,D	0	4800	0	0	Chrysotile	Yes	NF
Asbestos	V0002	Floor Mastic Mastic Under 12"x12" Vinyl Floor Tiles Brown With Brown White And Black Flecks	1	D	0	400	0	0	Chrysotile	Yes	NF
Asbestos	V0003	Ceiling Mastic Brown Mastic On 12"x12" Ceiling Tiles Small And Large Pinholes	1,2,14	C,D	0	0	0	100	None Detected	No	
Asbestos	V0004	Ceiling, Wall Bulkhead Drywall And Joint Compound Room 1c (1968 Era)	1	D	0	0	0	100	None Detected	No	
Asbestos	V0005	Floor Vinyl Floor Tile And Mastic 12"x12" Beige With Beige Flecks (accent Tiles)	1	D	0	0	0	100	None Detected	No	
Asbestos	V0006	Wall Base Rubber Grey Baseboard	1,19	B,D	0	0	0	100	None Detected	No	
Asbestos	V0007	Wall Base Adhesive/mastic Brown Mastic Below Grey Baseboard	1,19	B,D	0	0	0	100	None Detected	No	
Asbestos	V0008	Floor Mastic Mastic Under 12"x12" Vinyl Floor Tiles Coffee With Dark Brown And White Streaks	2,18	A,D	0	0	0	100	None Detected	No	
Asbestos	V0009	Floor Mortar Mortar In Ceramic Tiles	2	D	0	0	0	100	None Detected	No	
Asbestos	V0010	Floor Grout Grout In Ceramic Tiles	2	D	0	0	0	100	None Detected	No	
Asbestos	V0011	Floor Mastic Mastic Under 12"x12" Vinyl Floor Tiles Olive With White Flecks	14	C	0	0	0	100	None Detected	No	
Asbestos	V0012	Piping Cement Product Cement Sleeve On Pipe	27	D	3	0	0	0	Crocidolite	Yes	NF
Asbestos	V0013	Wall All Paint On Concrete Block (1964 Era)	3,5,7,14,15,25	C	0	11300	0	0	Chrysotile	Yes	NF
Asbestos	V0014	Floor Mastic Mastic Under 9"x9" Vinyl Floor Tiles Olive With White Streaks	3	C	0	0	0	100	None Detected	No	
Asbestos	V0015	Floor Mastic Mastic Under 9"x9" Vinyl Floor Tiles Blue With White Streaks	5	C	0	0	0	100	None Detected	No	
Asbestos	V0016	Floor Mastic Mastic Under 9"x9" Vinyl Floor Tiles Brown With White Streaks	7	C	0	0	0	100	None Detected	No	
Asbestos	V0017	Floor Mastic Mastic Under 12"x12" Vinyl Floor Tiles Tan With White And Brown Streaks	4,6,8	A,B	0	0	0	100	None Detected	No	
Asbestos	V0018	Floor Vinyl Floor Tile 18" Grey Peel And Stick Floor Tiles	1,15,16,19,25,26,27	A,B,C,D,E	0	0	0	100	None Detected	No	
Asbestos	V0019	Floor Floor Levelling Compound Levelling Compound And Mastic Under 18" Grey Peel And Stick Floor Tiles	1,15,16,19,25,26,27	A,B,C,D,E	0	0	0	100	None Detected	No	
Asbestos	V0020	Floor Mastic Mastic Under 9"x9" Vinyl Floor Tiles Green	17	A	0	1100	0	0	Chrysotile	Yes	NF
Asbestos	V0021	Floor Mastic Carpet Mastic	17	A	0	0	0	100	None Detected	No	
Asbestos	V0022	Wall Window Caulking Interior Beige Window Caulking (1949 Era)	6,18	A	0	0	0	100	None Detected	No	
Asbestos	V0023	Wall Window Caulking Interior Beige Window	8	B	0	0	0	100	None Detected	No	

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
		Caulking (1954 Era)									
Asbestos	V0024	Wall Window Caulking Interior Grey Window Caulking (1949 Era)	4,17	A	0	0	0	100	None Detected	No	
Asbestos	V0025	Wall Door Caulking Interior Door Caulking (1964 Era)	23	A	0	0	0	100	None Detected	No	
Asbestos	V0026	Wall Mortar Exterior Brick Mortar (1949 Era)	4,6,17,18	A	0	0	0	100	None Detected	No	
Asbestos	V0027	Wall Window Caulking Exterior Brown Window Caulking (1949 Era)	4,6,17,18,40	A	0	0	0	100	None Detected	No	
Asbestos	V0028	Wall Paint On Concrete Block (1981 Era)	31	E	0	0	0	100	None Detected	No	
Asbestos	V0029	Floor Grout Grout In Ceramic Tiles (1981 Era)	31	E	0	0	0	100	None Detected	No	
Asbestos	V0030	Floor Mastic Mastic Behind Ceramic Tiles (1981 Era)	31	E	0	0	0	100	None Detected	No	
Asbestos	V0031	Floor Mastic Mastic Under 12"x12" Vinyl Floor Tiles Off-white With Brown Streaks	12,17,20,31	A,E	0	0	0	100	None Detected	No	
Asbestos	V0032	Wall Mortar Exterior Block Mortar (1981 Era)	31,40	A,E	0	0	0	100	None Detected	No	
Asbestos	V0033	Wall Mortar Exterior Brick Mortar (1968 Era)	1,27,40	A,D	0	0	0	100	None Detected	No	
Asbestos	V0034	Wall Window Caulking Exterior Beige Caulking On Windows (room 1, 1a And 2; 1968 Era)	1,2,40	A,D	0	0	0	100	None Detected	No	
Asbestos	V0035	Wall Window Caulking Interior Beige Caulking On Windows (room 1, 1a And 2; 1968 Era)	1,2	D	0	0	0	100	None Detected	No	
Asbestos	V0036	Wall Mortar Exterior Brick Mortar (1964 Era)	3,5,7	C	0	0	0	100	None Detected	No	
Asbestos	V0037	Wall Window Caulking Exterior Beige Caulking On Windows (1964 Era)	3,5,7,40	A,C	600	0	0	100	Chrysotile	Yes	NF
Asbestos	V0038	Wall Window Caulking Interior Silver Caulking On Windows (1964 Era)	3,5,7	C	0	0	0	100	None Detected	No	
Asbestos	V0039	Wall Mortar Exterior Brick Mortar (1954 Era)	8,40	A,B	0	0	0	100	None Detected	No	
Asbestos	V0040	Wall Window Caulking Exterior Beige Caulking On Windows (1954 Era)	8,40	A,B	0	0	0	100	None Detected	No	
Asbestos	V0041	Ceiling Drywall And Joint Compound Room 25 (1964 Era)	25	C	0	0	0	100	None Detected	No	
Asbestos	V0042	Wall Base Adhesive/mastic 3" Vinyl Baseboard And Black Mastic	25,27	C,D	0	0	0	100	None Detected	No	
Asbestos	V0043	Ceiling Drywall And Joint Compound Room 20 (1949 Era)	20,23	A	0	0	0	100	None Detected	No	
Asbestos	V0044	Wall Drywall And Joint Compound Room 17a (1949 Era)	17	A	0	0	0	100	None Detected	No	
Asbestos	V0046	Floor Mastic Black Mastic Under 12"x12" Vinyl Floor Tiles	25,27	C,D	0	0	0	100	None Detected	No	
Asbestos	V0047	Wall Base Adhesive/mastic Brown Remnant Baseboard Mastic	17	A	0	0	0	100	None Detected	No	
Asbestos	V0048	Wall Mortar Concrete Block Mortar (1968 Era)	25,27,40	A,C,D	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	V0049	Wall Mortar Concrete Block Mortar (1964 Era)	20,23	A	0	0	0	100	None Detected	No	
Asbestos	V0050	Wall Mortar Concrete Block Mortar (1981 Era)	31,40	A,E	0	0	0	100	None Detected	No	
Asbestos	V0051	Wall Paint Concrete Block Filler Paint (1964 Era)	20,22,23	A	0	0	0	100	None Detected	No	
Asbestos	V0052	Wall Paint Concrete Block Filler Paint (1981 Era)	12,16,18,24,31	A,E	0	0	0	100	None Detected	No	
Asbestos	V0053	Floor Vinyl Floor Tile 12"x12" Tan With White And Brown Streaks	4,6,8	A,B	0	3000	0	0	Chrysotile	Yes	NF
Asbestos	V0057	Floor Vinyl Floor Tile 12"x12" Off-white With Brown Streaks	20	A	0	0	0	100	None Detected	No	
Asbestos	V0060	Floor Vinyl Floor Tile 9"x9" Green With White Streaks	17	A	0	1100	0	0	Chrysotile	Yes	NF
Asbestos	V0061	Floor Vinyl Floor Tile 9"x9" Brown With White Streaks	7	C	0	450	0	0	Chrysotile	Yes	NF
Asbestos	V0062	Floor Vinyl Floor Tile 9"x9" Grey With White And Brown Streaks	7	C	0	450	0	0	Chrysotile	Yes	NF
Asbestos	V0063	Floor Vinyl Floor Tile 9"x9" Blue With White Streaks	5	C	0	900	0	0	Chrysotile	Yes	NF
Asbestos	V0064	Floor Vinyl Floor Tile 9"x9" Olive With White Streaks	3	C	0	900	0	0	Chrysotile	Yes	NF
Asbestos	V0065	Floor Vinyl Floor Tile 12"x12" Olive With White Flecks	14	C	0	300	0	0	Chrysotile	Yes	NF
Asbestos	V0066	Floor Vinyl Floor Tile 12"x12" Coffee With Dark Brown And White Streaks	2	D	0	900	0	0	Chrysotile	Yes	NF
Asbestos	V0067	Floor Vinyl Floor Tile 12"x12" Brown With Light And Dark Streaks	1	D	0	0	0	100	None Detected	No	
Asbestos	V0068	Floor Vinyl Floor Tile 12"x12" Off-white With Brown Streaks	12,17,31	A,E	0	2300	0	0	Chrysotile	Yes	NF
Asbestos	V0069	Floor Vinyl Floor Tile 12"x12" Chocolate Brown With White Streaks	31	E	0	500	0	0	Chrysotile	Yes	NF
Asbestos	V0072	Floor Vinyl Floor Tile 12"x12" Beige With White Streaks	18	A	0	200	0	0	Chrysotile	Yes	NF
Asbestos	V0073	Wall Plaster Textured Plaster Walls (1949 Era)	19,20,23	A,B	0	2100	0	0	Chrysotile	Yes	PF
Asbestos	V0074	Ceiling Plaster Smooth Plaster Ceiling (1949 Era)	4,6,17,18,19,20,23	A,B	0	0	0	100	None Detected	No	
Asbestos	V0075	Ceiling, Wall Drywall And Joint Compound Corridor 26 (1949 Era)	4,6,17,18,26	A	0	0	0	100	None Detected	No	
Asbestos	V0076	Ceiling, Wall Bulkhead Drywall And Joint Compound Room 16 And 24 (1981 Era)	15,16,24	C,E	0	0	0	100	None Detected	No	
Asbestos	V0077	Wall Plaster Smooth Plaster Walls (1964 Era)	5,7,15,25,26	A,C	0	0	0	100	None Detected	No	
Asbestos	V0078	Ceiling, Wall Drywall And Joint Compound Room 3, South Wall And Closet Ceiling (1964 Era)	3,5,7,14	C	0	750	0	0	Chrysotile	Yes	NF

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
Asbestos	V0079	Wall Drywall And Joint Compound Room 19 (1968 Era)	19	B	0	0	0	100	None Detected	No	
Asbestos	V0080	Wall Plaster Smooth Plaster On North Wall (1968 Era)	1,19	B,D	0	0	0	100	None Detected	No	
Asbestos	V0081	Wall Drywall And Joint Compound Room 9 And 10 (1954 Era)	8,9	B	0	0	0	100	None Detected	No	
Asbestos	V0082	Ceiling Acoustic Tile Ceiling Tiles (lay-in) 2'x4' Fissures In 2' Direction And Pinholes	4,6,9,17	A,B	0	0	0	100	None Detected	No	
Asbestos	V0083	Ceiling Acoustic Tile Ceiling Tiles (glue-on) 12"x12" Smooth Tiles	4,6,8,9,19	A,B	0	0	0	100	None Detected	No	
Asbestos	V0084	Ceiling Ceiling Tiles (glue-on) 12"x12" Long Fissure And Pinholes	26	A	0	0	0	100	None Detected	No	
Asbestos	V0085	Ceiling Acoustic Tile Ceiling Tiles (glue-on) 12"x12" Large And Small Circle Pattern	4,6,17,18,19	A,B	0	0	0	100	None Detected	No	
Asbestos	V0086	Ceiling Acoustic Tile Ceiling Tiles (lay-in) 2'x4' Rounded Fissure And Elongated Fissure With Pinholes	24	E	0	0	0	100	None Detected	No	
Asbestos	V0087	Ceiling Acoustic Tile Ceiling Tiles (glue-on) 12"x12" Smooth Face Plain	15,16	C,E	0	0	0	100	None Detected	No	
Asbestos	V0088	Ceiling Acoustic Tile Ceiling Tiles (lay-in) 2'x4' Fissure In 4' Direction And Natural Back	2	D	0	0	0	100	None Detected	No	
Asbestos	V0089	Ceiling Acoustic Tile Ceiling Tiles (glue-on) 12"x12" Large And Small Circle Pattern (1968 Era)	1,2,14	C,D	0	0	0	100	None Detected	No	
Asbestos	V0090	Ceiling Acoustic Tile Ceiling Tiles (lay-in) 2'x4' Medium Fissure And Pinholes	24	E	0	0	0	100	None Detected	No	
Asbestos	V0092	Wall Paper Paper On Fibreglass Insulation On North Wall	9	B	0	0	0	100	None Detected	No	
Asbestos	V0093	Wall Paper Black Paper On Exterior Brick	9	B	0	0	0	100	None Detected	No	
Asbestos	V0094	Ceiling Wood Fibreboard Above 12"x12" Ceiling Tiles On Wood Deck	9	B	0	0	0	100	None Detected	No	
Asbestos	V0095	Wall Base Adhesive/mastic Brown Mastic On Black Vinyl Baseboard	8,9	B	0	0	0	100	None Detected	No	
Asbestos	V0097	Wall Base Rubber Black Vinyl Baseboard	8,9	B	0	0	0	100	None Detected	No	
Asbestos	V0098	Wall Paper Black Paper On Fibreglass Insulation On South Wall Above Closet	9	B	0	0	0	100	None Detected	No	
Asbestos	V0099	Ceiling Adhesive/mastic Ceiling Tile Mastic	4,6,8,15,16,17,18,19	A,B,C,E	0	0	0	100	None Detected	No	
Asbestos	V0101	Ceiling Mastic Mastic On Drywall Ceiling	3,5,7	C	0	0	0	100	None Detected	No	
Asbestos	V0102	Ceiling Cement Product Cement Board On Ceiling	21,22	A	0	800	0	0	Chrysotile	Yes	NF
Asbestos	V0103	Piping Domestic Hot Water Parging Cement Thermal Insulation On Pipe Fittings (1964 Era)	3,5,7,25	C	0	0	23	0	Chrysotile	Yes	F

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
Asbestos	V0104	Piping Rain Water Leader Horsehair Horsehair Around Rain Water Leader	3	C	0	0	0	100	None Detected	No	
Asbestos	V0105	Ceiling Cement Product Cement Board On South Soffit	27,40	A,D	0	40	0	100	Chrysotile	Yes	NF
Asbestos	V0106	Piping Rain Water Leader Thermal Insulation Thermal Insulation On Pipe Fittings On Rain Water Piping (room 11d)	31	E	0	0	0	100	None Detected	No	
Asbestos	V0108	Wall Window Caulking Interior Grey Window Caulking (room 9)	8,9	B	0	0	0	100	None Detected	No	
Asbestos	V0109	Wall Door Caulking Interior White Door Frame Caulking (room 20)	20	A	0	0	0	100	None Detected	No	
Asbestos	V0110	Wall Window Caulking Exterior Brown Door Frame Caulking (room 20)	20,23,40	A	0	0	0	100	None Detected	No	
Asbestos	V0111	Wall Caulking Exterior Grey Window Caulking (room 9 And 19)	9,19,40	A,B	0	0	0	100	None Detected	No	
Asbestos	V0113	Ceiling Adhesive/mastic Dark Brown Ceiling Tile Mastic (corridor 26)	26	A	0	0	0	100	None Detected	No	
Asbestos	V0114	Wall Mortar Brick Mortar On West Wall	2,40	A,D	0	0	0	100	None Detected	No	
Asbestos	V0115	Wall Parging Cement Parging Cement On Lower Exterior Wall Below Brick (room 9 Exterior)	9	B	0	0	0	100	None Detected	No	
Asbestos	V0116	Floor Epoxy Blue Cementitious Flooring	2	D	0	0	0	100	None Detected	No	
Asbestos	V0117	Piping Domestic Hot Water Parging Cement Hot Water Elbow Insulation	2,14,27	C,D	0	0	23	0	Chrysotile	Yes	F
Asbestos	V0118	Piping Domestic Hot Water Parging Cement Domestic Water Elbow Insulation (1949 Era)	21,22,26	A	0	0	31	0	Chrysotile	Yes	F
Asbestos	V0119	Ceiling Acoustic Tile Ceiling Tiles (glue-on) 12"x12" Ceiling Tiles (corridor 26)	26	A	0	0	0	100	None Detected	No	
Asbestos	V0120	Piping Rain Water Leader Parging Cement Rain Water Leader Elbow Insulation (1981 Era)	31	E	0	0	4	0	None Detected	No	
Asbestos	S0121 ABC	Wall Bulkhead Plaster	1	D	0	0	0	100	None Detected	No	
Asbestos	S0122 ABC	Wall Bulkhead Drywall And Joint Compound On Exterior Wall	1,2,25	C,D	0	60	0	100	None Detected	No	
Asbestos	S0123 ABC	Wall Exterior Adhesive/mastic 1a	1,2	D	0	0	0	100	None Detected	No	
Asbestos	S0124 ABC	Floor Vinyl Floor Tile And Mastic 12"x12" Beige With Orange Streak	1	D	0	300	0	0	Chrysotile	Yes	NF
Asbestos	S0125 ABC	Other Sink Mastic, Gold	2	D	0	0	1	0	Chrysotile	Yes	NF
Asbestos	S0126 ABC	Other Door Caulking Door Panel	2	D	10	0	0	0	None Detected	No	
Asbestos	S0127 ABC	Wall Tar Over Fiberglass Panel, Exterior Wall In Millwork	3	C	0	0	0	100	None Detected	No	
Asbestos	S0128 ABC	Piping Tar Paper Exterior Wall	3,5,7,26	A,C	0	0	0	100	None Detected	No	
Asbestos	S0129 ABC	Wall Plaster	7,25	C	0	0	0	0	None Detected	No	

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
Asbestos	S0131 ABC	Floor Vinyl Floor Tile And Mastic 9x9 Black With Green And White Streaks	17	A	0	3300	0	0	Chrysotile	Yes	NF
Asbestos	S0132 ABC	Wall Drywall And Joint Compound	17	A	0	0	0	100	None Detected	No	
Asbestos	S0133 ABC	Wall Plaster	4,17	A	0	0	0	100	None Detected	No	
Asbestos	S0134 ABC	Wall Plaster	4,17	A	0	0	0	0	None Detected	No	
Asbestos	S0135 ABC	Floor Vinyl Floor Tile And Mastic 9x9 Red	4	A	0	1000	0	0	Chrysotile	Yes	NF
Asbestos	S0136 ABC	Wall Door Caulking	31	E	0	0	0	0	None Detected	No	
Asbestos	S0137 ABC	Floor Mastic Mastic Under 12"x12" Chocolate Brown With White Streaks	31	E	0	1500	0	0	None Detected	No	
Asbestos	S0138 ABC	Piping Sweatwrap	21	A	5	0	0	0	Chrysotile	Yes	F
Asbestos	S0139 ABC	Floor Vinyl Floor Tile And Mastic 9x9 Dark Brown	6	A	0	0	0	0	Chrysotile	Yes	NF
Asbestos	V0140	Wall Door Caulking Exterior Door 6	40	A	0	0	0	0	None Detected	No	
Asbestos	V0141	Wall Door Frame Caulking	40	A	0	0	0	100	None Detected	No	
Asbestos	V0142	Wall Door Frame Caulking	40	A	0	0	0	0	None Detected	No	
Asbestos	S0143 ABC	Wall Wood Vapour Barrier On Wood	25	C	0	0	0	0	None Detected	No	
Asbestos	S0144 ABC	Wall Plaster 1954 Section - Single Layer Plaster	26	A	0	0	0	0	None Detected	No	
Asbestos	V9000	Piping Conduit Cement Product Sleeves	25	C	0	0	3	0	Confirmed Asbestos	Yes	NF
Asbestos	V9500	Other Thermal Insulation Bulkhead In Room 1, Bulkhead, No Access, South Corner Of Room 1b, No Access To Chase, South Corner Of Room, No Access To Chase	1,4	A,D	0	0	0	100	Presumed Asbestos	Yes	F
Asbestos	V9500	Piping Parging Cement No Access, Assumed Present Behind Access Panel Exterior Wall In Millwork	5	C	0	0	2	0	Presumed Asbestos	Yes	F
Asbestos	V9500	Wall Blackboard Adhesive/mastic	1,2,3,4,5	A,C,D	0	0	0	100	Presumed Asbestos	Yes	NF
Asbestos	V0000	Ceiling Acoustic Tile Ceiling Tiles (lay-in) 2'x4' Irregular Fissures And Uniform Pinholes, 07/06/99	1,3,5,7,8,19,27	B,C,D	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Ceiling Acoustic Tile Ceiling Tiles (lay-in) 2'x4' Small Multidirectional Fissures And Pinholes, 08/27/20	12,24,31	E	0	0	0	100	Non Asbestos	No	
Asbestos	V0000	Piping Fibreglass	17	A	0	0	0	0	Non Asbestos	No	
Paint	L0001	Wall Masonry	1	D	0	0	0	100		No	-
Paint	L0002	Wall Plaster	1	D	0	0	0	100	Lead (Low)	Yes	-
Paint	L0003	Wall Drywall And Joint Compound	1	D	0	0	0	100		No	-
Paint	L0004	Wall Plaster	7,25	C	0	0	0	100		No	-
Paint	L0005	Wall Drywall And Joint Compound	8	B	0	0	0	0		No	-
Paint	L0006	Wall Drywall And Joint Compound	17	A	0	0	0	100		No	-

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
Paint	L0007	Wall Plaster	17	A	0	0	0	100	Lead (Low)	Yes	-
Paint	L0008	Wall Wood	4	A	0	0	0	100	Lead (Low)	Yes	-
Paint	L0009	Ceiling Drywall And Joint Compound	7	C	0	0	0	100	Lead (Low)	Yes	-
Paint	L0010	Wall Masonry	31	E	0	0	0	0		No	-
Paint	L0011	Structure Metal Red On Metal Joist	25	C	0	0	0	100	Lead (High)	Yes	-
Paint	L0012	Structure Metal Red On Metal Joist	2	D	0	0	0	100	Lead (High)	Yes	-
Paint	L0014	Structure Metal Red On Metal Joists	24	E	0	0	0	100	Lead (High)	Yes	-
Paint	L0015	Structure Metal Red On Metal Joists	9	B	0	0	0	100	Lead (Low)	Yes	-
PCB	V0000	Light Ballasts	1,2	D	0	0	0	0	-	No	-
Hg	V9000	Light Fixture	1,2,3,4,5,7,17,31	A,C,D,E	0	0	0	100	Hg	Yes	-
Hg	V9000	Thermostat	1,2,4,5,17	A,C,D	0	0	5	0	Hg	Yes	-
Hg	V9500	Thermostat	7	C	0	0	1	0	Presumed Hg	Yes	-
Hg	V0000	Light Fixture	31	E	0	0	0	0	-	No	-

Legend:

Sample number	Units	
S####	SF	Asbestos sample collected
L####	LF	Paint sample collected
P####	EA	PCB sample collected
M####	%	Mould sample collected
V####		Material visually similar to numbered sample collected
V0000		Known non Hazardous Material
V9000		Material is visually identified as Hazardous Material
V9500		Material is presumed to be Hazardous Material
[Loc. No.]		Abated Material
		NF Non Friable material.
		F Friable material
		PF Potentially Friable material

APPENDIX VI
HMIS All Data Report

Client: Halton District School Board
Location: #1 : Classroom/SERT Room
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 1-A-B-C
Last Re-Assessment:

Area (sqft): 1200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Mastic, Brown mastic on 12"x12" small and large pinholes		Ceiling tiles (glue-on)	D	N		100			%	V0003	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling tiles (glue-on), 12"x12" Large and small circle pattern			C	N		100			%	V0089	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling tiles (glue-on), 12"x12" Large and small circle pattern			C	Y		100			%	V0089	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 2'x4' Irregular fissures and uniform pinholes, 07/06/99			C	Y		100			%	V0000	Non-Asbestos		None	
Ceiling	Bulkhead	Drywall and joint compound			C	Y		100			%	V0004	None Detected	N.D.	None	
Duct		Not Insulated			C	N										
Floor		Vinyl Floor Tile and Mastic, 12"x12" Beige with beige flecks (accent tiles)			A	Y		100			%	V0005	None Detected	N.D.	None	
Floor ¹		Vinyl Floor Tile and Mastic, 12"x12" beige with orange streak		Vinyl Floor Tile	D	N		300(7)			SF	S0124ABC	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Floor		Mastic, Under 12"x12" brown with brown white and black flecks		Vinyl Floor Tile	D	N		400(7)			SF	V0002	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Floor		Mastic, Mastic under 18" grey peel and stick floor tiles		Vinyl Floor Tile	D	N		100			%	V0019	None Detected	N.D.	None	
Floor		Vinyl Floor Tile, 12"x12" Brown with light and dark streaks			A	Y		100			%	V0067	None Detected	N.D.	None	
Floor		Vinyl Floor Tile, 18" Grey peel and stick floor tiles			A	Y		100			%	V0018	None Detected	N.D.	None	
Mechanical Equipment	Heating Ventilating Air Conditioning Unit	Not Insulated			A	Y										
Other		Thermal Insulation, South corner of room 1B, no access to chase		Drywall and joint compound	D	N		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	F
Other		Thermal Insulation, Bulkhead in room 1		Drywall and joint compound	D	N		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	F
Piping		Fibreglass	Insulation		C	N										
Structure	Deck	Steel			D	N										
Structure ²	Not Accessible				D	N										
Wall		Drywall and joint compound, Room 1C			A	Y		100			%	V0004	None Detected	N.D.	None	
Wall		Drywall and joint compound, On exterior wall			A	Y		60			SF	S0122A	None Detected	N.D.	None	
Wall		Plaster, Smooth plaster on north wall			A	Y		100			%	V0080	None Detected	N.D.	None	
Wall		Plaster, 1A			A	Y		100			%	S0121B	None Detected	N.D.	None	
Wall		Paint, On concrete block			A	Y		1800(7)			SF	V0001	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall		Mortar, Exterior brick mortar			A	Y		100			%	V0033	None Detected	N.D.	None	
Wall	Base	Adhesive/mastic, Brown mastic below grey baseboard		Rubber	D	N		100			%	V0007	None Detected	N.D.	None	

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Wall	Base	Rubber, Grey baseboard			A	Y		100			%	V0006	None Detected	N.D.	None	
Wall	Bulkhead	Plaster			C	Y		100			%	S0121AC	None Detected	N.D.	None	
Wall	Blackboard	Adhesive/mastic			D	N		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Wall	Exterior	Adhesive/mastic, 1A		Fibreglass	D	N		100			%	S0123ABC	None Detected	N.D.	None	
Wall	Window	Caulking, Exterior beige caulking on windows			A	Y		100			%	V0034	None Detected	N.D.	None	
Wall	Window	Caulking, Interior beige caulking on windows			A	Y		100			%	V0035	None Detected	N.D.	None	

1 - Room 1A & 1B

2 - No access above solid ceiling in 1B

Client: Halton District School Board
Location: #1 : Classroom/SERT Room
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 1-A-B-C
Last Re-Assessment:
Area (sqft): 1200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	100		%	L0001		Pb: 0.0054 %	No	
Wall	Plaster	100		%	L0002		Pb: 0.024 %	Lead (Low)	
Wall	Drywall and joint compound	100		%	L0003		Pb: <0.00023 %	No	

Client: Halton District School Board
Location: #1 : Classroom/SERT Room
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 1-A-B-C
Last Re-Assessment:
Area (sqft): 1200

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Thermostat	1	EA	V9000	Yes
Light Fixture	100	%	V9000	Yes

Client: Halton District School Board
Location: #1 : Classroom/SERT Room
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 1-A-B-C
Last Re-Assessment:
Area (sqft): 1200

PCB							
Component	Good	Poor	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts				V0000	Fixture is 1998		No

Client: Halton District School Board
Location: #2 : Classroom
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 2-A-C
Last Re-Assessment:

Area (sqft): 1100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Mastic, Brown mastic on 12"x12" small and large pinholes		Ceiling tiles (glue-on)	D	N		100			%	V0003	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling tiles (glue-on), 12"x12" Large and small circle pattern			C	N		100			%	V0089	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 2'x4' Fissure in 4' direction and natural back			C	Y		100			%	V0088	None Detected	N.D.	None	
Duct		Fibreglass	Insulation	Foil Face	C	N										
Floor		Ceramic Tiles			A	Y										
Floor		Mortar, Mortar in ceramic tiles		Ceramic Tiles	D	N		100			%	V0009	None Detected	N.D.	None	
Floor		Grout, Grout in ceramic tiles			A	Y		100			%	V0010	None Detected	N.D.	None	
Floor		Mastic, Mastic under 12"x12" vinyl floor tiles coffee with dark brown and white streaks		Vinyl Floor Tile	D	N		100			%	V0008	None Detected	N.D.	None	
Floor		Vinyl Floor Tile, 12"x12" Coffee with dark brown and white streaks			A	Y		900(7)			SF	V0066	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Floor		Epoxy, Blue cementitious flooring			A	Y		100			%	V0116	None Detected	N.D.	None	
Mechanical Equipment	Radiator	Not Insulated, Limited accessibility			D	L										
Other	Door	Caulking, Door panel			C	Y		10			LF	S0126ABC	None Detected	N.D.	None	
Other	Sink	Mastic, Gold			B	Y		1(7)			EA	S0125ABC	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Piping		Fibreglass		Foil Face	D	N										
Piping	Domestic Hot Water	Parging Cement, Hot water elbow insulation	Elbow	Canvas	D	N		2(7)			EA	V0117	Chrysotile	25-50%	Confirmed Asbestos	F
Piping	Domestic Hot Water	Parging Cement, Hot water elbow insulation	Elbow	Canvas	C	N		3(7)			EA	V0117	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Steel			D	N										
Wall		Paint, On concrete block			A	Y		2000(7)			SF	V0001	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall		Mortar, Brick mortar on west wall			A	Y		100			%	V0114	None Detected	N.D.	None	
Wall	Bulkhead	Drywall and joint compound			C	Y		100			%	S0122B	None Detected	N.D.	None	
Wall	Blackboard	Adhesive/mastic			D	N		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Wall	Exterior	Adhesive/mastic		Fibreglass	D	N		100			%	V0123	None Detected	N.D.	None	
Wall	Window	Caulking, Exterior beige caulking on windows			A	Y		100			%	V0034	None Detected	N.D.	None	
Wall	Window	Caulking, Interior beige caulking on windows			A	Y		100			%	V0035	None Detected	N.D.	None	

Client: Halton District School Board
Location: #2 : Classroom
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 2-A-C
Last Re-Assessment:

Area (sqft): 1100

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Structure	Metal	100		%	L0012	Red on metal joist	Pb: 0.22 %	Lead (High)	

Client: Halton District School Board
Location: #2 : Classroom
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 2-A-C
Last Re-Assessment:

Area (sqft): 1100

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Thermostat	1	EA	V9000	Yes
Light Fixture	100	%	V9000	Yes

Client: Halton District School Board
Location: #2 : Classroom
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 2-A-C
Last Re-Assessment:

Area (sqft): 1100

PCB							
Component	Good	Poor	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts				V0000	T8		No

Client: Halton District School Board
Location: #3 : Classroom
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 3
Last Re-Assessment:

Area (sqft): 900

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Wood, Fibreboard		Mastic	C	N										
Ceiling		Drywall and joint compound, Closet ceiling			C	Y		100(7)			SF	V0078	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Ceiling		Mastic, Mastic on drywall ceiling			C	N		100			%	V0101	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 2'x4' Irregular fissures and uniform pinholes, 07/06/99			C	Y		100			%	V0000	Non-Asbestos		None	
Duct	Not Accessible															
Floor		Mastic, Mastic under 9"x9" vinyl floor tiles olive with white streaks		Vinyl Floor Tile	D	N		100			%	V0014	None Detected	N.D.	None	
Floor		Vinyl Floor Tile, 9"x9" Olive with white streaks			A	Y		900(7)			SF	V0064	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Mechanical Equipment	Not Found															
Piping		Fibreglass		Canvas	C	N										
Piping		Tar Paper, Exterior wall	Straight		D	N						S0128A	None Detected	N.D.	None	
Piping ¹	Domestic Hot Water	Parging Cement, Thermal insulation on pipe fittings	Elbow	Canvas	D	N		2(7)			EA	V0103	Chrysotile	10-25%	Confirmed Asbestos	F
Piping	Domestic Hot Water	Parging Cement, Thermal insulation on pipe fittings	Elbow	Canvas	C	N		1(7)			EA	V0103	Chrysotile	10-25%	Confirmed Asbestos	F
Piping	Rain Water Leader	Horsehair, Horsehair around rain water leader		Canvas	C	N		100			%	V0104	None Detected	N.D.	None	
Structure	Deck	Steel			D	N										
Wall		Drywall and joint compound, South wall			A	Y		100(7)			SF	V0078	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall		Paint, On concrete block			A	Y		1900(7)			SF	V0013	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall		Mortar, Exterior brick mortar			A	Y		100			%	V0036	None Detected	N.D.	None	
Wall		Tar, Over fiberglass panel, exterior wall in millwork			D	N		100			%	S0127ABC	None Detected	N.D.	None	
Wall	Blackboard	Adhesive/mastic			D	N		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Wall	Window	Caulking, Exterior beige caulking on windows			A	Y		200(7)			LF	V0037	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall	Window	Caulking, Interior silver caulking on windows			A	Y		100			%	V0038	None Detected	N.D.	None	

1 - Exterior wall in millwork

Client: Halton District School Board
Location: #3 : Classroom
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 3
Last Re-Assessment:

Area (sqft): 900

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	100	%	V9000	Yes

Client: Halton District School Board
Location: #4 : Classroom
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 4
Last Re-Assessment:

Area (sqft): 1000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster, Smooth plaster ceiling			D	N		100			%	V0074	None Detected	N.D.	None	
Ceiling		Adhesive/mastic, Ceiling tile mastic		Ceiling tiles (glue-on)	D	N		100			%	V0099	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling tiles (glue-on), 12"x12" Smooth tiles			C	N		100			%	V0083	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling tiles (glue-on), 12"x12" Large and small circle pattern			C	N		100			%	V0085	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 2'x4' Fissures in 2' direction and pinholes			C	Y		100			%	V0082	None Detected	N.D.	None	
Duct	Not Accessible															
Floor		Vinyl Floor Tile and Mastic, 9x9 red		Vinyl Floor Tile and Mastic	D	N		1000(7)			SF	S0135ABC	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Floor		Mastic, Mastic under 12"x12" vinyl floor tiles tan with white and brown streaks		Vinyl Floor Tile	D	N		100			%	V0017	None Detected	N.D.	None	
Floor		Vinyl Floor Tile, 12"x12" tan with white and brown streaks			A	Y		1000(7)			SF	V0053	Chrysotile	5-10%	Confirmed Asbestos	NF
Mechanical Equipment	Not Found															
Other		Thermal Insulation, South corner of room, no access to chase		Drywall and joint compound	D	N		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	F
Other		Thermal Insulation, Bulkhead, no access		Drywall and joint compound	D	N		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	F
Piping	Not Accessible															
Structure	Deck	Steel			D	N										
Wall		Drywall and joint compound			A	Y		100			%	V0075	None Detected	N.D.	None	
Wall		Plaster			A	Y						S0133C	None Detected	N.D.	None	
Wall		Plaster			A	Y						S0134BC	None Detected	N.D.	None	
Wall		Mortar, Exterior brick mortar			A	Y		100			%	V0026	None Detected	N.D.	None	
Wall	Blackboard	Adhesive/mastic			D	N		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Wall	Window	Caulking, Interior grey window caulking			A	Y		100			%	V0024	None Detected	N.D.	None	
Wall	Window	Caulking, Exterior brown window caulking			A	Y		100			%	V0027	None Detected	N.D.	None	

Client: Halton District School Board
Location: #4 : Classroom
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 4
Last Re-Assessment:

Area (sqft): 1000

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Wood	100		%	L0008		Pb: 0.084 %	Lead (Low)	

Client: Halton District School Board
Location: #4 : Classroom

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 4

Area (sqft): 1000

Survey Date: 2024-05-21

Last Re-Assessment:

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Thermostat	1	EA	V9000	Yes
Light Fixture	100	%	V9000	Yes

Client: Halton District School Board
Location: #5 : Classroom
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 5
Last Re-Assessment:

Area (sqft): 900

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Wood, Fibreboard		Mastic	C	N										
Ceiling		Drywall and joint compound, Closet ceiling			C	Y		100(7)			SF	V0078	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Ceiling		Mastic, Mastic on drywall ceiling			C	N		100			%	V0101	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 2'x4' Irregular fissures and uniform pinholes, 07/06/99			C	Y		100			%	V0000	Non-Asbestos		None	
Duct	Not Accessible															
Floor		Mastic, Mastic under 9"x9" vinyl floor tiles blue with white streaks		Vinyl Floor Tile	D	N		100			%	V0015	None Detected	N.D.	None	
Floor		Vinyl Floor Tile, 9"x9" Blue with white streaks			A	Y		900(7)			SF	V0063	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Mechanical Equipment	Not Found															
Piping		Parging Cement, No access, assumed present behind access panel exterior wall in millwork	Fitting		D	N		2(7)			EA	V9500	Presumed Asbestos		Presumed Asbestos	F
Piping		Tar Paper	Straight		A	Y						S0128B	None Detected	N.D.	None	
Piping	Domestic Hot Water	Parging Cement, Thermal insulation on pipe fittings	Elbow	Foil Face	A	Y		2(5)			EA	V0103	Chrysotile	10-25%	Confirmed Asbestos	F
Piping	Domestic Hot Water	Parging Cement, Thermal insulation on pipe fittings	Elbow	Foil Face	C	N		4(7)			EA	V0103	Chrysotile	10-25%	Confirmed Asbestos	F
Structure	Deck	Steel			D	N										
Wall		Drywall and joint compound			A	Y		200(7)			SF	V0078	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall		Plaster, Smooth plaster walls			A	Y		100			%	V0077	None Detected	N.D.	None	
Wall		Paint, On concrete block			A	Y		1800(7)			SF	V0013	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall		Mortar, Exterior brick mortar			A	Y		100			%	V0036	None Detected	N.D.	None	
Wall	Blackboard	Adhesive/mastic			D	N		100(7)			%	V9500	Presumed Asbestos		Presumed Asbestos	NF
Wall	Window	Caulking, Interior silver caulking on windows			A	Y		100			%	V0038	None Detected	N.D.	None	
Wall	Window	Caulking, Exterior beige caulking on windows			A	Y		200(7)			LF	V0037	Chrysotile	0.5-5%	Confirmed Asbestos	NF

Client: Halton District School Board
Location: #5 : Classroom
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 5
Last Re-Assessment:

Area (sqft): 900

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	100	%	V9000	Yes
Thermostat	1	EA	V9000	Yes

Client: Halton District School Board
Location: #6 : Classroom
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 6
Last Re-Assessment:

Area (sqft): 1000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster, Smooth plaster ceiling			D	N		100			%	V0074	None Detected	N.D.	None	
Ceiling		Adhesive/mastic, Ceiling tile mastic		Ceiling tiles (glue-on)	D	N		100			%	V0099	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling tiles (glue-on), 12"x12" Smooth tiles			C	N		100			%	V0083	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling tiles (glue-on), 12"x12" Large and small circle pattern			C	N		100			%	V0085	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 2'x4' Fissures in 2' direction and pinholes			C	Y		100			%	V0082	None Detected	N.D.	None	
Duct	Not Accessible															
Floor		Vinyl Floor Tile and Mastic, 9x9 Dark brown		Vinyl Floor Tile	D	N						S0139ABC	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Floor		Mastic, Mastic under 12"x12" vinyl floor tiles tan with white and brown streaks		Vinyl Floor Tile	D	N		100			%	V0017	None Detected	N.D.	None	
Floor		Vinyl Floor Tile, 12"x12" tan with white and brown streaks			A	Y		1000(7)			SF	V0053	Chrysotile	5-10%	Confirmed Asbestos	NF
Mechanical Equipment	Not Found															
Piping	Not Accessible															
Structure	Deck	Steel			D	N										
Wall		Drywall and joint compound			A	Y		100			%	V0075	None Detected	N.D.	None	
Wall		Mortar, Exterior brick mortar			A	Y		100			%	V0026	None Detected	N.D.	None	
Wall	Window	Caulking, Interior beige window caulking			A	Y		100			%	V0022	None Detected	N.D.	None	
Wall	Window	Caulking, Exterior brown window caulking			A	Y		100			%	V0027	None Detected	N.D.	None	

Client: Halton District School Board
Location: #7 : Classroom
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 7
Last Re-Assessment:

Area (sqft): 900

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Wood, Fibreboard		Mastic	C	N										
Ceiling		Drywall and joint compound, Closet ceiling			C	Y		100(7)			SF	V0078	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Ceiling		Mastic, Mastic on drywall ceiling			C	N		100			%	V0101	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 2'x4' Irregular fissures and uniform pinholes, 07/06/99			C	Y		100			%	V0000	Non-Asbestos		None	
Duct	Not Accessible															
Floor		Mastic, Mastic under 9"x9" vinyl floor tiles brown with white streaks		Vinyl Floor Tile	D	N		100			%	V0016	None Detected	N.D.	None	
Floor		Vinyl Floor Tile, 9"x9" Brown with white streaks			A	Y		450(7)			SF	V0061	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Floor		Vinyl Floor Tile, 9"x9" Grey with white and brown streaks			A	Y		450(7)			SF	V0062	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Mechanical Equipment	Not Found															
Piping		Tar Paper			D	N						V0128	None Detected	N.D.	None	
Piping	Domestic Hot Water	Parging Cement, Thermal insulation on pipe fittings	Elbow	Canvas	C	Y		1(7)			EA	V0103	Chrysotile	10-25%	Confirmed Asbestos	F
Piping	Domestic Hot Water	Parging Cement, Thermal insulation on pipe fittings	Elbow	Canvas	C	N		1(7)			EA	V0103	Chrysotile	10-25%	Confirmed Asbestos	F
Piping	Domestic Hot Water	Parging Cement	Elbow	Canvas	D	N		2(7)			EA	V0103	Chrysotile	10-25%	Confirmed Asbestos	F
Structure	Deck	Steel			D	N										
Wall		Drywall and joint compound, South wall			A	Y		100(7)			SF	V0078	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall		Plaster, Smooth plaster walls			A	Y		100			%	V0077	None Detected	N.D.	None	
Wall		Plaster			A	Y						S0129B	None Detected	N.D.	None	
Wall		Paint, On concrete block			A	Y		1800(7)			SF	V0013	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall		Mortar, Exterior brick mortar			A	Y		100			%	V0036	None Detected	N.D.	None	
Wall	Window	Caulking, Exterior beige caulking on windows			A	Y		200(7)			LF	V0037	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall	Window	Caulking, Interior silver caulking on windows			A	Y		100			%	V0038	None Detected	N.D.	None	

Client: Halton District School Board
Location: #7 : Classroom
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 7
Last Re-Assessment:

Area (sqft): 900

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Ceiling	Drywall and joint compound	100		%	L0009		Pb: 0.053 %	Lead (Low)	
Wall	Plaster				V0004		Pb: 0.00029 %	No	

Client: Halton District School Board

Site: Elementary Schools

Building Name: Glen Williams Public School

Location: #7 : Classroom
Survey Date: 2024-05-21

Floor: 1

Room #: 7
Last Re-Assessment:

Area (sqft): 900

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Thermostat	1	EA	V9500	Presumed
Light Fixture	100	%	V9000	Yes

Client: Halton District School Board
Location: #8 : Classroom
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 8
Last Re-Assessment:

Area (sqft): 1000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Adhesive/mastic, Ceiling tile mastic		Ceiling tiles (glue-on)	D	N		100			%	V0099	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling tiles (glue-on), 12"x12" Smooth tiles			C	N		100			%	V0083	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 2'x4' Irregular fissures and uniform pinholes, 07/06/99			C	Y		100			%	V0000	Non-Asbestos		None	
Duct	Not Accessible															
Floor		Mastic, Mastic under 12"x12" vinyl floor tiles tan with white and brown streaks		Vinyl Floor Tile	D	N		100			%	V0017	None Detected	N.D.	None	
Floor		Vinyl Floor Tile, 12"x12" tan with white and brown streaks			A	Y		1000(7)			SF	V0053	Chrysotile	5-10%	Confirmed Asbestos	NF
Mechanical Equipment	Not Found															
Piping	Not Accessible															
Structure	Deck	Steel			D	N										
Wall		Drywall and joint compound			A	Y		100			%	V0081	None Detected	N.D.	None	
Wall		Mortar, Exterior brick mortar			A	Y		100			%	V0039	None Detected	N.D.	None	
Wall	Base	Adhesive/mastic, Brown mastic on black vinyl baseboard		Rubber	D	N		100			%	V0095	None Detected	N.D.	None	
Wall	Base	Rubber, Black vinyl baseboard			A	Y		100			%	V0097	None Detected	N.D.	None	
Wall	Window	Caulking, Interior beige window caulking			A	Y		100			%	V0023	None Detected	N.D.	None	
Wall	Window	Caulking, Exterior beige caulking on windows			A	Y		100			%	V0040	None Detected	N.D.	None	
Wall	Window	Caulking, Interior white door frame caulking			A	Y		100			%	V0108	None Detected	N.D.	None	

Client: Halton District School Board
Location: #8 : Classroom
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 8
Last Re-Assessment:

Area (sqft): 1000

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Drywall and joint compound				L0005		Pb: 0.0015 %	No	

Client: Halton District School Board
Location: #9 : Classroom
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 9
Last Re-Assessment:

Area (sqft): 1400

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Wood, Fibreboard above 12"x12" ceiling tiles on wood deck		Ceiling tiles (glue-on)	D	N		100			%	V0094	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling tiles (glue-on), 12"x12" Smooth tiles			C	N		100			%	V0083	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 2'x4' Fissures in 2' direction and pinholes			C	Y		100			%	V0082	None Detected	N.D.	None	
Duct	Not Accessible															
Floor		Wood			A	Y										
Floor		Ceramic Tiles			A	Y		200			SF					
Floor		Mastic, Black mastic under 9"x9" vinyl floor tiles			D	N						V0091	[None]	0.5-5%	[Abated]	
Floor		Vinyl Floor Tile, 12"x12" Tan with white and brown streaks			A	Y						V0053	[None]	5-10%	[Abated]	
Floor		Vinyl Floor Tile, 9"x9" Brown concealed under 12"x12" vinyl floor tiles		Vinyl Floor Tile	D	N						V0058	[None]	0.5-5%	[Abated]	
Mechanical Equipment	Not Found															
Piping	Not Accessible															
Structure	Deck	Steel			D	N										
Wall		Drywall and joint compound			A	Y		100			%	V0081	None Detected	N.D.	None	
Wall		Parging Cement, Parging cement on lower exterior wall below brick			A	Y		100			%	V0115	None Detected	N.D.	None	
Wall		Paper, Paper on fibreglass insulation on north wall		Fibreglass	C	N		100			%	V0092	None Detected	N.D.	None	
Wall		Paper, Black paper on exterior brick			D	N		100			%	V0093	None Detected	N.D.	None	
Wall		Paper, Black paper on fibreglass insulation on south wall above closet		Fibreglass	C	N		100			%	V0098	None Detected	N.D.	None	
Wall		Caulking, Exterior grey window caulking			A	Y		100			%	V0111	None Detected	N.D.	None	
Wall	Base	Adhesive/mastic, Brown mastic on black vinyl baseboard		Rubber	D	N		100			%	V0095	None Detected	N.D.	None	
Wall	Base	Rubber, Black vinyl baseboard			A	Y		100			%	V0097	None Detected	N.D.	None	
Wall	Window	Caulking, Interior white door frame caulking			A	Y		100			%	V0108	None Detected	N.D.	None	

Client: Halton District School Board
Location: #9 : Classroom
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 9
Last Re-Assessment:

Area (sqft): 1400

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Structure	Metal	100		%	L0015	Red on metal joists	Pb: 0.10 %	Lead (Low)	

Client: Halton District School Board
Location: #12 : Staff Washroom
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 12
Last Re-Assessment:

Area (sqft): 150

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 2'x4' Small multidirectional fissures and pinholes, 08/27/20			C	Y		100			%	V0000	Non-Asbestos		None	
Duct		Not Insulated			C	N										
Floor		Ceramic Tiles			A	Y		150			SF					
Floor		Mastic, Mastic under 12"x12" vinyl floor tiles off-white with brown streaks		Vinyl Floor Tile	D	N		100			%	V0031	None Detected	N.D.	None	
Floor ¹		Vinyl Floor Tile, 12"x12" Off-white with brown streaks		Ceramic Tiles	D	N		150(7)			SF	V0068	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Mechanical Equipment	Not Found															
Piping		Fibreglass		Canvas	C	N										
Structure	Deck	Steel			C	N										
Wall		Paint, Concrete block filler paint			A	Y		100			%	V0052	None Detected	N.D.	None	

1 - Concealed under ceramic tiles

Client: Halton District School Board
Location: #14 : Caretaker/Supply Room
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 14-B
Last Re-Assessment:

Area (sqft): 350

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Drywall and joint compound, Caretaker room ceiling			C	Y		50(7)			SF	V0078	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Ceiling		Mastic, Brown mastic on 12"x12" small and large pinholes		Ceiling tiles (glue-on)	D	N		100			%	V0003	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling tiles (glue-on), 12"x12" Large and small circle pattern			C	Y		100			%	V0089	None Detected	N.D.	None	
Duct		Not Insulated			C	N										
Duct	Not Accessible															
Floor		Ceramic Tiles			A	Y		50			SF					
Floor		Mastic, Under 12"x12" olive with white flecks		Vinyl Floor Tile	D	N		100			%	V0011	None Detected	N.D.	None	
Floor		Vinyl Floor Tile, 12"x12" Olive with white flecks			A	Y		300(7)			SF	V0065	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Mechanical Equipment	Not Found															
Piping		Fibreglass		Canvas	A	Y										
Piping	Domestic Hot Water	Parging Cement, Behind millwork, east corner storage room	Elbow	Canvas	D	N		1(7)			EA	V0117	Chrysotile	25-50%	Confirmed Asbestos	F
Piping	Domestic Hot Water	Parging Cement	Elbow	Canvas	C	N		3(7)			EA	V0117	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Steel			D	N										
Wall ¹		Paint, On concrete block			A	Y		400(7)			SF	V0001	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall ²		Paint, On concrete block			A	Y		400(7)			SF	V0013	Chrysotile	0.5-5%	Confirmed Asbestos	NF

1 - Phase D

2 - Phase C

Client: Halton District School Board
Location: #15 : Main Office
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 15
Last Re-Assessment:

Area (sqft): 300

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Adhesive/mastic, Ceiling tile mastic		Ceiling tiles (glue-on)	D	N		100			%	V0099	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling tiles (glue-on), 12"x12" Smooth face plain			C	Y		100			%	V0087	None Detected	N.D.	None	
Duct	Not Accessible															
Floor		Mastic, Mastic under 18" grey peel and stick floor tiles		Vinyl Floor Tile	D	N		100			%	V0019	None Detected	N.D.	None	
Floor		Vinyl Floor Tile, 18" Grey peel and stick floor tiles			A	Y		100			%	V0018	None Detected	N.D.	None	
Mechanical Equipment	Not Found															
Piping	Not Accessible															
Structure	Deck	Steel			D	N										
Wall		Drywall and joint compound			A	Y		100			%	V0076	None Detected	N.D.	None	
Wall		Plaster, Smooth plaster walls			A	Y		100			%	V0077	None Detected	N.D.	None	
Wall		Paint, On concrete block			A	Y		400(7)			SF	V0013	Chrysotile	0.5-5%	Confirmed Asbestos	NF

Client: Halton District School Board
Location: #16 : Principal's Office
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 16
Last Re-Assessment:

Area (sqft): 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Adhesive/mastic, Ceiling tile mastic		Ceiling tiles (glue-on)	D	N		100			%	V0099	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling tiles (glue-on), 12"x12" Smooth face plain			C	Y		100			%	V0087	None Detected	N.D.	None	
Duct	Not Accessible															
Floor		Mastic, Mastic under 18" grey peel and stick floor tiles		Vinyl Floor Tile	D	N		100			%	V0019	None Detected	N.D.	None	
Floor		Vinyl Floor Tile, 18" Grey peel and stick floor tiles			A	Y		100			%	V0018	None Detected	N.D.	None	
Mechanical Equipment	Not Found															
Piping	Not Accessible															
Structure	Deck	Steel			D	N										
Wall		Drywall and joint compound			A	Y		100			%	V0076	None Detected	N.D.	None	
Wall ¹		Paint, Concrete block filler paint			A	Y		100			%	V0052	None Detected	N.D.	None	

1 - Phase E

Client: Halton District School Board
Location: #17 : Library
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 17-A-B
Last Re-Assessment:

Area (sqft): 1300

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster, Smooth plaster ceiling			D	N		100			%	V0074	None Detected	N.D.	None	
Ceiling		Adhesive/mastic, Ceiling tile mastic		Ceiling tiles (glue-on)	D	N		100			%	V0099	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling tiles (glue-on), 12"x12" Large and small circle pattern			C	N		100			%	V0085	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 2'x4' Fissures in 2' direction and pinholes			C	Y		100			%	V0082	None Detected	N.D.	None	
Duct	Not Accessible															
Floor		Vinyl Floor Tile and Mastic, 9x9 black with green and white streaks		Carpet	D	N		3300(7)			SF	S0131ABC	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Floor		Carpet			A	Y										
Floor		Mastic, Mastic under 9"x9" vinyl floor tiles green		Vinyl Floor Tile	D	N		1100(7)			SF	V0020	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Floor		Mastic, Carpet mastic		Carpet	D	N		100			%	V0021	None Detected	N.D.	None	
Floor		Mastic, Mastic under 12"x12" vinyl floor tiles off-white with brown streaks		Vinyl Floor Tile	D	N		100			%	V0031	None Detected	N.D.	None	
Floor		Vinyl Floor Tile, 9"x9" Green with white streaks		Carpet	D	N		1100(7)			SF	V0060	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Floor ¹		Vinyl Floor Tile, Cream tiles concealed under 9"x9" vinyl floor tiles		Vinyl Floor Tile	D	N		1100			SF	V0070	[None]	0.5-5%	[Abated]	
Floor ²		Vinyl Floor Tile, 9"x9" Black with white blotches		Vinyl Floor Tile								V0071	[None]	5-10%	[Abated]	
Floor ³		Vinyl Floor Tile, 12"x12" Off-white with brown streaks			A	Y		150(7)			SF	V0068	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Mechanical Equipment	Not Found															
Piping		Fibreglass	Insulation		D	N						V0000	Non-Asbestos		None	
Structure	Deck	Steel			D	N										
Wall		Drywall and joint compound			A	Y		100			%	V0044	None Detected	N.D.	None	
Wall		Drywall and joint compound			A	Y		100			%	V0075	None Detected	N.D.	None	
Wall		Drywall and joint compound			A	Y		100			%	S0132ABC	None Detected	N.D.	None	
Wall ⁴		Plaster			A	Y		100			%	S0133AB	None Detected	N.D.	None	
Wall		Plaster, Single layer on dw lath			A	Y					%	S0134A	None Detected	N.D.	None	
Wall		Mortar, Exterior brick mortar			A	Y		100			%	V0026	None Detected	N.D.	None	
Wall		Caulking, Exterior brown window caulking			A	Y		100			%	V0027	None Detected	N.D.	None	
Wall	Base	Adhesive/mastic, Brown remnant baseboard mastic		Rubber	D	N		100			%	V0047	None Detected	N.D.	None	
Wall	Base	Rubber			A	Y										
Wall	Window	Caulking, Interior grey window caulking			A	Y		100			%	V0024	None Detected	N.D.	None	
Wall	Window	Caulking, Exterior brown window caulking			A	Y		100			%	V0027	None Detected	N.D.	None	

- 1 - Unknown
- 2 - Room 17A
- 3 - 17B

4 - 17B

Client: Halton District School Board
Location: #17 : Library
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 17-A-B
Last Re-Assessment:

Area (sqft): 1300

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Drywall and joint compound	100		%	L0006		Pb: 0.0010 %	No
Wall	Plaster	100		%	L0007		Pb: 0.037 %	Lead (Low)

Client: Halton District School Board
Location: #17 : Library
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 17-A-B
Last Re-Assessment:

Area (sqft): 1300

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Thermostat	1	EA	V9000	Yes
Light Fixture	100	%	V9000	Yes

Client: Halton District School Board
Location: #18 : Caretaker's Office
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 18
Last Re-Assessment:

Area (sqft): 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster, Smooth plaster ceiling			D	N		100			%	V0074	None Detected	N.D.	None	
Ceiling		Adhesive/mastic, Ceiling tile mastic		Ceiling tiles (glue-on)	D	N		100			%	V0099	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling tiles (glue-on), 12"x12" Large and small circle pattern			C	Y		100			%	V0085	None Detected	N.D.	None	
Duct	Not Accessible															
Floor		Mastic, Mastic under 12"x12" vinyl floor tiles coffee with dark brown and white streaks		Vinyl Floor Tile	D	N		100			%	V0008	None Detected	N.D.	None	
Floor		Vinyl Floor Tile, 12"x12" Beige with white streaks			A	Y		200(7)			SF	V0072	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Mechanical Equipment	Not Found															
Piping	Not Accessible															
Structure	Deck	Steel			D	N										
Wall		Drywall and joint compound			A	Y		100			%	V0075	None Detected	N.D.	None	
Wall ¹		Paint, Concrete block filler paint			A	Y		100			%	V0052	None Detected	N.D.	None	
Wall		Mortar, Exterior brick mortar			A	Y		100			%	V0026	None Detected	N.D.	None	
Wall	Window	Caulking, Exterior brown window caulking			A	Y		100			%	V0027	None Detected	N.D.	None	
Wall	Window	Caulking, Interior beige window caulking			A	Y		100			%	V0022	None Detected	N.D.	None	

1 - Phase E

Client: Halton District School Board
Location: #19 : Corridor/Staff Washroom
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 19-A-B
Last Re-Assessment:

Area (sqft): 500

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster, Smooth plaster ceiling		Ceiling tiles (glue-on)	D	N		100			%	V0074	None Detected	N.D.	None	
Ceiling		Adhesive/mastic, Ceiling tile mastic		Ceiling tiles (glue-on)	D	N		100			%	V0099	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling tiles (glue-on), 12"x12" Smooth tiles			C	N		100			%	V0083	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling tiles (glue-on), 12"x12" Large and small circle pattern			C	N		100			%	V0085	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 2'x4' Irregular fissures and uniform pinholes, 07/06/99			C	Y		100			%	V0000	Non-Asbestos		None	
Floor		Ceramic Tiles			A	Y		300			SF					
Floor		Floor Levelling Compound, Levelling compound under 18" grey peel and stick floor tiles		Vinyl Floor Tile	D	N		100			%	V0019	None Detected	N.D.	None	
Floor		Mastic, Mastic under 18" grey peel and stick floor tiles		Vinyl Floor Tile	D	N		100			%	V0019	None Detected	N.D.	None	
Floor		Mastic, Mastic under 12"x12" vinyl floor tiles light grey (new look)		Vinyl Floor Tile								V0096	[None]	N.D.	[Abated]	
Floor		Mastic, Cream vinyl floor tile mastic		Vinyl Floor Tile								V0100	[None]	N.D.	[Abated]	
Floor		Vinyl Floor Tile, 18" Grey peel and stick floor tiles			A	Y		100			%	V0018	None Detected	N.D.	None	
Floor		Vinyl Floor Tile, 12"x12" Dark grey with dark and light flecks										V0056	[None]	N.D.	[Abated]	
Floor		Vinyl Floor Tile, 12"x12" Light grey (new look)										V0059	[None]	N.D.	[Abated]	
Wall		Drywall and joint compound			A	Y		100			%	V0079	None Detected	N.D.	None	
Wall		Plaster, Smooth plaster on north wall			A	Y		100			%	V0080	None Detected	N.D.	None	
Wall		Plaster, Textured plaster walls			A	Y		100(7)			SF	V0073	Chrysotile	0.5-5%	Confirmed Asbestos	PF
Wall ¹		Paint, On concrete block			A	Y		400(7)			SF	V0001	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall		Caulking, Exterior grey window caulking			A	Y		100			%	V0111	None Detected	N.D.	None	
Wall	Base	Adhesive/mastic, Brown mastic below grey baseboard		Rubber	D	N		100			%	V0007	None Detected	N.D.	None	
Wall	Base	Rubber, Grey baseboard			A	Y		100			%	V0006	None Detected	N.D.	None	
Wall	Window	Caulking, Interior grey window caulking										V0107	[None]	N.D.	[Abated]	

1 - Phase D

Client: Halton District School Board
Location: #20 : Girl's Washroom
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 20-A-B
Last Re-Assessment:

Area (sqft): 500

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Drywall and joint compound			C	Y		100			%	V0043	None Detected	N.D.	None	
Ceiling		Plaster, Smooth plaster ceiling			C	Y		100			%	V0074	None Detected	N.D.	None	
Duct	Not Accessible															
Floor		Terrazzo			A	Y										
Floor		Mastic, Mastic under 12"x12" vinyl floor tiles off-white with brown streaks		Vinyl Floor Tile	D	N		100			%	V0031	None Detected	N.D.	None	
Floor ¹		Vinyl Floor Tile, 12"x12" Off-white with brown streaks			A	Y		100			%	V0057	None Detected	N.D.	None	
Mechanical Equipment	Not Found															
Piping		Parging Cement, Hot water elbow insulation, access hatch										V0117	[None]	25-50%	[Abated]	
Piping		Not Insulated			A	Y										
Structure	Deck	Steel			D	N										
Wall		Plaster, Textured plaster walls			A	Y		1000(7)			SF	V0073	Chrysotile	0.5-5%	Confirmed Asbestos	PF
Wall		Paint, Concrete block filler paint			A	Y		100			%	V0051	None Detected	N.D.	None	
Wall		Mortar, Concrete block mortar			A	Y		100			%	V0049	None Detected	N.D.	None	
Wall	Door	Caulking, Interior white door frame caulking			A	Y		100			%	V0109	None Detected	N.D.	None	
Wall	Window	Caulking, Exterior brown door frame caulking			A	Y		100			%	V0110	None Detected	N.D.	None	

1 - Caretaker Room 20A

Client: Halton District School Board
Location: #21 : Mechanical Room
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: B

Building Name: Glen Williams Public School
Room #: 21
Last Re-Assessment:

Area (sqft): 650

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Cement Product, Cement board on ceiling			C	Y		650(7)			SF	V0102	Chrysotile	25-50%	Confirmed Asbestos	NF
Duct		Fibreglass		Foil Face	C	Y										
Duct		Not Insulated			C	Y										
Floor		Concrete (poured)			A	Y										
Mechanical Equipment	All	Not Insulated			A	Y										
Piping		Fibreglass		Canvas	A	Y										
Piping		Fibreglass	Elbow	Plastic	A	Y										
Piping		Sweatwrap			A	Y		5(5)			LF	S0138ABC	Chrysotile	50-75%	Confirmed Asbestos	F
Piping	Domestic Hot Water	Parging Cement, Domestic water elbow insulation	Elbow	Canvas	A	Y		3(5)			EA	V0118	Chrysotile	50-75%	Confirmed Asbestos	F
Piping	Domestic Hot Water	Parging Cement, Hot water elbow insulation	Elbow	Canvas	C	Y		13(7)			EA	V0118	Chrysotile	50-75%	Confirmed Asbestos	F
Piping	Domestic Hot Water	Parging Cement, Domestic water elbow insulation	Tee	Canvas	C	Y		8(7)			EA	V0118	Chrysotile	50-75%	Confirmed Asbestos	F
Structure	Deck	Steel			C	N										
Wall		Concrete (precast)			A	Y										

Client: Halton District School Board
Location: #22 : Mechanical Room
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 22
Last Re-Assessment:

Area (sqft): 250

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Cement Product, Cement board on ceiling			C	Y		150(7)			SF	V0102	Chrysotile	25-50%	Confirmed Asbestos	NF
Duct		Fibreglass		Foil Face	A	Y										
Duct		Not Insulated			A	Y										
Floor		Concrete (poured)			A	Y										
Mechanical Equipment		Not Insulated			A	Y										
Piping		Fibreglass		Canvas	A	Y										
Piping		Fibreglass	Elbow	Plastic	A	Y										
Piping	Domestic Hot Water	Parging Cement, Domestic water elbow insulation	Elbow	Canvas	A	Y		1(5)			EA	V0118	Chrysotile	50-75%	Confirmed Asbestos	F
Structure	Deck	Steel			C	N										
Wall		Concrete (precast)			A	Y										
Wall		Paint, Concrete block filler paint			A	Y		100			%	V0051	None Detected	N.D.	None	

Client: Halton District School Board
Location: #23 : Boy's Washroom
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 23
Last Re-Assessment:

Area (sqft): 500

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Drywall and joint compound			C	Y		100			%	V0043	None Detected	N.D.	None	
Ceiling		Plaster, Smooth plaster ceiling			C	Y		100			%	V0074	None Detected	N.D.	None	
Ceiling		Adhesive/mastic, Brown mastic on 12"x12" ceiling tiles		Ceiling tiles (glue-on)								V0045	[None]	N.D.	[Abated]	
Duct	Not Accessible															
Floor		Terrazzo			A	Y										
Mechanical Equipment	Not Found															
Piping		Not Insulated			A	Y										
Structure	Deck	Steel			D	N										
Wall		Plaster, Textured plaster walls			A	Y		1000(7)			SF	V0073	Chrysotile	0.5-5%	Confirmed Asbestos	PF
Wall		Paint, Concrete block filler paint			A	Y		100			%	V0051	None Detected	N.D.	None	
Wall		Mortar, Concrete block mortar			A	Y		100			%	V0049	None Detected	N.D.	None	
Wall	Door	Caulking, Interior door caulking			A	Y		100			%	V0025	None Detected	N.D.	None	
Wall	Window	Caulking, Exterior brown door frame caulking			A	Y		100			%	V0110	None Detected	N.D.	None	

Client: Halton District School Board
Location: #24 : Corridor
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 1
Last Re-Assessment:

Area (sqft): 400

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 2'x4' Rounded fissure and elongated fissure with pinholes			C	Y		100			%	V0086	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 2'x4' Medium fissure and pinholes			C	Y		100			%	V0090	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 2'x4' Small multidirectional fissures and pinholes, 08/27/20			C	Y		100			%	V0000	Non-Asbestos		None	
Ceiling	Bulkhead	Drywall and joint compound			C	Y		100			%	V0076	None Detected	N.D.	None	
Duct		Not Insulated			C	N										
Floor		Ceramic Tiles			A	Y		400			SF					
Mechanical Equipment	Not Found															
Piping		Fibreglass		Canvas	C	N										
Structure	Deck	Steel			C	N										
Wall ¹		Paint, Concrete block filler paint			A	Y		100			%	V0052	None Detected	N.D.	None	

1 - Phase E

Client: Halton District School Board
Location: #24 : Corridor
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 1
Last Re-Assessment:

Area (sqft): 400

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Structure	Metal	100		%	L0014	Red on metal joists	Pb: 0.48 %	Lead (High)	

Client: Halton District School Board
Location: #25 : Corridor
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 25-A
Last Re-Assessment:

Area (sqft): 3000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Drywall and joint compound			C	Y		100			%	V0041	None Detected	N.D.	None	
Duct		Not Insulated, Access hatch			D	N										
Floor		Ceramic Tiles			A	Y		400			SF					
Floor ¹		Mastic, Black mastic under 12"x12" vinyl floor tiles		Vinyl Floor Tile	D	N		100			%	V0046	None Detected	N.D.	None	
Floor		Mastic, Mastic under 18" grey peel and stick floor tiles		Vinyl Floor Tile	D	N		100			%	V0019	None Detected	N.D.	None	
Floor		Vinyl Floor Tile, 18" Grey peel and stick floor tiles			A	Y		100			%	V0018	None Detected	N.D.	None	
Mechanical Equipment	Not Found															
Piping	Conduit	Cement Product, Sleeves			C	N		3(7)			EA	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Piping	Domestic Hot Water	Parging Cement, Thermal insulation on pipe fittings, access hatch	Elbow	Canvas	D	N		8(7)			EA	V0103	Chrysotile	10-25%	Confirmed Asbestos	F
Piping	Domestic Hot Water	Parging Cement, Thermal insulation on pipe fittings, access hatch	Tee	Canvas	D	N		2(7)			EA	V0103	Chrysotile	10-25%	Confirmed Asbestos	F
Structure	Deck	Steel			D	N										
Wall		Wood, Vapour barrier on wood			C	N						S0143ABC	None Detected	N.D.	None	
Wall		Plaster, Smooth plaster walls			A	Y		100			%	V0077	None Detected	N.D.	None	
Wall		Plaster			A	Y						S0129AC	None Detected	N.D.	None	
Wall		Mortar, Concrete block mortar			A	Y		100			%	V0048	None Detected	N.D.	None	
Wall	All	Paint, On concrete block			A	Y		5000(7)			SF	V0013	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall	Base	Adhesive/mastic, black mastic		Rubber	D	N		100			%	V0042	None Detected	N.D.	None	
Wall	Base	Rubber, 3" Vinyl baseboard			A	Y		100			%	V0042	None Detected	N.D.	None	
Wall	Bulkhead	Drywall and joint compound			C	Y		100			%	S0122C	None Detected	N.D.	None	

1 - Tiles abated

Client: Halton District School Board
Location: #25 : Corridor
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 25-A
Last Re-Assessment:

Area (sqft): 3000

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Plaster	100		%	L0004		Pb: 0.00029 %	No	
Structure	Metal	100		%	L0011	Red on metal joist	Pb: 0.11 %	Lead (High)	

Client: Halton District School Board
Location: #26 : Corridor
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 26
Last Re-Assessment:

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 (glue-on), 12"x12" Long fissure and pinholes			C	Y		100			%	V0084	None Detected	N.D.	None	
Ceiling		Drywall and joint compound		Ceiling tiles (glue-on)	D	N		100			%	V0075	None Detected	N.D.	None	
Ceiling		Adhesive/mastic, Dark brown ceiling tile mastic		Ceiling tiles (glue-on)	D	N		100			%	V0113	None Detected	N.D.	None	
Ceiling	Acoustic Tile	Ceiling tiles (glue-on), 12"x12" Ceiling tiles (Corridor 26)			C	Y		100			%	V0119	None Detected	N.D.	None	
Duct		Not Insulated, Access hatch			D	N										
Floor		Mastic, Black vinyl floor tile mastic		Vinyl Floor Tile	D	N						V0112	[None]	N.D.	[Abated]	
Floor		Mastic, Mastic under 18" grey peel and stick floor tiles		Vinyl Floor Tile	D	N		100			%	V0019	None Detected	N.D.	None	
Floor		Vinyl Floor Tile, 12"x12" Grey with white and dark flecks			A	Y						V0054	[None]	N.D.	[Abated]	
Floor		Vinyl Floor Tile, 18" Grey peel and stick floor tiles			A	Y		100			%	V0018	None Detected	N.D.	None	
Mechanical Equipment	Not Found															
Other ¹																
Piping		Fibreglass		Canvas	D	N										
Piping		Fibreglass		Foil Face	D	N										
Piping		Tar Paper			A	Y		100			%	S0128C	None Detected	N.D.	None	
Piping ²	Domestic Hot Water	Parging Cement, Domestic water elbow insulation, access hatch	Elbow	Canvas	D	N		6(7)			EA	V0118	Chrysotile	50-75%	Confirmed Asbestos	F
Structure	Deck	Steel			D	N										
Wall		Drywall and joint compound			A	Y		100			%	V0075	None Detected	N.D.	None	
Wall		Plaster, Smooth plaster walls			A	Y		100			%	V0077	None Detected	N.D.	None	
Wall		Plaster, 1954 section - single layer plaster			A	Y						S0144ABC	None Detected	N.D.	None	

1 - No access above ceiling

2 - Limited access

Client: Halton District School Board
Location: #27 : Vestibule
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 27-A
Last Re-Assessment:

Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Cement Product, Cement board on south soffit			C	Y		40(7)			SF	V0105	Chrysotile	25-50%	Confirmed Asbestos	NF
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 2'x4' Irregular fissures and uniform pinholes, 07/06/99			C	Y		100			%	V0000	Non-Asbestos		None	
Duct		Fibreglass		Foil Face	C	N										
Duct		Not Insulated			C	N										
Floor ¹		Mastic, Black mastic under 12"x12" vinyl floor tiles		Vinyl Floor Tile	D	N		100			%	V0046	None Detected	N.D.	None	
Floor		Mastic, Mastic under 18" grey peel and stick floor tiles		Vinyl Floor Tile	D	N		100			%	V0019	None Detected	N.D.	None	
Floor		Vinyl Floor Tile, 18" Grey peel and stick floor tiles			A	Y		100			%	V0018	None Detected	N.D.	None	
Mechanical Equipment	Not Found															
Piping		Cement Product, Cement sleeve on pipe			C	N		3(7)			LF	V0012	Chrysotile	10-25%	Confirmed Asbestos	NF
Piping		Fibreglass		Foil Face	C	N										
Piping	Domestic Hot Water	Parging Cement, Hot water elbow insulation, cheesecloth covering	Elbow	Canvas	C	N		13(7)			EA	V0117	Chrysotile	25-50%	Confirmed Asbestos	F
Piping	Domestic Hot Water	Parging Cement, Hot water elbow insulation	Tee	Canvas	C	N		1(7)			EA	V0117	Chrysotile	25-50%	Confirmed Asbestos	F
Structure	Deck	Steel			C	N										
Wall		Paint, On concrete block			A	Y		200(7)			SF	V0001	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall		Mortar, Exterior brick mortar			A	Y		100			%	V0033	None Detected	N.D.	None	
Wall		Mortar, Concrete block mortar			A	Y		100			%	V0048	None Detected	N.D.	None	
Wall	Base	Adhesive/mastic, Black mastic		Rubber	D	N		100			%	V0042	None Detected	N.D.	None	
Wall	Base	Rubber, 3" Vinyl baseboard			A	Y		100			%	V0042	None Detected	N.D.	None	

1 - Tiles abated

Client: Halton District School Board
Location: #31 : Gymnasium
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 11-A-B-C-D
Last Re-Assessment:

Area (sqft): 3000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	Acoustic Tile	Ceiling Tiles (lay-in), 2'x4' Small multidirectional fissures and pinholes, 08/27/20			C	Y		100			%	V0000	Non-Asbestos		None	
Duct	Not Accessible															
Floor		Ceramic Tiles			A	Y										
Floor		Grout, Grout in ceramic tiles			A	Y		100			%	V0029	None Detected	N.D.	None	
Floor		Mastic, Mastic behind ceramic tiles		Ceramic Tiles	D	N		100			%	V0030	None Detected	N.D.	None	
Floor		Mastic, Mastic under 12"x12" Chocolate brown with white streaks		Vinyl Floor Tile	D	N		1500			SF	S0137ABC	None Detected	N.D.	None	
Floor		Mastic, Mastic under 12"x12" vinyl floor tiles off-white with brown streaks		Vinyl Floor Tile	D	N		100			%	V0031	None Detected	N.D.	None	
Floor		Vinyl Floor Tile, 12"x12" Chocolate brown with white streaks			A	Y		500(7)			SF	V0069	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Floor		Vinyl Floor Tile, 12"x12" Off-white with brown streaks			A	Y		2000(7)			SF	V0068	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Mechanical Equipment	Not Found															
Piping		Fibreglass		Canvas	A	Y										
Piping	Rain Water Leader	Thermal Insulation, Thermal insulation on pipe fittings on rain water piping			C	N		100			%	V0106	None Detected	N.D.	None	
Piping	Rain Water Leader	Parging Cement, Rain water leader elbow insulation	Elbow	Canvas	C	Y		4			EA	V0120	None Detected	N.D.	None	
Structure	Deck	Steel			C	Y										
Wall ¹		Paint, Concrete block filler paint			A	Y		100			%	V0028	None Detected	N.D.	None	
Wall		Paint, Concrete block filler paint			A	Y		100			%	V0052	None Detected	N.D.	None	
Wall		Mortar, Concrete block mortar			A	Y		100			%	V0032	None Detected	N.D.	None	
Wall		Mortar, Concrete block mortar			A	Y		100			%	V0050	None Detected	N.D.	None	
Wall	Door	Caulking			A	Y						S0136ABC	None Detected	N.D.	None	

Previous Location 11
1 - Rooms 11A-B-C

Client: Halton District School Board
Location: #31 : Gymnasium
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 11-A-B-C-D
Last Re-Assessment:

Area (sqft): 3000

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry				L0010		Pb: 0.0021 %	No	

Previous Location 11

Client: Halton District School Board
Location: #31 : Gymnasium
Survey Date: 2024-05-21

Site: Elementary Schools
Floor: 1

Building Name: Glen Williams Public School
Room #: 11-A-B-C-D
Last Re-Assessment:

Area (sqft): 3000

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	100	%	V9000	Yes
Light Fixture ¹			V0000	

Previous Location 11
1 - LED

Client: Halton District School Board
Location: #40 : Exterior
Survey Date: 2024-05-21

Site: Elementary Schools
Floor:

Building Name: Glen Williams Public School
Room #:
Last Re-Assessment:

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Cement Product, Cement board on south soffit			C	Y		100(7)			%	V0105	Chrysotile	25-50%	Confirmed Asbestos	NF
Wall		Mortar, Exterior brick mortar			A	Y		100			%	V0039	None Detected	N.D.	None	
Wall		Mortar, Exterior brick mortar			A	Y		100			%	V0033	None Detected	N.D.	None	
Wall		Mortar, Brick mortar on west wall			A	Y		100			%	V0114	None Detected	N.D.	None	
Wall		Mortar, Exterior brick mortar			A	Y		100			%	V0033	None Detected	N.D.	None	
Wall		Mortar, Concrete block mortar			A	Y		100			%	V0048	None Detected	N.D.	None	
Wall		Mortar, Concrete block mortar			A	Y		100			%	V0032	None Detected	N.D.	None	
Wall		Mortar, Concrete block mortar			A	Y		100			%	V0050	None Detected	N.D.	None	
Wall		Caulking, Exterior grey window caulking			A	Y		100			%	V0111	None Detected	N.D.	None	
Wall	Door	Caulking, Exterior Door 6			A	Y						V0140	None Detected	N.D.	None	
Wall	Door Frame	Caulking			A	Y		100			%	V0141	None Detected	N.D.	None	
Wall	Door Frame	Caulking			A	Y					LF	V0142	None Detected	N.D.	None	
Wall	Window	Caulking, Exterior brown window caulking			A	Y		100			%	V0027	None Detected	N.D.	None	
Wall	Window	Caulking, Exterior brown door frame caulking			A	Y		100			%	V0110	None Detected	N.D.	None	
Wall	Window	Caulking, Exterior beige caulking on windows			A	Y		100			%	V0040	None Detected	N.D.	None	
Wall	Window	Caulking, Exterior beige caulking on windows			A	Y		100(7)			%	V0037	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall	Window	Caulking, Exterior beige caulking on windows			A	Y		100(7)			%	V0037	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall	Window	Caulking, Exterior beige caulking on windows			A	Y		100			%	V0034	None Detected	N.D.	None	

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



FORM OF TENDER

Project Reference #: RFT 26-042

Project: School Renovations - Glen Williams PS

From (Bidder): _____
Company Name

Street Address

City, Province and postal code

Phone Number

Email Address

To (Owner): Halton District School Board
2050 Guelph Line
Burlington, Ontario L7P 5A8

By signing below, I/We acknowledge that I/We have read and accept the terms and conditions of this document and further that I/We have the authority to bind the organization.

I/We acknowledge that I/We have received addenda numbered _____ to _____ and the fee(s) quoted incorporate such addenda.

I/We have included one (1) electronic copy of the proposal submission in accordance with the terms and conditions of this RFP.

If this proposal is accepted by the HDSB and the HDSB is proceeding with the internal approvals for the award of the Agreement, then I/we will provide the required proof of insurance, and all other required submittals within five (5) business days of notification from the HDSB.

I/We, the undersigned, having examined the RFX Documents for the above-named Project, including Addenda, HDSB Standard Terms and Conditions and hereby offer to perform the Work in accordance with the Tender Documents, for the Stipulated Price of:

RFT 26-042 School Renovations - Glen Williams Public School
Form of Tender Continued
Page 2 OF 2

Base Bid Amount to Complete Work Outlined in the Scope of Work	\$
Cash Allowance	\$15,000.00
Contingency Allowance	\$ 50,000.00
Total Base Bid Amount (Excluding HST)	\$

Proposed Subcontractor

Abatement Contractor	
Electrical Contractor	
Mechanical Contractor	

We, the undersigned, declare that:

- a. We agree to perform the Work within the required completion time specified in the Tender Documents,
- b. We have arrived at the Tender without collusion with any competitor,
- c. This Tender is open to acceptance by the Owner for a period of 120 days from the date of Tender Closing,
- d. All Form of Tender supplements called for by the Tender Documents from an integral part of this Tender.

Signature: _____
 LEGAL NAME OF BIDDER

 DATE

 AUTHORIZED SIGNATURE OF BIDDER

 & TITLE

 PRINTED NAME

I have the authority to bind the Bidder



APPENDIX A - DECLARATION SIGNATURE SHEET

1. I/WE DECLARE that this Submission is made without collusion, knowledge, and comparison of figures or arrangement with any other company, firm or person submitting a Submission for the same work.
2. I/WE DECLARE that to our knowledge no member of Halton District School Board is, will be or has become financially interested, directly or indirectly, in any aspect of the Contract other than in the appropriate discharge of his/her obligations as an employee/officer of Halton District School Board.
3. I/WE HAVE READ, Understood and agree to abide by the Agreement to Abide by the Established Process.
4. I/WE HAVE CAREFULLY examined the RFX documents, including Addenda, and the HDSB Standard Terms and Conditions and have a clear and comprehensive knowledge of what is being requested hereunder. By submitting the Submission, the Bidder agrees and consents to the administrative procedures of the Board, as well as the procedures, terms, conditions and provisions of the RFX, including the Form of Tender.
5. I/WE have carefully examined all of the Proposal Documents, and that we have thoroughly reviewed all proposal documentation and addenda (as applicable) and hereby accept and agree to same as forming part and parcel of the proposed Contract.
6. I/WE ARE AUTHORIZED BY and have the authority to bind the Bidder.

DATE: _____

NAME: _____
Please Print

SIGNATURE: _____

TITLE: _____

COMPANY NAME: _____

ADDRESS: _____

PHONE NUMBER: _____

E-MAIL ADDRESS: _____

E-MAIL to Send PO: _____



APPENDIX B - SUPPLIER ATTESTATION

I, the undersigned, on behalf of _____ **[Insert Full Legal Name of Supplier]** (the “Supplier”), hereby make the following declarations and attestations:

1. Compliance with Procurement Restrictions

The Supplier has read, understands, and agrees to comply with all applicable procurement restriction requirements as outlined by the Halton District School Board (HDSB), including, but not limited to, restrictions related to trade agreements, supplier eligibility, conflict of interest, and ethical business conduct.

2. Prohibited Suppliers and Affiliates

The Supplier confirms that neither it, nor any of its affiliated entities, principals, directors, or key personnel are currently debarred, suspended, or otherwise prohibited from bidding on or being awarded public contracts in the Province of Ontario, or in any other relevant jurisdiction applicable to this procurement.

3. Disclosure of Conflict of Interest

The Supplier confirms that it has disclosed any actual or potential conflict of interest or circumstances that may give rise to a perceived conflict of interest. If no such conflicts exist, the Supplier confirms that, to the best of its knowledge, none are known at the time of submission.

4. Ongoing Obligation

The Supplier acknowledges that compliance with the Procurement Restriction Policy is an **ongoing obligation**. The Supplier agrees to immediately notify the HDSB in writing if any information relevant to this declaration changes during the term of the procurement process or contract.

By signing below, I certify that the information provided in this attestation is true and accurate to the best of my knowledge.

Authorized Signature:

Name: [Insert Name]

Title: [Insert Title]

**Company Name: [Insert
Legal Name of Supplier]**

Date:



**APPENDIX C - PROCUREMENT RESTRICTION
POLICY COMPLIANCE DECLARATION**

In accordance with the Ontario Government's Procurement Restriction Policy and under the direction of the Ontario Government, the Halton District School Board (HDSB) is required to restrict participation in procurement opportunities from certain suppliers.

Specifically, U.S. based businesses are not eligible to participate in this procurement if they meet the following criteria:

- The business has its head office or principal place of business located in the United States; and,
- The business employs fewer than 250 full-time employees in Canada at the time of this procurement process.

Supplier Declaration of Status

Suppliers are required to declare their status in accordance with the above definition.

Please check one of the following boxes:

- We are a U.S. based business as defined under the Ontario Government's Procurement Restriction Policy.

- We are not a U.S. based business as defined under the Ontario Government's Procurement Restriction Policy.

By signing below, I certify that the information provided in this attestation is true and accurate to the best of my knowledge.

Authorized Signature:

Name: [Insert Name]

Title: [Insert Title]

**Company Name: [Insert
Legal Name of Supplier]**

Date:



**APPENDIX D - VOLUNTARY DECLARATION
OF DIVERSE SUPPLIER STATUS**

The Halton District School Board (HDSB) is committed to promoting equity, diversity, and inclusion in its procurement practices. In alignment with these values, HDSB encourages participation from diverse vendors, including businesses that are at least 51% owned, managed, and controlled by individuals from equity-deserving groups.

This declaration is **voluntary** and **will not be used as part of the evaluation or award process unless otherwise stated**. It is for data collection and internal reporting purposes only.

Please indicate if your business qualifies under one or more of the following categories (select all that apply):

- Indigenous-owned business
- Women-owned business
- Black-owned business
- Racialized (visible minority)-owned business
- 2SLGBTQIA+-owned business
- Persons with disabilities-owned business
- Canadian Veteran-owned business
- Social enterprise
- Other (please specify): _____
- Prefer not to disclose

By selecting any of the above, I affirm that at least 51% of the ownership and control of the business resides with individuals who self-identify with the selected category(ies).

Authorized Signature: _____

Name: _____

Title: _____

Company Name: _____

Date: _____



Appendix E – Notice of Intent Not to Submit a Bid

(Optional – For Vendors Who Do Not Intend to Respond)

If you do not intend to submit a bid in response to this RFX, the Halton District School Board (HDSB) would appreciate your assistance in completing this form and returning it to the email or online portal specified in the RFX. Your feedback helps us improve future procurement processes.

Company Name: _____

Contact Person: _____

Email Address: _____

Telephone Number: _____

Please check the applicable reason(s) for not submitting a response:

- The goods/services required are not within our area of expertise
- We are unable to meet the requirements/specifications
- Insufficient time to prepare a submission
- Cannot meet delivery or performance schedule
- Terms and conditions are too restrictive (please elaborate below)
- We do not wish to compete for this contract
- Already engaged in other work that conflicts with this opportunity
- Other (please specify): _____

Additional comments or suggestions for improving future opportunities (optional):

The HDSB thanks you for your time and interest.

Appendix F – Mandatory Incorporated Provisions

Some Mandatory Incorporated Provisions included in this RFX may not be relevant to every proposal and shall apply to the extent applicable.

Limitation of recourse; waiver as to the Crown (FAA s. 28)

Without limiting the *Financial Administration Act* (Ontario), including section 28, the Supplier acknowledges and agrees that its remedies, recourse and rights in respect of any Definitive Agreement are limited to HDSB and to HDSB's right, title and interest in its assets.

The Supplier further agrees that the following wording is a Mandatory Incorporated Provision and applies to every Definitive Agreement: "Supplier unconditionally and irrevocably waives and releases all other claims, remedies, recourse or rights against the Crown in right of Ontario in respect of the Agreement, and agrees that it shall have no remedies, recourse or rights in respect of the Agreement against the Crown in right of Ontario, any Ontario Ministry, Minister, agent, agency, servant, employee or representative of the Crown or any director, officer, servant, agent, employee or representative of a Crown agency or a corporation in which the Crown holds a majority of the shares or appoints a majority of the directors or members, other than against the Halton District School Board and its assets."

Freedom of Information and Privacy

Supplier shall comply with the Municipal Freedom of Information and Protection of Privacy Act ("**MFIPPA**") and treatment of confidential and personal information as set out in the RFX and HDSB Standard Terms and Conditions, including audit/disclosure obligations and records retention (minimum seven (7) years).

Accessibility

Supplier shall comply with the Ontario Human Rights Code, the Ontarians with Disabilities Act, 2005, and all regulations under each of the foregoing, including with respect to accessibility for Ontarians with disabilities.

WSIB/Health and Safety

Proof of WSIB coverage and compliance with the OHSA and applicable HDSB health and safety/asbestos requirements.

No Publicity

No publicity or promotion regarding HDSB or the Definitive Agreement without HDSB's prior written consent.

Audit Rights

HDSB reserves the right at any time during normal business hours, and as often as HDSB may deem necessary, to examine the successful Supplier's records with respect to the services delivered in connection with any Definitive Agreement. audit and records inspection rights as stated in the HDSB Standard Terms and Conditions.

The successful Supplier shall permit the HDSB to audit, examine, and make copies, excerpts or transcripts from such records, and to make audits of data relating to matters covered by any Definitive Agreement. The successful Supplier shall maintain and retain all records and other documents related to any purchase order, and any Definitive Agreement for a period of seven (7) years from the date of final payment, except in cases where unresolved audit questions require a longer period of time for resolution, as determined by the HDSB.

Contract Extension

Following the initial term of any Definitive Agreement, as applicable, the HDSB may, at its sole discretion, elect to extend any such Definitive Agreement for one or more additional term(s). Any such extension(s) shall be contingent upon satisfactory performance by the Supplier, as determined solely by the HDSB. The HDSB also reserves the right to negotiate the terms and conditions applicable to any extension, including, but not limited to, pricing and service levels.

Supplier's Conduct

When on HDSB property, the Supplier and its employees must:

- a) have proper identification (name badge, uniform with logo, photo I.D. etc.);
- b) be dressed appropriately, the following are not appropriate:
 - i. clothing that fails to contain the anatomy when the person is carrying out normal duties, and
 - ii. clothing with printed slogans, advertising or designs that are obscene or could have a double meaning;
- c) use appropriate language;
- d) refrain from wearing scented products or fragrances such as perfume, cologne, after shave, shampoos (as required);
- e) work with dignity, courtesy and respect for self and others;
- f) not make noise or move in corridors during morning announcements, and when playing the national anthem;
- g) observe procedures during fire evacuation and lockdowns, whether they are actual or test (drills); and
- h) park in designated spots.

The Supplier shall comply with all applicable HDSB policies and procedures, including but not limited to maintaining a smoke-free environment, and actively preventing,

refraining from, and promptly reporting any instances of sexual, racial, and ethno-cultural harassment or discrimination.

The Supplier will ensure that the education program is not interrupted and that the health and safety of the students and staff is not compromised.

Supplier acknowledges that no person who is impaired by alcohol or drugs will enter and/or remain on HDSB property.

The Supplier agrees that its employees and subcontractors will observe and comply with all standards, procedures, policies, rules and regulations of the HDSB, including but not limited to:

- a) privacy;
- b) use of facilities;
- c) use of equipment;
- d) building security; and,
- e) computer technology.

Smoking/Vaping on HDSB Property

The Supplier shall not, and shall not permit its employees, agents, contractors, and representatives to, smoke any substance, by any means within any HDSB buildings or on any HDSB property, including inside vehicles located on HDSB premises. This prohibition includes, but is not limited to, tobacco, cannabis in any form, and the use of vaping devices.

Vehicle operation on HDSB Property

The Supplier shall exercise due care and caution when operating motorized vehicles on school property, particularly during times when students are entering or exiting the school building, or are present outside on school grounds or adjacent areas, including recess, lunch periods, and before or after the school day.

Additionally, while on HDSB property, Supplier and its employees, agents, contractors, and representatives shall turn off their vehicles and remove the keys during any stop and must never leave a vehicle idling while unattended, nor parked in designated accessible parking spaces. The HDSB assumes no responsibility for any theft of, or theft from, vehicles operated by the Supplier or its employees, agents, contractors, and representatives.

Suppliers will be responsible for any damage to HDSB property including but not limited to asphalt or natural surfaces as a result of using them for access of heavy vehicles. Making good of natural surfaces or asphalt areas that are damaged in the course of the work shall be to the original (new) condition irrespective of their condition prior to commencement of the work, or the condition of the adjacent unaffected areas. Supplier

vehicles are only permitted to access, stand or be parked in areas designated by administrative staff of HDSB.

Assignment

Except as expressly set out in any Definitive Agreement, the Supplier shall not assign, transfer, subcontract, convey, or otherwise dispose of any Definitive Agreement, in whole or in part, nor any right, title, interest, or authority therein, to any other individual, firm, company, or corporation without the prior written consent of the HDSB. Any such action taken without prior written consent shall be deemed null and void.

For the purposes hereof, the transfer or issuance by the Supplier of more than fifty (50%) percent of the voting securities of the Supplier to any third party other than to an affiliate (as such term is defined in the *Business Corporations Act* (Ontario)) or the shareholder or shareholders of the Supplier as of the Closing Date, whether or not such transfer or issuance of voting securities takes place in one or more transactions, shall, for the purposes of this provision, be deemed to be an assignment of the Definitive Agreement requiring the consent of the HDSB, unless such transfer or issuance of shares is made pursuant to an initial public offering of common shares under the *Securities Act* (Ontario).

Change Orders

A Change Order arises when unforeseen conditions are identified that are directly related to the original scope of work as defined in the applicable Definitive Agreement.

For any Change Order not initiated by HDSB senior management, the following conditions must be met prior to issuance:

- a) Written approval from the HDSB must be obtained before any modifications are made to the applicable Definitive Agreement.
- b) No work associated with a proposed Change Order shall commence without prior written approval from HDSB.

All Change Order requests or recommendations must clearly outline the anticipated impact on both project cost and schedule. HDSB reserves the right to engage external consultants or experts to assess the necessity of the Change Order and to validate its financial or scheduling impact.

No alterations to the original scope of work shall proceed without formal written authorization from the HDSB. All changes shall be initiated through HDSB-issued Work Orders or Purchase Orders, which must include the agreed-upon change cost and be signed by both the Supplier and the HDSB's representative as authorization to proceed.

General contractor and all subcontractors are restricted to the following mark-ups on change orders:

- a) General contractor on their own work 5% overhead and 5% profit;
- b) General contractor on subcontractor work 5% overhead;
- c) Subcontractor on their own work 5% overhead and 5% profit; and
- d) Subcontractor on subcontractor work 5% overhead.

The mark-ups noted above cover all administrative costs and site supervision costs unless agreed upon by the HDSB. Mark-ups shall be calculated based on the net costs excluding all applicable taxes. All work intended to be expensed to/from a designated cash allowance are not subject to mark-ups.

Any work performed without a written, HDSB-signed change order will not be compensated, and that unauthorized changes may be grounds for termination.

Intellectual Property

The Supplier shall not use any intellectual property of HDSB including, but not limited to, logos, registered trademarks, or trade names of HDSB, at any time without the prior written approval of HDSB.

Force Majeure and Delay in Performance

Delays or failures in performance by either party under the Definitive Agreement shall not be considered a default or give rise to any claim for damages if caused by events beyond the reasonable control of the affected party. Such events include, but are not limited to government decrees, acts of God, fires, floods, riots, wars, rebellions, sabotage, and atomic or nuclear incidents. However, financial difficulties, strikes, lockouts, or other collective labor actions shall not be regarded as events beyond a party's control.

If either party reasonably determines that performance of the Definitive Agreement has been made impossible due to such an uncontrollable event, that party shall promptly notify the other in writing at which time HDSB may:

- Terminate the Definitive Agreement immediately without any further payments; or,
- Authorize the Supplier to continue performance of the Definitive Agreement with mutually agreed adjustments to accommodate the impact of the event.

Indemnification

The Supplier shall indemnify and hold harmless the HDSB, its trustees, officers, directors, employees, and agents from and against any and all liabilities, losses, damages, costs, and expenses (including legal, expert, and consultant fees), as well as

any claims, demands, actions, causes of action, or proceedings, whether in contract, tort, or otherwise, brought by any person, arising out of or in connection with:

- a. the Supplier's failure to comply with applicable laws, regulations, codes, or recognized industry standards in Ontario;
- b. labour, materials, or equipment provided in the performance of the Definitive Agreement;
- c. infringement or alleged infringement of intellectual property rights, including inventions, copyrights, trademarks, or patents used in performing the Definitive Agreement or resulting from the use or operation of any deliverable upon completion of the work contemplated by the Definitive Agreement.

Insurance

The Supplier shall obtain and maintain, at its own expense, minimum insurance coverages as required by HDSB with insurers licensed to operate in the Province of Ontario.

The Supplier shall provide proof of insurance (Certificate of Insurance) prior to commencing any work or services and subsequently from time to time upon request by HDSB, and at least 30 days prior to each anniversary of the Definitive Agreement.

Certificates must be provided in a form acceptable to HDSB and confirm that all policies include the required clauses and naming of HDSB as an Additional Insured.

Proof of WSIB Coverage

If the Supplier is subject to the *Workplace Safety and Insurance Act* ("WSIA") or the *Workplace Safety and Insurance Amendment Act, 2008* ("WSIAA"), the Supplier shall submit a valid clearance certificate of Workplace Safety and Insurance Board ("WSIB") coverage to the HDSB before commencing the performance of any work or services. In addition, the Supplier shall, from time to time during the term of the Definitive Agreement and at the request of the HDSB, provide additional WSIB clearance certificates.

The Supplier covenants and agrees to pay when due, and to ensure that each of its subcontractors pays when due, all amounts required to be paid by it or its subcontractors, from time to time during the term of the Definitive Agreement, under the WSIA and/or the WSIAA, failing which the HDSB shall have the right, in addition to and not in substitution for any other right it may have pursuant to the Agreement or otherwise at law or in equity, to pay to the WSIB any amount due pursuant to the WSIA or the WSIAA unpaid by the Supplier or its subcontractors and to deduct such amount from any amount due and owing from time to time to the Supplier pursuant to the Definitive Agreement together with all costs incurred by the HDSB in connection therewith.

Travel Expenses

The Supplier must obtain prior written approval from the HDSB for costs incurred as a result of accommodation or travel associated with the Definitive Agreement. These costs must be charged in accordance with the HDSB's travel policy, as may be amended from time to time. Suppliers may obtain applicable rates from the HDSB. All such pre-approved costs, where applicable, must be itemized separately on invoices.

HDSB shall not be responsible for any meal, hospitality, or incidental expenses incurred by the Supplier, whether incurred while travelling or otherwise including but not limited to:

- a. Meals, snacks and beverages;
- b. Gratuities;
- c. Laundry or dry cleaning;
- d. Valet services;
- e. Dependent care;
- f. Home management; and,
- g. Personal telephone calls.

Invoicing/Payment/EFT

Invoices, whether submitted in paper or electronic format as agreed upon by HDSB, must be provided within twenty eight (28) calendar days of the completion of the work to which an invoice relates. Each invoice shall be itemized and include, at a minimum, the following details:

- a. Invoice number;
- b. Invoice Date;
- c. HDSB's name and location, including the name of the requester/HDSB staff and the shipment destination;
- d. HDSB purchase order number (if applicable) and order date;
- e. Supplier's name or business number, address, telephone number and HST registration number;
- f. Description of products or services provided including hourly rates, service/delivery dates, service location, quantities and rates;
- g. Supplier's product number;
- h. Attached copy of the service report/work order completed;
- i. Manufacturer's product number, if applicable;
- j. Terms of payment
- k. HST and total cost;
- l. Total amount payable;
- m. Supplier HST #.

Supplier agrees and accepts HDSB's payment terms of Net 28 days. Payment may be made by HDSB via Electronic Funds Transfer (EFT), cheque or purchasing card at no additional cost to the HDSB.

The Supplier shall provide the HDSB with the necessary banking information to enable EFT, at no additional cost to the HDSB, for any related invoice payments including, but not limited to:

- a. A void cheque or letter from the Supplier's bank;
- b. Financial institution's name;
- c. Financial institution's transit number;
- d. Financial institution's account number; and,
- e. Email address for notification purposes.

The Supplier will complete a "HDSB Vendor Information Form", an "Application of Vendor Direct Deposit", and any other documentation if required by HDSB together with ancillary deliverables contemplated thereby.

HDSB may withhold payment for any disputed amounts or pending completion by Supplier of deliverables.

Environmental, Social, Governance, Ethical and Sustainability Considerations

The Supplier shall possess and provide information, if requested by HDSB, related to its robust Environmental, Social and Governance ("ESG") business framework. The Supplier shall collaborate and support the HDSB to align with their ESG framework as it relates to currently available ESG processes, products/equipment, technologies and/or sustainable initiatives.

To the extent practicable and without compromising quality, Suppliers shall promote:

- a. Environmental design principles as required by the HDSB (e.g., environmental sustainability, data security and privacy, lean construction practices, waste management, decarbonization, indoor air quality, comfort);
- b. Sustainable social design principles as required by HDSB (e.g., social equity and equality, diversity, inclusive, accessibility, economic, and cultural impacts that achieve overarching HDSB goals that helps shape healthy, diverse and inclusive environments); and,
- c. Governance practices to enhance positive impact to the HDSB (e.g., corporate oversight, risk management, staff retention and management, and leadership).

The Supplier shall keep HDSB informed about social procurement processes. Throughout the term of the Definitive Agreement, Supplier shall provide HDSB with information requested by HDSB to allow HDSB to assess Supplier's ESG commitments.

Governing Law/Attornment

Province of Ontario and applicable federal laws of Canada; attornment to Ontario courts.

Termination

HDSB may terminate any Definitive Agreement at anytime for convenience, with reasonable notice and payment to the Supplier for work performed to date.

Asbestos Management Requirements

In accordance with Ontario Regulation 278/05, Section 10(5), HDSB will provide access to site-specific asbestos inventories for all facilities where work is being performed. These inventories are available at each HDSB site.

Supplier shall review the applicable asbestos inventory prior to commencing any work to ensure full understanding of the site conditions in relation to their scope of work. Supplier shall comply with the HDSB's Asbestos Management Administrative Procedure is mandatory at all times. The procedure is available online at:

<http://www.hdsb.ca/our-board/Policy/AsbestosManagementInFacilities.pdf>

All work must be approved in advance by the relevant HDSB department. Supplier must thoroughly review the HDSB Asbestos Register and inspect site conditions for any suspected Asbestos-Containing Materials ("ACM") that may impact the work. If any unforeseen suspected ACM is encountered, work must cease immediately, and the HDSB or facility Owner must be notified without delay.

Where ACM is confirmed and impedes the completion of work, the Supplier shall coordinate with a HDSB-approved asbestos abatement contractor and arrange any required testing in consultation with HDSB Facility Services. Supplier is fully responsible for ensuring that their subcontractors comply with all related asbestos and health and safety requirements.

Workplace Hazardous Materials Information System

The Supplier shall ensure Workplace Hazardous Materials Information System ("WHMIS") Safety Data Sheets ("SDS") are onsite as required. Additionally, the Supplier will provide the HDSB's personnel WHMIS training, as it relates to the products and equipment, in accordance with the Ontario Occupational Health and Safety Act.

The Supplier shall provide the HDSB with online access to the SDS. If there are any changes or updates to the SDS, the Supplier shall update the documents within twenty-four (24) hours and provide notification to the HDSB that the SDS has been updated.

Electrical Requirements

The Supplier shall ensure electrical products are authorized or approved by the HDSB and in accordance with the Ontario Electrical Safety Code, the Canadian Standards Association Group (“CSA Group”), Underwriters Laboratories of Canada (“ULC”), a certification organization accredited with the Standards Council of Canada Act (Canada), and shall bear the certification organization’s mark identifying the goods certified for use in Canada. Certification shall be to the standard that is appropriate for the intended use of the electrical products at HDSB’s facilities.

Dangerous Goods Safety Requirements

Where applicable, the Supplier shall ensure its Products, documentation, labeling, transportation, storage, handling and usage meet industry standards and are compliant with all applicable regulatory laws and requirements including but not limited to the following:

- a. Dangerous Goods Transportation Act, R.S.O. 1990, c.D.1;
- b. Transportation of Dangerous Goods Act, 1992, S.C. 1992, c.34;
- c. Occupational Health and Safety Act, R.S.O. 1990, c.O.1;
- d. Occupational Health and Safety Act, R.R. O. 1990, Regulation 860 Workplace Hazardous Materials Information System (“WHMIS”);
- e. Hazardous Products Act, R.S.C., 1985, c. H-3; and,
- f. Restricted Components Regulations of the Explosives Act, R.S.C., 1985, c. E-17.

Reseller Authorization

The Supplier represents and warrants that it is an authorized reseller of all Products.

During the Term of the Definitive Agreement, the Supplier shall maintain the manufacturers’ authorized reseller status for all Products and provide proof of its status upon HDSB’s request. The Supplier must advise HDSB of any changes to its reseller status not less than thirty (30) days prior to such change.

HDSB Core List and Product Catalogue

The Supplier shall provide the following to HDSB when requested during the Term of the Definitive Agreement:

- a. Canadian published catalogue (e.g. education catalogue, public sector catalogue, lowest price catalogue) with Product details and images, in printed and/or electronic format;
- b. HDSB specific core Product list.

At the HDSB’s request, the HDSB and the Supplier shall develop a Core List specific to the HDSB needs. Details of the core list, including Product description, catalogue/OEM

number, packaging, Rates, escalations, and Rate refresh frequency/timing shall be mutually agreed upon by the HDSB and the Supplier and outlined in Agreement.

The Supplier shall provide the HDSB with thirty (30) days written notice prior to any rate increase. Rate increases shall be no greater than the twelve (12) month average of the Customer Price Index (CPI) for the applicable year and occur on an annual basis unless otherwise agreed to in writing by the HDSB and the Supplier. The financial incentives the Supplier and HDSB agree to shall be incorporated into the Agreement and reviewed and adjusted (e.g., annually) as required.

Product Samples

During the Term of the Definitive Agreement, the Supplier shall provide HDSB Product samples, as requested, for testing and evaluation to ensure Products meet HDSB requirements and are suitable for its purpose. Product samples may also be required when evaluating new Products, substitutes or alternatives. These Product samples shall be provided to HDSB at no additional cost.

At the end of the evaluation, HDSB is under no obligation to purchase these samples. For Products that are not consumables, HDSB may, however, choose to purchase the samples at discounted rates or return the samples at the Supplier's cost.

Product Labelling and Information

The Supplier shall meet all applicable labeling requirements including but not limited to the following:

- a. WHMIS labeling requirements;
- b. Expiry date information; and,
- c. Batch and/or lot number.

HDSB has the right to reject any shipment where the proper label is not affixed, and the Supplier shall be responsible for the return and shipping of new Products at no additional cost to the HDSB.

Delivery Lead Times and Product Delivery

The Supplier shall deliver Products according to the following delivery lead times unless otherwise agreed between the Supplier and HDSB:

- a. Products will be delivered with two (2) Business Days of receipt of order by the Supplier, for regular Products in stock; and,
- b. Customized Products will be delivered as mutually agreed upon between the Supplier and HDSB.

The Supplier shall coordinate directly with the HDSB regarding the status of orders, and delivery.

All Products shall be Delivered Duty Paid (“DDP”) to inside the door or the dock of the HDSB location as requested by HDSB. Special handling fees, if required, will be charged separately. The Supplier shall deliver orders with correct Products and quantities within the lead time. All Products will be packaged appropriately to ensure safe delivery. All deliveries must include a packing slip specifying the HDSB’s required information (e.g., name of the employee who placed the order, purchase order number, Products and quantities ordered/shipped/back ordered (if any), and catalogue number). Deliveries must be made by the Supplier’s own transportation fleet or a reputable transportation company that allows for tracking of the shipments. Deliveries must take place during HDSB’s regular business hours.

Special Handling

The Supplier shall ensure orders are delivered properly for Products that require special handling including but not limited to the following:

- a. Chemicals;
- b. Explosives;
- c. Live specimens;
- d. Temperature sensitive Products; and,
- e. Time sensitive Products.

The Supplier shall notify the HDSB of any additional costs for special handling at the time of order.

Minimum Order Amounts

The Supplier shall provide delivery, at no additional cost to the HDSB, for any order with a minimum value of one hundred dollars (\$150). Special handling fees, if required, may be charged separately. The Supplier shall notify the HDSB, prior to shipping, of any Products that have a minimum quantity requirement that has not been met (e.g. Product sold in packages of twelve (12) and only two (2) were ordered).

Order Management, Bulk Purchases, and Order Acknowledgement

The Supplier shall provide a variety of ways for HDSB to order Products including, but not limited to the following:

- a. Electronic Data Interchange (“EDI”);
- b. Email;
- c. Supplier’s online ordering process;
- d. Toll free phone; and/or,
- e. Via purchase order through the HDSB’s financial system.

The Supplier shall acknowledge the receipt of an order by the HDSB immediately or within one (1) Business Day if requested. The Supplier will include in this

acknowledgement, any Products ordered that cannot be fulfilled (e.g., back orders). The HDSB, at its sole discretion may:

- a. Cancel some or the entire order;
- b. Ask the Supplier to ship only available Products and cancel any backorders; and/or,
- c. Agree to an alternative delivery schedule based on anticipated Product availability.

The Supplier shall support coordinated bulk purchases initiated by HDSB during the Term of the Agreement. If this occurs, HDSB may negotiate a lower Rate with the Supplier for bulk purchases. Lead time and/or delivery locations, per HDSB, for bulk purchases may differ and/or be for multiple locations. HDSB will ensure reasonable lead times for bulk purchases are requested. Once Products have been received at an HDSB location, the Supplier shall invoice accordingly.

Order Changes, Cancellations, Back Orders and/or Product Substitution

The Supplier shall accept new orders, order changes and/or cancellation as may be required, within timelines mutually agreed upon between the HDSB and the Supplier, at no additional cost to the HDSB.

Supplier shall confirm back orders at the time of the order confirmation with an estimated delivery date. HDSB, at its sole discretion and at no additional cost, will have an option to:

- a. Cancel some or the entire order;
- b. Ask the Supplier to ship only available Products and cancel any backorders; and/or,
- c. Agree to an alternative delivery schedule based on anticipated Product and/or Service availability.

The Supplier will only substitute Products with approval from HDSB and only with Products of equivalent or greater specification at no additional cost to the HDSB.

Damaged or Defective Shipment

The HDSB may not accept the delivery of the Products if they are:

- a. Damaged (or the packaging is damaged);
- b. Not delivered as agreed; or,
- c. Substituted without prior approval of the HDSB.

The Supplier shall accept returns and provide replacement of Products that are found to be defective at the time of unpacking within ninety (90) days from the delivery date. The Supplier shall be responsible for all shipping costs related to the return and replacement (e.g., immediately if required by HDSB) of any damaged or defective Products from the

HDSB's location. HDSB will not be responsible for any additional costs (e.g., restocking fees) due to damaged or defective Products received.

Product Availability and Discontinued Products

The Supplier will provide notice to HDSB within twenty-four (24) hours of the Supplier discovering any potential supply concern. The Supplier will provide HDSB with their resolution to the situation within twenty-four (24) hours of notification.

The Supplier shall not arbitrarily discontinue Products and shall provide the HDSB with sufficient notice (e.g., within sixty (60) days) prior to discontinuation. Further, the Supplier shall ensure that in the event a Product becomes unavailable and a replacement is proposed, the replacement Product shall have equal or greater functional capabilities/specifications than those of the retiring Product at a similar rate.

Recalls and Returns

The Supplier shall ensure that Products meet current safety standards and regulations and shall advise HDSB of any changes with regulatory agencies related to the Products, which may impact the future availability of Products, or service support of the Products. The Supplier shall within twenty-four (24) hours report recalled Products to HDSB advising HDSB of applicable details (e.g., model number, serial number, reason for recall). The Supplier shall comply with the requirements of any applicable law in respect of recalled Products, and repair or replace the Product at no additional cost to HDSB.

The Supplier shall accept all Products returned by the HDSB that were ordered incorrectly and not used within thirty (30) days of the date of Product receipt at the HDSB's location, at no additional cost (e.g., restocking or shipping fee) to the HDSB. The Supplier may charge a restocking fee, mutually agreed upon with the HDSB, for the return of non-stock Products or special orders where the Supplier has incurred additional costs for production or shipping, and the Product cannot be resold by the Supplier.

Process to Add Other Products/Services

During the Term of the Definitive Agreement the Supplier may request adding other Products and or/related services (e.g., newly available Products) to the Definitive Agreement to align with HDSB needs. HDSB will review and assess the request and may accept or reject based on Products in the current Agreement and its needs.

The Supplier shall provide written notice to HDSB of at least sixty (60) days if requesting a Product and/or Service refresh. Additional Product and Services requests from the Supplier must be accompanied by appropriate documentation (e.g., Product description, and rationale for the addition, proposed Rates, etc.).

Rates for newly added Products will be negotiated at the time of the request ensuring rate alignment with similar Products currently available in connection with the Definitive Agreement.

Product Trade-In and Promotional Discounts

The Supplier shall offer HDSB discounts or credits for the use of old Products.

The Supplier shall offer HDSB the same special promotions to kick off new Product lines, sell-off discontinued inventory, and/or end-of-line Products as offered to other customers.

Supplier Training, Knowledge Transfer and Support to HDSB

The Supplier shall provide effective support to HDSB including, but not limited to:

- a. Providing a responsive account executive (with applicable back-up) assigned to the HDSB to support HDSB's needs by providing day-to-day and ongoing administrative support, and operational support;
- b. Managing issue resolution in a timely manner;
- c. Complying with agreed upon escalation processes to resolve outstanding issues;
- d. Responding to HDSB's inquiries (e.g., to day-to-day activities) within one (1) Business Day;
- e. Ensuring minimal disruption to HDSB;
- f. Providing easy access to the Supplier (e.g., online, toll free telephone number, email, voicemail, chat or fax);
- g. Providing training/demonstrations, knowledge transfer, and no-cost educational events (e.g., webinars), if available;
- h. Establishing an ongoing communications program with the HDSB (e.g., new initiatives, innovation, sustainability);
- i. Adhering to the HDSB's confidentiality and privacy policies (e.g., related to student's private information);
- j. Providing written notice to HDSB on any scheduled shutdown that would impact services (e.g., inventory count, relocation of warehouse, website maintenance);
- k. Provide HDSB reporting; and,
- l. Attending meetings with HDSB, as requested.

Additionally, the Supplier shall provide training, knowledge transfer and reference materials where applicable regarding, but not limited to, the following:

- a. Storage and handling of any hazardous Products, or Products that require any special handling or storage;
- b. Use of the Products;
- c. Health and safety issues related to the use of the Products;
- d. Maintenance and care for equipment Products; and,
- e. Workplace Hazardous Materials Information System ("WHMIS") training.

Finally, the Supplier should, at no additional cost, provide HDSB transition support (e.g., setting up a Supplier's account from the HDSB's current agreement/purchasing arrangement) with minimal service disruption.

Warranty Coverage & Warranty Support

All work performed by the Supplier shall be carried out in a professional and competent manner. All materials, goods, and services supplied must conform to the applicable specifications established by the HDSB, its consultant, or the manufacturer. The Supplier warrants that all materials, goods, services, and workmanship shall be free from defects and fully suitable for the intended purpose as defined by the HDSB.

All goods provided must be new, in proper working condition, free from defective materials, manufacturing flaws, and substandard workmanship, and must represent the latest available model complete with all standard manufacturer accessories.

Understanding that Products may have varying warranty terms and conditions, the Supplier shall at a minimum, provide standard Product original equipment manufacturer warranty coverage to the HDSB from the date of Product receipt at the HDSB's location. The Supplier shall register the Product for warranty and manage the OEM's warranty coverage upon delivery. All goods and/or services must be accompanied by written warranties and guarantees acceptable to the HDSB. Furthermore, any shipping costs associated with approved warranty exchanges shall be borne entirely by the Supplier at no additional cost to the HDSB.

The Supplier shall submit any special assembly, installation, care or maintenance instructions that must be followed to make a claim on the warranty directly to the HDSB upon purchase of the Product, unless directed otherwise by the HDSB.

Where a manufacturer's standard warranty applies to the Product, the Supplier shall be responsible for arranging Product exchanges and repairs. For all Products with warranty coverage, the costs of parts, labour, and shipping to and from the HDSB's location associated with repairs and/or replacement shall be at no additional cost to the HDSB.

All warranty related repairs for equipment Products shall be performed by a certified technician. Where possible, the Supplier shall complete repairs at the HDSB's location to minimize equipment downtime.

Warranty support from the Supplier to the HDSB shall include but is not limited to the following:

- a. Customer telephone support during Business Days; and,
- b. Toll-free telephone number.

Halton District School Board Standard Terms & Conditions

All Suppliers to the Halton District School Board will be bound by the standard terms and conditions set forth herein, except as specifically qualified in Special Terms and Conditions, issued in connection with any RFSQ, RFQ, RFP, RFI, Tender or any other type of request issued by the HDSB soliciting pricing and/or services, whether communicated formally or informally, including via email, phone, or verbal request.

1. Submissions in English

All Submissions are to be in English only. Any Submission received by HDSB that is not entirely in the English language may be disqualified.

2. Rules of Interpretation

Any HDSB RFX (as defined herein) shall be interpreted according to the following provisions, unless the context requires a different meaning:

- a. Unless the context otherwise requires, wherever used herein the plural includes the singular, the singular includes the plural, and each of the masculine and feminine includes the other gender;
- b. Words in the RFX shall bear their natural meaning;
- c. References containing terms such as “includes” and “including”, whether or not used with the words “without limitation” or “but not limited to”, shall not be deemed limited by the specific enumeration of items but shall, in all cases, be deemed to be without limitation and construed and interpreted to mean “includes without limitation” and “including without limitation”;
- d. Unless otherwise indicated, time periods will be strictly applied; and,
- e. The following terminology applies:
 - i. The terms “must” and “shall” relate to a requirement the Supplier will be obligated to fulfil. Whenever the terms “must” or “shall” is used in relation the provisions of Goods and/or Services for HDSB, the term indicates a binding obligation on the party identified (e.g., ‘HDSB shall’ or ‘Supplier shall’);
 - ii. The term “should” relates to a requirement that HDSB would like the Supplier to fulfil; and,
 - iii. The term “will” describes a procedure that is intended to be followed.

3. Definitions

When used in any RFSQ, RFQ, RFP, RFI, Tender, Addenda, and/or any other type of request issued by the HDSB soliciting pricing and/or services whether communicated

formally or informally, including via email, phone, or verbal request, the following words or expressions have the following meanings:

Addenda/Addendum	an addition/change made to a document, subsequent to its printing or publication.
Agreement	means an agreement to be made between the Supplier and the HDSB based on the RFX requirements and/or issuance of a Purchase Order, or other Agreement with negotiated changes, together with any and all schedules and appendices attached thereto and all other documents incorporated by reference therein, as amended from time to time by agreement between the HDSB and the Supplier.
Applicable Law and Applicable Laws	means any common law requirement and all applicable and enforceable statutes, regulations, directives, policies, administrative interpretations, orders, by-laws, rules, guidelines, approvals and other legal requirements of any government and/or regulatory authority in effect from time to time.
Authority	means any government authority, agency, body or department, whether federal, provincial or municipal, having or claiming jurisdiction over the Agreement; and "Authorities" means all such authorities, agencies, bodies and departments.
Authorized Reseller	means a Person, Organization and/or Business that is authorized by the Original Equipment Manufacturer (OEM) to market, advertise, sell and distribute the Products.
Best and Final Offer or "BAFO"	means a process during the negotiation stage in which a Supplier or Suppliers may be invited by HDSB to submit a best and final offer on a process or in the section of the solicitation to improve on their original proposed Submission. BAFO cannot be requested by a Supplier.
Bid/Submission/Proposal	an offer from a Supplier in response to a request from the HDSB which is subject to acceptance or rejection.

Bidder	means a Supplier that submits a bid in response to a solicitation document issued by HDSB.
Bid Submission	means the document as completed by the Supplier for the purpose of offering to sell to the HDSB the services and/or goods specified in the document, and includes but is not limited to Quotations, Tenders and Proposals.
Board/the Board/ HDSB/the HDSB	means the Halton District School Board.
Business Day or Day	means Monday to Friday between the hours of 8:00 a.m. to 4:00 p.m. (local time in Burlington, Ontario) unless otherwise specified or agreed to by the HDSB and the Supplier in writing, except when such a day is a public holiday, as defined in the Employment Standards Act (Ontario).
Closing Date	means the Solicitation’s submission date and time as set out in RFX document and may be amended from time to time in accordance with the terms of the Solicitation.
Contract	means the Agreement, in writing, governing the performance of the Work and/or the purchase and sale of commodities and includes, without limitation, the document including standard terms and conditions, Submission and the written documentation accepting the Submission (including any notice of acceptance or award).
Consortium	means when more than one (1) business entities (i.e., Consortium members) agree to work together and submit one (1) Submission to satisfy the requirements of the RFX. One (1) of the Consortium members shall identify itself as the Supplier and assume full responsibility and liability for the work and actions of all Consortium members.
Deliverable	means all Products and/or related services to be provided or performed by the Supplier, under the awarded Agreement, and includes everything that is

	necessary to be supplied, provided or delivered by the Supplier within scope of the resulting Agreement.
Document	means the document describing the Goods and/or Services to be purchased and the terms upon which the Goods and/or Services are to be purchased and includes, without limitation, those documents referenced on the index of the document and such Addenda as may be issued by the HDSB.
Eligible Submission	means a Submission that meets or exceeds the prescribed requirement and is determined by HDSB to be eligible in its sole discretion.
Goods or Services	Means any product and/or any and all labour, vehicles or equipment used by a Supplier in fulfilling an Agreement.
HDSB Core List	refers to a predefined list of products that are regularly purchased by the HDSB and are considered essential to its ongoing operations. This list typically includes standard or high-volume items for which pricing, availability, and service expectations are established through the procurement process.
HST	means Harmonized Sales Tax.
Intellectual Property	means any trademark, copyright, moral right, patent, industrial design, trade name, domain name, trade secret, know how, integrated circuit topography or other intellectual property, industrial property or proprietary right owned by, licensed to, or used by any third person.
Requirement(s) or Mandatory Requirement(s)	refer to the mandatory or desirable conditions, specifications, qualifications, or outcomes that a Supplier is expected to satisfy or address in order to be considered for the procurement opportunity. These may include, but are not limited to, technical specifications, service levels, experience and qualifications, deliverables, and compliance obligations as set out by the Procuring Entity.

	Mandatory Requirements are identified through the use of terms such as “mandatory,” “must,” “shall,” “required,” and/or “will.” These represent non-negotiable conditions that a Supplier must fully meet in order to proceed to the next stage of the evaluation process.
Personal Information	has the same definition as in subsection 2(1) of FIPPA and in subsection 2(1) of MFIPPA, that is, recorded information about an identifiable individual or that may identify an individual and includes all such information obtained by the Supplier from the HDSB or created by the Supplier pursuant to the RFX.
Preferred Supplier or Preferred Suppliers	means a Supplier or Suppliers that are invited into negotiations in accordance with the evaluation process set out in this RFX.
Proponent	means an entity that submits a Proposal in response to this RFX and, as the context suggests, refers to a potential Proponent or Supplier for the HDSB.
Proposal	means all documentation and information submitted by a Supplier in response to the RFX.
Purchase Card or P-Card	means the corporate charge cards used by the HDSB, as may be changed from time to time.
Qualification Response	means the information the Supplier is required to submit within its response to an RFX issued by the HDSB as part of its Submission.
Rates	means the maximum prices, in Canadian funds, for the Products/Services as set out in the Supplier’s submitted response to an RFX.
Request for Information (RFI)	means a non-binding Request for Information (RFI) issued by the HDSB, together with all associated appendices and addenda.
Request for Proposal (RFP)	means a Request for Proposal (RFP) issued by the HDSB for goods or services of any value, including all related appendices and addenda.

Request for Quotation (RFQ)	means a Request for Quotation for goods or services issued by the HDSB with a value of \$100,000 or less, including all appendices and addenda.
Request for Supplier Qualification or Request for Qualification (RFSQ)	means a Request for Supplier Qualification (RFSQ) issued by the HDSB, including all associated appendices and addenda, which results in the establishment of a list of pre-qualified Suppliers eligible to provide goods and/or services to the HDSB.
Request for Tender (RFT)	means a Request for Tender for goods or services issued by the HDSB with a value that is greater than \$100,000, including all appendices and addenda.
Response	means the complete set of documents and information submitted by a Supplier in reply to a procurement solicitation issued by the HDSB (such as an RFP, RFQ, RFT, or RFI), in accordance with the instructions, requirements, and deadlines specified in the RFX documents.
RFX Document/RFX	refers to any Request for Quotation (RFQ), Request for Tender (RFT), Request for Proposal (RFP), Request for Information (RFI), Request for Supplier Qualification (RFSQ), or any other type of request issued by the HDSB soliciting pricing and/or services, whether communicated formally or informally, including via email, phone, or verbal request.
Specifications	means the stated requirements for the Goods and/or Services set out in the RFX or any other type of request issued by the HDSB.
Subcontractor	includes the Supplier's subcontractors or third-party providers or their respective directors, officers, agents, employees or independent contractors, who shall fall within the meaning of Supplier for the purposes of the Agreement as mutually agreed upon by the HDSB.
Supplier	means a person or group of persons that provides or could provide goods or services to the HDSB as part of an Agreement with the HDSB.

Term	the period of time for which the Agreement resulting from the RFX process will be in effect including an initial term and possible extension options.
Unfair Advantage	means any conduct, direct or indirect, by a Supplier that may result in gaining an unfair advantage over other Suppliers, including, but not limited to: <ul style="list-style-type: none"> a. possessing, or having access to, information in the preparation of its Submission that is confidential to the HDSB and which is not available to other Suppliers; b. communicating with any person with a view to influencing, or being conferred preferred treatment in, the RFX process; or, c. engaging in conduct that compromises or could be seen to compromise the integrity of the RFX process and result in any unfairness.
Vendor	means an individual, company, or organization that sells or offers to sell goods or services to the HDSB. A vendor may be a current Supplier, a Bidder, or a potential Supplier.
Work	means the Work to be undertaken by the Supplier pursuant to the provisions of the Agreement.

4. Supplier’s Costs

The Supplier will bear all costs and expenses incurred relating to any aspect of its participation in an RFX process, including all costs and expenses relating to the Supplier’s participation in:

- a. The preparation and submission of its Response;
- b. The Supplier’s attendance at any meeting related to the RFX process, including any presentation or interview in relation to the RFX process;
- c. The conduct of any due diligence on the Supplier’s part, including any information gathering activity;
- d. The preparation of the Supplier’s own questions prior to the deadline for questions; and,
- e. Any discussion and/or finalization, if any, in respect of the Agreement.

5. Procurement Process Non-Binding

All RFX processes are non-binding, and are not intended to create, and shall not create, a formal legally binding procurement process, and shall not give rise to the legal rights or duties applied to a formal legally binding procurement process. This procurement process shall instead be governed by the law applicable to direct commercial negotiations. For greater certainty and without limitation:

- a. An RFX shall not give rise to any contract A-based tendering law duties or any other legal obligations arising out of any process contract or collateral contract; and,
- b. Neither the Supplier nor HDSB shall have the right to make any breach of contract, tort or other claims against the other with respect to the award of an Agreement, failure to award an Agreement or failure to honour a response to an RFX.

6. Non-Binding Rates

While Rates will be non-binding prior to the execution of a written Agreement, such information will be assessed during the evaluation and ranking of Submissions. Any inaccurate, misleading, or incomplete information, including withdrawn or altered Rates, could adversely impact any such evaluation, ranking, or Agreement award.

7. The Ontario Broader Public Sector Procurement Directive (BPS)

The HDSB follows the Ontario Broader Public Sector Procurement Directive.

The Procurement Directive is available here: [Broader Public Sector Procurement Directive](#).

8. Trade Agreements

HDSB procurements are undertaken within the scope of Chapter 5 of the Canadian Free Trade Agreement ("CFTA"), Chapter 19 of the Comprehensive Economic and Trade Agreement ("CETA"), and within the scope of the Trade and Cooperation Agreement between Quebec and Ontario and are subject to such agreements, although the rights and obligations of the parties shall be governed by the specific terms of the applicable RFX.

9. Competition Act

Under Canadian law, a Submission must be prepared without conspiracy, collusion, or fraud. For more information, refer to the Competition Bureau website at <http://www.competitionbureau.gc.ca/eic/site/cb-bc.nsf/eng/home>.

10. Financial Administration Act Section 28

The HDSB follows the Financial Administration Act (“FAA”). In accordance with the requirements of the Financial Administration Act (“FAA”), notwithstanding anything else in the Agreement, or in any other agreement between the HDSB and the Supplier executed to carry out the Products and/or Services provided for herein, the remedies, recourse or rights of the Supplier shall be limited to the HDSB and to the right, title and interest owned by the HDSB in and to all of its real or personal property, whether now existing or hereinafter arising or acquired from time to time.

For additional information, the Financial Administration Act is available here: [Financial Administration Act](#).

11. Municipal Freedom of Information and Protection of Privacy Act (“MFIPPA”)

The Municipal Freedom of Information and Protection of Privacy Act, R.S.O. 1990, c. M. 56 applies to information provided by the Supplier. A Supplier should identify any information in its Submission, or any accompanying documentation supplied in confidence for which confidentiality is to be maintained by the HDSB. The confidentiality of such information will be maintained by the HDSB, except as otherwise required by law or by order of a court, tribunal, or the Ontario Privacy Commissioner.

By submitting a Submission, including any Personal Information requested in an RFX, the Supplier agrees to the use of such information for the evaluation process, for any audit of this procurement process, and for contract management purposes.

Additionally:

- a. The Supplier acknowledges and agrees that the HDSB is subject to MFIPPA. The Supplier further expressly acknowledges and agrees that, upon the acceptance of a successful Submission and conclusion of this process (including execution and delivery of a Contract or Agreement between the HDSB and the successful Supplier), subject to subsection (b) below, the Submission shall not be considered confidential for the purposes of Section 10 of MFIPPA and, in the event of an access request or at the discretion of the HDSB, shall be subject to release in its entirety without redaction.
- b. Notwithstanding paragraph (a) above, the Supplier and the HDSB acknowledge and agree that the information listed below is considered to be supplied by the Supplier to the HDSB in confidence:
 - i. For Services: Hourly rates/fees and information from which such rates/fees could be reasonably deduced.
 - ii. For Goods: Unit costs and information from which such unit costs could be reasonably deduced.

- c. Notwithstanding the foregoing, the Supplier acknowledges and agrees that, because the HDSB is subject to MFIPPA, all or part of any Submission, including information supplied in confidence, may be subject to release in response to an access request submitted pursuant to MFIPPA. In the event that the HDSB receives a request for access to all or part of a Submission supplied in confidence, the HDSB shall deliver the relevant notice to the Supplier, who shall bear all costs, legal or otherwise, with respect to any objection the Supplier may have in respect of the release of any or all parts of the Submission pursuant to MFIPPA.

12. Accessibility for Ontarians with Disabilities (AODA)

The HDSB is committed to accessibility and preventing and removing barriers for persons with disabilities. Where practicable, the HDSB will incorporate accessibility features and criteria when procuring or acquiring goods, services and facilities, in which case, a Supplier must be capable of recommending and delivering same in an inclusive and accessible manner, consistent with the Ontario Human Rights Code (“OHRC”), the Ontarians with Disabilities Act, 2005 (“AODA”) and its Regulations, in order to achieve accessibility for Ontarians with disabilities. If the HDSB determines that it is impractical to do so, an explanation will be provided upon request.

In accordance with Ontario Regulation 429-07 made under the AODA, the HDSB has established policies, practices and procedures governing the provisions of its services to persons with disabilities, which may be found at:

<https://www.hdsb.ca/our-board/Pages/Accessibility.aspx>

13. Agree to Abide by the Established Process

It is vital to the HDSB that the process leading to the recommendation of a Supplier, the execution of, and the conclusion of an Agreement for the provision of services be, and be seen to be, open and fair and that each of the potential Suppliers is treated equally.

No Supplier can be seen to be deriving, intentionally or otherwise, an advantage or information, which is not equally available to all other Suppliers. Nor is it acceptable that any advantage or information be sought or obtained from any unauthorized staff or representative of the HDSB, or any benefit derived from any special or personal relationships or contacts.

All communications, including requests for information, between Suppliers responding to this RFX and the HDSB should be between only the representative(s) of the HDSB who has been authorized and designated for that particular purpose. Suppliers must not rely on information from any other source.

Unless otherwise specified in the applicable RFX documents or the final agreement entered into between the HDSB and the successful Supplier(s), Responses shall be for a stipulated sum without escalator clauses or other qualifications (when applicable). Suppliers submitting a bid with escalator clauses or other qualifications that are not in accordance with the terms and conditions of the applicable RFX may have their bid rejected.

14. Reserved Rights of the HDSB

In addition to any other express rights or any other rights, which may be, implied in the circumstances, HDSB reserves the right to:

- a. make public the names of any or all Suppliers;
- b. request written clarification or the submission of supplementary written information from any Supplier and HDSB may incorporate such clarification or supplementary written information, if accepted, into the Submission, at HDSB's discretion, provided that any clarification or submission of supplementary written information shall not be an opportunity for the Supplier to correct errors in its Submission or to change or enhance the Submission in any material manner;
- c. waive formalities and accept Submissions that substantially comply with the requirements of this RFX;
- d. verify with any Supplier or with a third party any information set out in a Submission;
- e. check references other than those provided by the Supplier;
- f. assess a Supplier's Submission on the basis of a financial analysis determining the actual cost of the Submission when considering factors including quality, service, price and transition costs arising from the replacement of existing goods, services, practices, methodologies and infrastructure (howsoever originally established);
- g. assess information provided by references;
- h. assess the information provided by a Supplier pursuant to the HDSB exercising its clarification rights under this RFX process;
- i. disqualify a Supplier that has experienced bankruptcy or insolvency;
- j. disqualify a Supplier that makes and/or has made false declarations;
- k. disqualify a Supplier who has experienced significant or persistent deficiencies in performance of any substantive requirement or obligation under a prior agreement or agreements;
- l. disqualify a Supplier who has received final judgments in respect of serious crimes or other serious offence;
- m. disqualify a Supplier or rescind an Agreement subsequently entered if a Supplier has participated in, or appears to have participated in professional misconduct or acts or omissions that adversely reflect on the commercial integrity of the Supplier;

- n. disqualify a Supplier or rescind an Agreement subsequently entered if the Supplier's Submission contains misrepresentations or any other inaccurate, misleading or incomplete information;
- o. disqualify any Supplier whose Submission is determined by HDSB to be non-compliant with the requirements of this RFX;
- p. disqualify a Submission based upon the past performance or on inappropriate conduct in a prior procurement process, or where the Supplier has or the principals of a Supplier have previously breached an agreement with HDSB, or has otherwise failed to perform such agreement to the reasonable satisfaction of HDSB;
- q. disqualify any Supplier, who, in relation to this RFX or the evaluation and selection process, has engaged directly or indirectly in any form of political or other lobbying whatsoever to influence the selection of the Supplier;
- r. disqualify any Supplier or the Submission of any Supplier who has engaged in conduct prohibited by this RFX;
- s. disqualify a Supplier for any conduct, situation or circumstance that constitutes a Conflict of Interest, as solely determined by the HDSB and at any time;
- t. make changes, including substantial changes, to this RFX, provided that those changes are issued by way of addenda in the manner set out in this RFX;
- u. select any Supplier other than the Supplier whose bid reflects the lowest cost to the HDSB;
- v. review all Suppliers utilizing the HDSB Vendor Performance Management Administrative Procedure, which can include suspension of Suppliers who fail to meet the HDSB's expectations or who are involved in litigation or threatened litigation against HDSB. The HDSB Vendor Performance Management Administrative Procedure is found at the attached link:

www.hdsb.ca/our-board/Policy/VendorPerformanceManagement.pdf

- w. Award to one or more Supplier according to HDSB requirements;
- x. Cancel this RFX process at any stage without liability and issue a new RFX for the same or similar requirements, including where:
 - a. HDSB determines it would be in the best interest of HDSB not to award an Agreement;
 - b. the Submission prices exceed the bid prices received by HDSB for Products or Services acquired of a similar nature and previously done work;
 - c. the Submission prices exceed the costs HDSB would incur by doing the work, or most of the work, with its own resources;
 - d. the Submission prices exceed the funds available for the Products or Services, or,
 - e. the funding for the acquisition of the proposed Products or Services has been revoked, modified, or has not been approved.

- and where HDSB cancels this RFX, HDSB may do so without providing reasons, and HDSB may thereafter issue a new RFX, sole source, or do nothing;
- x. accept any Submission in whole or in part;
 - y. reject any or all Submissions in HDSB's absolute discretion, including where a Supplier has launched legal proceedings against HDSB or is otherwise engaged in a dispute with HDSB;
 - z. accept or reject a Submission if only one (1) Submission is submitted;
 - aa. reject a Subcontractor proposed by a Supplier;
 - bb. discuss with any Supplier different or additional terms to those contained in this RFX or in any Submission;
 - cc. disqualify a Supplier who has been charged or convicted of an offence in respect of an agreement with HDSB, or who has, in the opinion of HDSB, engaged in any illegal business practices, including activities such as bid-rigging, price-fixing, bribery, fraud, coercion or collusion, unethical conduct, including lobbying as described above or other forms of deceitfulness, or other inappropriate communications offering gifts to any employees, officers, agents, elected or appointed officials or other representatives of HDSB, or where the Supplier reveals a Conflict of Interest or Unfair Advantage in its Submission or a Conflict of Interest or evidence of any Unfair Advantage is brought to the attention of HDSB;
 - dd. disqualify any Submission of any Supplier who has breached any Applicable Laws or who has engaged in conduct prohibited by this RFX, including where there is any evidence that the Supplier or any of its employees or agents colluded with any other Supplier, its employees or agents in the preparation of the Submission;
 - ee. if HDSB receives a Submission from a Supplier with Rates that are abnormally lower than the Rates in other Submissions, HDSB may verify with the Supplier that the Submission satisfies the conditions for participation and is capable of fulfilling the Agreement;
 - ff. to limit the number of pre-qualified Suppliers eligible to submit Submissions for any future projects. HDSB shall not be obligated to provide all pre-qualified Suppliers with the same opportunity to bid on all future projects within each stated category; and
 - gg. consider other relevant information that arises during this RFX process.

and these reserved rights are in addition to any other express rights or any other rights which may be implied in the circumstances and HDSB shall not be liable for any expenses, costs, losses or any direct or indirect damages incurred or suffered by any Supplier or any third party resulting from HDSB exercising any of its express or implied rights under this RFX.

By participating in this RFX, Suppliers acknowledge that there is no guarantee that a Supplier will receive any assignments, work or projects and that there is no expectation

that any specified number of projects will be made available during a pre-qualification or agreement term.

The successful Supplier shall permit the HDSB to audit, examine, and make copies, excerpts or transcripts from such records, and to make audits of data relating to matters covered by a Submission, any purchase order and/or any Agreement. The successful Supplier shall maintain and retain all records and other documents related to a Submission, any purchase order, and/or any Agreement for a period of seven (7) years from the date of final payment, except in cases where unresolved audit questions require a longer period of time for resolution, as determined by the HDSB.

15. Litigation with the HDSB

The HDSB may, in its absolute discretion, reject a Submission from a Supplier **prior to or after Submission opening, if the Supplier:**

- (a) is or has in the past ten (10) years been a party to litigation with the HDSB;
- (b) directly or indirectly, including by common ownership or control or otherwise, is related to a party currently in litigation with the HDSB or a party that has in the past ten (10) years been in litigation with the HDSB; or
- (c) intends to use a subcontractor in respect of a specific project who is, or has in the past ten (10) years been a party to litigation with the HDSB, or who is related to a party currently in litigation with the HDSB or a party that has in the past ten (10) years been in litigation with the HDSB.

For the purposes hereof, the phrase “litigation with the HDSB” includes cases in which the Supplier or prospective Supplier or any of the parties named above, has advised the HDSB in writing of their intention to commence litigation, or have commenced or have advised the HDSB of their intention to commence an arbitral proceeding against the HDSB (excepting only construction lien demands, notices or proceedings or arbitrations under O. Reg 444/98 of the Education Act).

In determining whether or not to exercise its discretion as set out herein, the HDSB will consider whether the litigation (past or current) is likely to affect a Supplier’s ability to work with the HDSB, its consultants and representatives, and whether the HDSB’s experience with the Supplier, the related party or subcontractor, as the case may be, in the matter giving rise to the litigation, indicates that the HDSB is likely to incur increased staff and legal costs in the administration of the Contract or Agreement if it is awarded to the Supplier.

16. No Liability

The Supplier agrees that:

- a. any action or proceeding relating to this RFX process shall be brought in any court of competent jurisdiction in the Province of Ontario and for that purpose the Supplier irrevocably and unconditionally attorns and submits to the jurisdiction of that Ontario court;
- b. it irrevocably waives any right to and shall not oppose any Ontario action or proceeding relating to this RFX process on any jurisdictional basis; and,
- c. it shall not oppose the enforcement against it, in any other jurisdiction, of any judgement or order duly obtained from an Ontario court as contemplated by this RFX.

The Supplier further agrees that if the HDSB commits a material breach of HDSB's obligations pursuant to this RFX, HDSB's liability to the Supplier, and the aggregate amount of damages recoverable against HDSB for any matter relating to or arising from that material breach, whether based upon an action or claim in contract, warranty, equity, negligence, intended conduct, or otherwise, including any action or claim arising from the acts or omissions, negligent or otherwise, of HDSB, shall be no greater than the Submission preparation costs that the Supplier seeking damages from HDSB can demonstrate.

In no event shall HDSB be liable to the Supplier for any breach of HDSB's obligations pursuant to this RFX, which does not constitute a material breach thereof. The Supplier acknowledges and agrees that the provisions of the Broader Public Sector Accountability Act, 2010 shall apply notwithstanding anything contained herein.

17. Irrevocability

Unless otherwise indicated, the Submission will be open for acceptance by the HDSB and irrevocable by the Supplier for a period of one hundred and twenty (120) calendar days from the Closing Date.

18. Ability to Negotiate/Contract Negotiations

The HDSB reserves the right to accept or reject any Submission, in whole or in part, and to waive any informalities, irregularities, or omissions, if, in its sole discretion, it is deemed to be in the best interest of the HDSB to do so.

The HDSB further reserves the right to enter into negotiations with any Supplier, at its sole discretion, including the right to negotiate concurrently with more than one Supplier. No liability shall accrue to the HDSB by reason of such negotiations or any resulting decision.

The selected Supplier(s) shall execute an Agreement or Purchase Order, including any negotiated amendments, and fulfill any other applicable conditions of this RFX within a timeframe mutually agreed upon by the parties. This provision is for the sole benefit of the HDSB and may be waived in whole or in part at the HDSB's sole discretion.

If the Supplier or Suppliers and HDSB cannot execute an Agreement within the mutually agreed upon timeframe, HDSB will be at liberty to:

1. extend the timeline;
2. request the Supplier or Suppliers to submit its Best and Final Offer;
3. terminate discussions/negotiations with the Supplier or Suppliers;
4. exclude the Supplier or Suppliers from further consideration and begin discussions with the next highest scoring Supplier or Suppliers without becoming obligated to offer to negotiate with all potential Suppliers;
5. publish one (1) or some of the Suppliers, who have executed Agreements; or,
6. exercise any other applicable right set out in this RFX including, but not limited to, cancelling the RFX and issuing a new RFX for the same or similar Products or Services.

The HDSB may, prior to and after Award, negotiate changes to the specifications, the type of materials or any conditions with the successful Supplier or with one or more of the Suppliers without having any duty or obligation to advise any other Supplier or to allow them to vary their bid prices as a result of such changes, and the HDSB shall have no liability to any other Supplier as a result of such negotiations or modifications. HDSB may also cancel this RFX in the event the Supplier fails to obtain any of the permits, licences, and approvals required pursuant to this RFX.

19. Right to Amend or Withdraw Submission

A Supplier may withdraw or edit its Submission by submitting a request to the Purchasing Representative via email or through the Online Bidding System prior to the closing date and closing time. If the Supplier wishes to re-submit a Bid, the Supplier is solely responsible to:

- a. make any required adjustments to their Submission;
- b. acknowledge the addendum/addenda; and
- c. ensure the re-submitted Bid is received by the HDSB's Purchasing Representative or the Online Bidding System no later than the closing date and closing time.

Suppliers must submit a written request to withdraw a Submission after the Closing Date via email to the HDSB Purchasing Representative. Any Supplier who withdraws a Submission may have a negative Performance Evaluation placed on record with the

HDSB in accordance with the Vendor Performance Management Administrative Procedure.

www.hdsb.ca/our-board/Policy/VendorPerformanceManagement.pdf

20. Acceptance of RFX

By submitting a response, the Supplier acknowledges and agrees to the terms and conditions outlined in the RFX, as well as all statements, terms, and conditions included in its own submission.

Each RFX and all Appendices thereto form an integral part of each such RFX. All provisions set forth in the RFX are considered accepted by each Supplier and are deemed to form part of every submission.

21. Submissions Will Not Be Opened Publicly

Suppliers are advised that there will not be a public opening of any HDSB RFX. HDSB will open Submissions at a time subsequent to the Closing Date.

22. Supplier's Submission

By submitting a Submission, the Supplier confirms that all components required to use and/or manage the Products/Services have been identified in its Submission and/or will be provided to HDSB at no additional cost. Any requirement that may be identified by the Supplier after the Closing Date or subsequent to signing an Agreement or the issuance of a Purchase Order shall be provided to the HDSB at the Supplier's expense.

All correspondence, documentation, and information provided in response to or because of this RFX may be reproduced for the purposes of evaluating the Submission. If a portion of a Submission is to be held confidential, such provisions must be clearly identified in the Submission. HDSB may in its sole and absolute discretion, reject Submissions that are not substantially compliant with the RFX.

23. Clarification of Submissions

HDSB shall have the right at any time after the Closing Date to seek clarification from any Supplier in respect of the Submission, without contacting any other Supplier.

HDSB will exercise this right in a similar manner for all Suppliers.

Any clarification sought shall not be an opportunity for the Supplier to either correct errors or to change its Submission in any substantive manner. Subject to the qualification in this provision, any written information received by HDSB from a Supplier

in response to a request for clarification from HDSB may be considered, if accepted, to form an integral part of the Submission.

HDSB shall not be obliged to seek clarification of any aspect of any Submission.

24. Verification of Information

HDSB shall have the right, in its sole discretion, to:

- a. Verify any Supplier's statement or claim made in its Submission or made subsequently in a clarification, or discussion by whatever means HDSB may deem appropriate, including contacting persons in addition to those offered as references, and to reject any Supplier statement or claim, if such statement or claim or its Submission is patently unwarranted or is questionable, which may result in changes to the scores for the Supplier's Technical Response; and,
- b. Access the Supplier's premises where any part of the work is to be carried out to confirm Submission information, quality of processes, and to obtain assurances of viability, provided that, prior to providing such access, the Supplier and HDSB shall have agreed on access terms including pre-notification, extent of access, security and confidentiality. HDSB and the Supplier shall each bear its own costs in connection with access to each other's premises. The Supplier shall cooperate in the verification of information and is deemed to consent to HDSB verifying such information, including references.

25. Irregularities and Errors in Submitted Pricing

In the event of an inconsistency or mathematical error between the unit price and an extended price based on estimated quantity, the unit price prevails and the extended price shall be corrected accordingly.

Additionally, the HDSB reserves the right to seek clarification from any Supplier in the event that the pricing submitted appears to be abnormally low in relation to the Deliverables or the marketplace. The Supplier shall provide, upon request, written clarification or additional information to demonstrate that the pricing is sustainable and reflective of a full understanding of the requirements.

If the Supplier fails to provide satisfactory clarification within the time specified by the HDSB, or if, in the sole opinion of the HDSB, the pricing is determined to be unrealistic, unsustainable, or indicative of an error or misunderstanding, the HDSB may reject the Submission and disqualify the Supplier from further consideration.

This right is in addition to and does not limit any other rights of the HDSB under the RFX or applicable procurement policies.

26. Breaking a Tie

In the event of a tie in the final scores, the contract may be awarded to the Supplier that provides the best overall value, as determined by the HDSB in its sole discretion.

27. Award

Building Ontario Business Initiative Act (BOBI):

A link to the Building Ontario Business Initiative Act (BOBI) can be found here: [Building Ontario Business Initiative](#).

The Government of Ontario is committed to supporting Ontario businesses and intends to create a level playing field that reduces barriers and provides them with greater access to procurement opportunities with public sector entities, contributing to their growth to build their competitiveness for the global market. Under the Building Ontario Businesses Initiative Act, 2022, public sector entities (School Boards) are required to give preference to Ontario businesses, in accordance with the regulations of the Act, when conducting procurement processes for prescribed goods and services at the value of which are under the prescribed threshold amounts.

Procurement Restriction Policy

A link to the Procurement Restriction Policy can be found here: [Procurement Restriction Policy](#).

The Supplier must not be a U.S. business, where 'U.S. business' means a supplier, manufacturer, or distributor of any business structure (including a sole proprietorship, partnership, corporation, or other business structure) that:

- a. has its headquarters or main office located in the U.S., and
- b. has fewer than 250 full time employees in Canada.

If a Supplier is a subsidiary of another corporation, part a of the definition above is met if that Supplier is controlled by a corporation that has its headquarters or main office located in the U.S. A Supplier's eligibility must be demonstrated before a Submission may be accepted via the completion of an attestation provided by HDSB within the RFX document.

Any final award will be based on (but not limited to) the initiatives listed above and /or the best value for money and quality service delivery from a Supplier who complies with the provisions of this Submission solicitation, including specifications, contractual terms and conditions, who can reasonably be expected to provide satisfactory performance on the proposed Agreement based on reputation, references, performance on previous

agreements and/or contracts, and sufficiency of financial and other resources, and provides a solution that is a fit with the HDSB's requirements. The lowest price or bid shall not be the sole, determinative factor.

28. Priority of Documents

In the event of any inconsistencies between the terms, conditions, and provisions of the main part of the RFX and the Appendices, the RFX shall prevail over the Appendices during the RFX process.

29. Agreement

If an Agreement is subsequently negotiated and awarded to a Supplier or Suppliers as a result of this RFX process, the Agreement may commence upon:

- a. signature by the duly authorized representatives of the HDSB and the Supplier(s);
- b. issuance of a Purchase Order by the HDSB to the Supplier(s); or,
- c. signature of a Letter of Intent or Award Letter by the duly authorized representatives of HDSB and the Supplier(s) and receipt of any requested documentation (i.e. Bonds, Insurance, WSIB, etc.).

30. Failure to Execute an Agreement

Upon successful completion of the negotiation process, and in accordance with the evaluation methodology set out in this RFX, the selected Supplier(s) will be provided a mutually agreed-upon timeframe to execute a formal Agreement, unless otherwise directed by the HDSB.

If the Supplier(s) fail to execute the Agreement within the specified timeframe, the HDSB reserves the right to withdraw its invitation to finalize the Agreement. For clarity, and in accordance with the rules of the procurement process, no legally binding relationship shall exist between the HDSB and any Supplier unless and until a written Agreement is fully executed or a Purchase Order is formally issued by the HDSB.

31. Submission Acceptance

Neither the lowest-priced Submission nor any Submission is required to be accepted. While price is an evaluation criterion, other evaluation criteria as set out in the RFX will form a part of the evaluation process.

32. Notification to Other Suppliers

Once an Agreement, Purchase Order, Letter of Intent or Award Letter is executed, other Suppliers will be notified directly in writing via the Online Bidding System or via email of the outcome of the procurement process and the award of the contract.

33. Debrief Summary

Any Supplier may request a debrief within thirty (30) days of the notification of award. The intent of the debrief summary is to aid the Supplier in presenting a better submission in subsequent procurement opportunities. Any debrief summary provided is not for the purpose of providing an opportunity to challenge the procurement process.

34. Dispute Resolution

In the event that a Supplier wishes to review the decision of the HDSB in respect of any material aspect of the RFX process, and subject to having attended a debriefing, the Supplier shall submit a protest in writing to the HDSB Purchasing Contact ten (10) calendar days from such a debriefing.

Any request that is not received in a timely manner will not be considered, and the Supplier will be notified in writing.

A protest in writing shall include the following:

- a. A specific identification of the provision and/or procurement procedure that is alleged to have been breached;
- b. A specific description of each act alleged to have breached the procurement process;
- c. A precise statement of the relevant facts;
- d. An identification of the issues to be resolved;
- e. The Supplier's arguments and supporting documentation; and,
- f. The Supplier's requested remedy.

For the purpose of a protest, the HDSB will review and address any protest in a timely and appropriate manner. The HDSB will engage an independent and impartial third party should the need arise.

35. Disclaimer of Representations and Liabilities

- a. The information provided in this RFX document or otherwise by the HDSB in any connection with this RFX, is provided on an "as is" basis, with no representations, warranties or covenants, implied or express, concerning the nature or the quality of such information, including without limitation its

completeness, accuracy, currency, reliability, authenticity or the HDSB's rights to disclose any such information.

- b. All information provided in this RFX document is based on the HDSB's knowledge and intent as of the date this RFX is issued and may change during the course of the RFX process. The Supplier accepts and acknowledges its duty to investigate and conduct due diligence enquiries into the subject matter and circumstances of this RFX.
- c. The HDSB and its officers, employees, agents, consultants, and advisors shall not be liable or responsible in respect of any aspect of this RFX, or for any oral or written information, or any advice, or any incompleteness, errors or omissions in this RFX document or information disclosed or otherwise provided to the Supplier under this RFX and all of the foregoing, in respect of which Supplier shall assume all risk.

36. No Guarantee of Volume of Work or Exclusivity

The HDSB makes no representation, warranty or guarantee as to the accuracy or comprehensiveness or exhaustiveness of the information contained in an RFX or issued by way of addenda. Any data contained in an RFX or provided by way of addenda are estimates only and are for the sole purpose of indicating to Suppliers the general size or scope of the work.

Nothing in any HDSB request for Goods and/or Services is intended to relieve the Supplier from forming its own opinions and conclusions with respect to the matters addressed in any HDSB request for Goods and/or Services. It is the Supplier's responsibility to avail itself of all the necessary information to prepare a submission in response to an RFX.

The HDSB makes no guarantee of the value or volume of work to be assigned to the Supplier and any award executed to a Supplier may not be an exclusive award for the provision of the Agreement. The HDSB may contract with others for the same or similar Goods and/or Services to those described in any HDSB Agreement.

37. No Publicity or Promotion

No Supplier shall make any public announcement or distribute any literature regarding this RFX or otherwise promote itself in connection with this RFX or any arrangement entered into under this RFX without the prior written approval of HDSB.

In the event that a Supplier makes a public statement either in the media or otherwise in breach of this requirement, in addition to any other legal remedy it may have in law, in equity or within the context of this RFX, HDSB may take reasonable steps, including disclosing information about a Submission, to provide accurate information or correct any false impression.

38. Conflict of Interest

Conflict of Interest includes, but is not limited to, any situation or circumstance where:

- a. in relation to the RFX process, the Supplier has an unfair advantage or engages in conduct, directly or indirectly, that may give it an unfair advantage, including, but not limited to:
 - i. having or having access to information in the preparation of its Submission that is confidential to HDSB and not available to other Suppliers;
 - ii. communicating with any person with a view to influencing preferred treatment in the RFX process; or
 - iii. engaging in conduct that compromises or could reasonably be seen to compromise the integrity of the open and competitive RFX process and render that process non-competitive and unfair; or,
- b. in relation to the performance of its contractual obligations in an HDSB agreement, the Supplier's other commitments, relationships or financial interests:
 - i. could or could reasonably be seen to exercise an improper influence over the objective, unbiased and impartial exercise of its independent judgement; or
 - ii. could or could reasonably be seen to compromise, impair or be incompatible with the effective performance of its contractual obligations;

The Supplier shall:

- a. avoid any Conflict of Interest in the Submission process and in the performance of its contractual obligations;
- b. disclose to the HDSB without delay any actual or potential Conflict of Interest that arises during the Submission process or during the performance of its contractual obligations; and
- c. comply with any requirements prescribed by the HDSB to resolve any Conflict of Interest.

In addition to all other contractual rights or rights available at law or in equity, the HDSB may immediately disqualify a Submission upon giving notice to the Supplier where:

- a. the Supplier fails to disclose an actual or potential Conflict of Interest;
- b. the Supplier fails to comply with any requirements prescribed by the HDSB to resolve a Conflict of Interest; or
- c. the Supplier's Conflict of Interest cannot be resolved.

This paragraph shall survive any termination or expiry of the Agreement.

39. Criminal Background Checks (as Applicable)

The Supplier acknowledges that the HDSB must be in compliance with Regulation 521/01 of the Education Act (Ontario) - Collection of Personal Information with respect to criminal background checks and offence declarations. The Supplier covenants and agrees to assist the HDSB in complying with same by providing the HDSB, or such other entity as the HDSB may designate, with a criminal background check covering offences under the Criminal Code, the Narcotics Control Act, and any other offences which would be revealed by a search of the automated Criminal Records Retrieval System maintained by the RCMP or, in instances where the Supplier will have access to or is responsible for minors or vulnerable persons, a Vulnerable Persons Clearance certificate in addition to the above ("Criminal Background Check"), together with an Offence Declaration in HDSB approved form, for every individual or employee of the Supplier who may come into direct contact with students on a regular basis at a school site of the HDSB, or who may have access to student information. For the purposes of this document, the HDSB shall determine in its sole and unfettered discretion whether an individual or employee of the Supplier may come into direct contact with students on a regular basis or may have access to student information.

The Supplier agrees to indemnify and save harmless the HDSB from all claims, liabilities, expenses, and penalties to which it may be subjected on account of the Supplier's failure to provide a Criminal Background Check and an Offence Declaration, as aforesaid. This indemnity shall survive the expiration or sooner termination of the Contract or Agreement. In addition, and notwithstanding anything else herein contained, if the Supplier fails to provide a Criminal Background Check and an Offence Declaration for an individual or employee of the Supplier who may come into direct contact with students on a regular basis at a school site of the HDSB or who may have access to student information, then the HDSB shall have the right to forthwith terminate the Contract or Agreement without prejudice to any other rights which it may have in the Contract, in law or in equity.

40. Vehicle Operation on HDSB Property

The successful Supplier shall exercise due care and caution when operating motorized vehicles on school property, particularly during times when students are entering or exiting the school building, or are present outside on school grounds or adjacent areas, including recess, lunch periods, and before or after the school day.

Additionally, while on HDSB property, drivers must turn off their vehicles and remove the keys during any stop. Vehicles must never be left idling while unattended, nor parked in designated accessible parking spaces. Vehicles should be locked when left unsupervised. The Halton District School Board (HDSB) assumes no responsibility for any theft of, or theft from, vehicles operated by the successful Supplier.

Asphalt play areas around the exterior of the school building are not constructed to handle heavy vehicles. Suppliers will be held responsible for any damage to HDSB property including but not limited to asphalt or natural surfaces as a result of using them for access of heavy vehicles. Making good of natural surfaces or asphalt areas that are damaged in the course of the work shall be to the original (new) condition irrespective of their condition prior to commencement of the work, or the condition of the adjacent unaffected areas. Vehicles are only permitted to access, stand or be parked in areas designated by administrative staff of HDSB, which for the purposes of this provision does not include principals of schools.

41. Confidential Information

For the purposes of this RFX, “Confidential Information” refers to any information, whether or not expressly identified as confidential, that is disclosed by the HDSB and is relevant to the Deliverables, pricing, or evaluation process. This includes, but is not limited to, information relating to the business, operations, or affairs of HDSB or its directors, governors, trustees, officers, or employees, and:

- is marked or otherwise identified as confidential when provided in written or tangible form; or
- is disclosed orally and subsequently confirmed in writing as confidential.

For greater certainty, Confidential Information includes:

- any new information derived from such Confidential Information, whether developed by HDSB, the Supplier, or any third party;
- all information, including Personal Information, that HDSB is obligated or permitted to withhold under provincial or federal legislation; and
- any pricing or financial information submitted or received as part of the RFX process.

Confidential Information does not include information that:

- becomes publicly available through no fault or breach of the Supplier;
- is lawfully obtained from a third party without any obligation of confidentiality;
- was already in the Supplier’s lawful possession prior to disclosure by HDSB, as demonstrated through written records; or
- is independently developed by the Supplier without reference to the Confidential Information.

For clarity, these exclusions shall not affect the definition or treatment of Personal Information as governed by applicable law or the terms of the Contract.

42. Confidential Information of the Supplier

Except as otherwise provided in this RFX or as required by applicable law, the HDSB will treat all Submissions and any information obtained during the RFX process as confidential. This obligation does not extend to information that becomes publicly available through no fault of HDSB and not as a result of HDSB's disclosure.

HDSB and its representatives or agents are under no obligation to enter into a separate confidentiality agreement at any stage of the RFX process.

Should a Supplier decline to participate in any required stage of the RFX process due to HDSB's refusal to sign a confidentiality agreement, the Supplier will forfeit any evaluation points associated with that stage.

43. Treatment of Personal Information

a. Submission of Personal Information

Suppliers should not include any personal information relating to the qualifications or experience of individuals proposed to provide the Products or Services unless such information is specifically requested by HDSB. In cases where such information is requested, HDSB will retain it for a minimum of seven (7) years from the date of collection and will handle it in accordance with this section.

b. Use of Personal Information

Any personal information, as defined under the Personal Information Protection and Electronic Documents Act (PIPEDA), provided at the request of HDSB will be used solely for the purpose of evaluating and selecting qualified individuals to deliver the Products or Services and for confirming that the work performed aligns with their stated qualifications.

c. Consent

It is the Supplier's responsibility to obtain all necessary consents from the individuals whose personal information is being provided to HDSB. By submitting such information, the Supplier confirms that appropriate consent has been obtained for HDSB to collect, use, and disclose the information for the purposes described above.

44. Non-Disclosure Agreement

The HDSB reserves the right to require any Supplier to enter into a non-disclosure agreement, privacy agreement, and/or any other agreement relating to confidentiality or the protection of personal or sensitive information, in a form satisfactory to the HDSB.

45. Proof of WSIB Coverage

If the Supplier is subject to the Workplace Safety and Insurance Act (“WSIA”) or the Workplace Safety and Insurance Amendment Act, 2008 (“WSIAA”), the Supplier shall submit a valid clearance certificate of Workplace Safety and Insurance Board (“WSIB”) coverage to the HDSB before commencing the performance of any work or services. In addition, the Supplier shall, from time to time during the term of the Agreement and at the request of the HDSB, provide additional WSIB clearance certificates.

The Supplier covenants and agrees to pay when due, and to ensure that each of its subcontractors pays when due, all amounts required to be paid by it or its subcontractors, from time to time during the term of the Agreement, under the WSIA and/or the WSIAA, failing which the HDSB shall have the right, in addition to and not in substitution for any other right it may have pursuant to the Agreement or otherwise at law or in equity, to pay to the WSIB any amount due pursuant to the WSIA or the WSIAA unpaid by the Supplier or its subcontractors and to deduct such amount from any amount due and owing from time to time to the Supplier pursuant to the Agreement together with all costs incurred by the HDSB in connection therewith.

46. Ownership

The Submission, along with all correspondence, documentation and information provided to the HDSB by any Supplier in connection with or arising out of the Submission, once received by the HDSB, shall become the property of the HDSB and will not be returned to the Supplier, and may be appended to any Agreement and/or purchase order with the successful Supplier.

47. Permits, Licenses and Approvals

Suppliers shall obtain all permits, licences, rights to use and approvals required in connection with the supply of the Goods and/or Services. The costs of obtaining such permits, licences, and rights to use and approvals shall be the responsibility of, and shall be paid for by the Supplier.

Where a Supplier is required by any Applicable Law to hold or obtain any such licence, permit, or approval to carry on an activity contemplated in its Submission or in the Agreement, neither the acceptance of the Submission nor the execution of the Agreement by the HDSB shall be considered an approval by the HDSB for the Supplier to carry on such activity without the requisite licence, permit, consent or authorization.

Without in any way limiting the generality of the foregoing, any electrical Goods being proposed for consideration pursuant to this RFX must be authorized or approved in accordance with the Electrical Safety Code or by a certification organization accredited by the Standards Council of Canada and bearing the organization’s certification mark

for use in Canada. Certification shall be to the standard that is appropriate for the intended use of the electrical Goods at any of the HDSB's schools or facilities.

48. Co-operative Purchasing Provisions

This document is being issued by the HDSB to meet the HDSB's requirements. The successful Supplier acknowledges that the Provincial Government encourages cooperative procurement initiatives by HDSB. Suppliers shall indicate when asked if they are willing to extend pricing and submission terms to other District School Boards in the province of Ontario where the scope of work is deemed similar or the same and where both parties are in agreement, in which case they shall be deemed to have granted consent to the HDSB to share the Submission, subject to HDSB agreeing to receive the Submission in confidence on the understanding that the Submission contains financial, commercial, technical and other sensitive information of the Supplier.

The Supplier will not be penalized if it does not agree to this provision. The HDSB will not incur any financial responsibility in connection with any purchase by another School Board. Each School Board shall accept sole responsibility for its own contract management such as placing orders and making payments to the successful Supplier.

49. Rates

The proposed Product and/or Service Rates shall be firm Rates for the entire term of the Agreement and shall be Rates per Category as detailed below:

- a. Minimum percentage discount off Supplier's Published Canadian Price;
- b. Maximum net Rates per service, for related Services;
- c. In Canadian funds and shall include all applicable costs, including, but not limited to overhead, materials, fuel, fuel surcharge, duties, tariffs, travel and carriage, delivery, office support, profit, permits, licences, labour, insurance, and Workplace Safety Insurance Board costs and all other overhead, office support, profit, licenses including any fees or other charges required by law; and,
- d. Exclusive of the HST, or other similar taxes.

The Supplier may, however, lower its Rates and/or increase the minimum percentage discount off Supplier's Canadian List Price for specific Products and/or Related Services when the HDSB and Supplier mutually agree without affecting the Rates in the Agreement.

In extenuating circumstances, HDSB may consider a Rate adjustment substantially affecting the provision of Products and/or Related Services resulting from new or changed municipal, provincial, or federal regulations, by-laws and fluctuations in foreign exchange rates as published by the Bank of Canada, tariffs, or ordinances. Any such request from the Supplier must be accompanied and supported by documentation

deemed appropriate by HDSB. HDSB may use a third-party index (e.g. Consumer Price Index (“CPI”)) in its Rates review. The Supplier must submit documentation (i.e. Rate impact analysis) demonstrating how the request affects the delivery of Products and/or Services in this Agreement. HDSB will not consider any fixed costs or overhead adjustments in its review of the Supplier’s documentation.

The Supplier shall ensure that both the product offerings and their pricing – including Supplier's published Canadian list prices, the percentage (%) discount, and the discounted prices after the percentage (%) discount is applied/ Net Rates – are easily accessible and visible to HDSB throughout the term of the agreement on the Supplier’s online ordering platforms.

50. Environmental, Social, Governance, Ethical and Sustainability Considerations

The HDSB, when practically and financially feasible, will consider the acquisition of goods and services that will reduce the environmental footprint of the HDSB.

The Supplier shall possess and provide information, if requested by HDSB, related to its robust Environmental, Social and Governance (“ESG”) business framework. The Supplier shall collaborate and support the HDSB to align with their ESG framework as it relates to currently available ESG processes, products/equipment, technologies and/or sustainable initiatives.

Wherever practical and without compromising quality, Suppliers are to promote:

- a. Environmental design principles as required by the HDSB (e.g., environmental sustainability, data security and privacy, lean construction practices, waste management, decarbonization, indoor air quality, comfort);
- b. Sustainable social design principles as required by HDSB (e.g., social equity and equality, diversity, inclusive, accessibility, economic, and cultural impacts that achieve overarching HDSB goals that help shape healthy, diverse and inclusive environments); and,
- c. Governance practices to enhance positive impact to the HDSB (e.g., corporate oversight, risk management, staff retention and management, and leadership).

The Supplier shall keep HDSB informed about social procurement processes. Throughout the Term of the Agreement, HDSB may consult with the Supplier to assess ESG commitments.

51. Health and Safety

Suppliers must comply with the Occupational Health and Safety Act (OHSA) and all applicable regulations. Suppliers and their employees must have completed health and safety training relevant to their trade or scope of work. Upon request, proof of such

training must be provided to the Halton District School Board (HDSB). Suppliers are also responsible for ensuring that all subcontractors, where permitted by HDSB, meet these same requirements. HDSB reserves the right to request documentation verifying health and safety training at any time.

All Suppliers must adhere to applicable HDSB policies, programs, and procedures while present on HDSB property. Suppliers are required to sign in upon arrival at HDSB facilities and sign out upon departure, both before and after conducting any work on site.

Suppliers will be held accountable for any fines or violations of legislation incurred by the HDSB as a result of the Supplier's actions or omissions.

52. Governing Law

The terms and conditions:

- a. are included for greater certainty and are intended to be interpreted broadly and separately (with no particular provision intended to limit the scope of any other provision);
- b. are non-exhaustive (and shall not be construed as intending to limit the pre-existing rights of the parties to engage in pre-contractual discussions in accordance with the common law governing direct commercial negotiations); and,
- c. are to be governed by and construed in accordance with the laws of the Province of Ontario and the federal laws of Canada applicable therein.